

Circulating mitochondrial DAMPs cause inflammatory responses

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Revising and validating the 2000 Word Level and University Word Level Vocabulary Tests. <i>Language Testing</i> , 1999, 16, 131-162.	1.7	88
3	The Role of Interleukin-1 in Wound Biology. Part II. <i>Anesthesia and Analgesia</i> , 2010, 111, 1534-1542.	1.1	81
4	Molecular and cellular mechanisms of pancreatic injury. <i>Current Opinion in Gastroenterology</i> , 2010, 26, 484-489.	1.0	50
5	Novel therapeutic approaches for inclusion body myositis. <i>Current Opinion in Rheumatology</i> , 2010, 22, 658-664.	2.0	15
6	Role of Apoptosis in Amplifying Inflammatory Responses in Lung Diseases. <i>Journal of Cell Death</i> , 2010, 3, JCD.S5375.	0.8	59
8	Atherosclerosis and sex hormones: current concepts. <i>Clinical Science</i> , 2010, 119, 493-513.	1.8	89
9	Toll-Like Receptor Tolerance as a Mechanism for Neuroprotection. <i>Translational Stroke Research</i> , 2010, 1, 252-260.	2.3	47
10	Principles of Source Control in the Early Management of Sepsis. <i>Current Infectious Disease Reports</i> , 2010, 12, 345-353.	1.3	48
11	The roles of TNF in brain dysfunction and disease. , 2010, 128, 519-548.		190
12	The anionic amphiphile SDS is an antagonist for the human neutrophil formyl peptide receptor 1. <i>Biochemical Pharmacology</i> , 2010, 80, 389-395.	2.0	7
13	Pharmacologic effects on mitochondrial function. <i>Developmental Disabilities Research Reviews</i> , 2010, 16, 189-199.	2.9	40
14	Mitochondria and the culture of the Borg. <i>BioEssays</i> , 2010, 32, 958-966.	1.2	54
15	Mechanical ventilation modulates Toll-like receptor-3-induced lung inflammation via a MyD88-dependent, TLR4-independent pathway: a controlled animal study. <i>BMC Pulmonary Medicine</i> , 2010, 10, 57.	0.8	32
16	Extracorporeal immune therapy with immobilized agonistic anti-Fas antibodies leads to transient reduction of circulating neutrophil numbers and limits tissue damage after hemorrhagic shock/resuscitation in a porcine model. <i>Journal of Inflammation</i> , 2010, 7, 18.	1.5	4
17	Culprits with evolutionary ties. <i>Nature</i> , 2010, 464, 41-42.	13.7	55
18	Far from the Heart: Counteracting coagulation. <i>Nature Medicine</i> , 2010, 16, 759-760.	15.2	8
19	Good and bad lipids in the lung. <i>Nature Medicine</i> , 2010, 16, 1078-1079.	15.2	7
21	Sterile inflammation: sensing and reacting to damage. <i>Nature Reviews Immunology</i> , 2010, 10, 826-837.	10.6	2,469

#	ARTICLE	IF	CITATIONS
22	Molecular mechanisms of necroptosis: an ordered cellular explosion. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 700-714.	16.1	1,941
23	The Agonists of Formyl Peptide Receptors Prevent Development of Severe Sepsis after Microbial Infection. <i>Journal of Immunology</i> , 2010, 185, 4302-4310.	0.4	60
24	The Mitochondrion – A Trojan Horse That Kicks Off Inflammation?. <i>New England Journal of Medicine</i> , 2010, 362, 2132-2134.	13.9	63
25	Mitochondrial Damage Associated Molecular Patterns From Femoral Reamings Activate Neutrophils Through Formyl Peptide Receptors and P44/42 MAP Kinase. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 534-538.	0.7	108
26	The TLR4/TRIF-Mediated Activation of NLRP3 Inflammasome Underlies Endotoxin-Induced Liver Injury in Mice. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-11.	0.7	61
27	TLRs in Hepatic Cellular Crosstalk. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-7.	0.7	14
28	Toll-Like Receptor Signaling and Liver Fibrosis. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-8.	0.7	117
29	TLRs, NF- κ B, JNK, and Liver Regeneration. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-7.	0.7	36
30	Case 25-2010. <i>New England Journal of Medicine</i> , 2010, 363, 766-777.	13.9	32
31	Intravascular Danger Signals Guide Neutrophils to Sites of Sterile Inflammation. <i>Science</i> , 2010, 330, 362-366.	6.0	1,018
32	Autologous Extracellular Cytochrome c Is an Endogenous Ligand for Leucine-rich β 2-Glycoprotein and β 2-Type Phospholipase A2 Inhibitor. <i>Journal of Biological Chemistry</i> , 2010, 285, 21607-21614.	1.6	20
33	Antiallergic Cromones Inhibit Neutrophil Recruitment Onto Vascular Endothelium via Annexin-A1 Mobilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1718-1724.	1.1	34
34	Patients with Discordant Responses to Antiretroviral Therapy Have Impaired Killing of HIV-Infected T Cells. <i>PLoS Pathogens</i> , 2010, 6, e1001213.	2.1	21
35	The innate immune system in host mice targets cells with allogenic mitochondrial DNA. <i>Journal of Experimental Medicine</i> , 2010, 207, 2297-2305.	4.2	44
36	Early infection during burn-induced inflammatory response results in increased mortality and p38-mediated neutrophil dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R918-R925.	0.9	18
37	Complement factor 3 deficiency attenuates hemorrhagic shock-related hepatic injury and systemic inflammatory response syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1175-R1182.	0.9	29
38	What is the pathophysiology of the septic host upon admission?. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, S2-S5.	1.1	25
39	Endotoxin in the Pathogenesis of Sepsis. <i>Contributions To Nephrology</i> , 2010, 167, 1-13.	1.1	44

#	ARTICLE	IF	CITATIONS
40	Mitochondrial DNA and anti-mitochondrial antibodies in serum of autistic children. <i>Journal of Neuroinflammation</i> , 2010, 7, 80.	3.1	79
41	Mechanisms of Cisplatin Nephrotoxicity. <i>Toxins</i> , 2010, 2, 2490-2518.	1.5	1,235
42	Tumor necrosis factor- α triggers a cytokine cascade yielding postoperative cognitive decline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20518-20522.	3.3	600
43	Endogenous HMGB1 regulates autophagy. <i>Journal of Cell Biology</i> , 2010, 190, 881-892.	2.3	819
44	HMGB1 and Microparticles as Mediators of the Immune Response to Cell Death. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2209-2219.	2.5	42
45	Development and validation of a novel molecular biomarker diagnostic test for the early detection of sepsis. <i>Critical Care</i> , 2011, 15, R149.	2.5	141
46	Integrated Physiological Mechanisms of Exercise Performance, Adaptation, and Maladaptation to Heat Stress. , 2011, 1, 1883-1928.		367
47	Toll-like receptor 9, transmembrane activator and calcium-modulating cyclophilin ligand interactor, and CD40 synergize in causing B-cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 601-609.e4.	1.5	30
48	TLR signaling: a link between gut microflora, colorectal inflammation and tumorigenesis. <i>Drug Discovery Today Disease Mechanisms</i> , 2011, 8, e57-e62.	0.8	6
49	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 670-680.	1.6	131
50	Sperm Mitochondrial DNA. , 2011, , 81-94.		1
51	The Link Between Vascular Features and Thrombosis. <i>Annual Review of Physiology</i> , 2011, 73, 503-514.	5.6	80
54	Systemic inflammation and fracture healing. <i>Journal of Leukocyte Biology</i> , 2011, 89, 669-673.	1.5	152
55	Manganese Superoxide Dismutase: Guardian of the Powerhouse. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7114-7162.	1.8	232
56	The role of TLRs in neutrophil activation. <i>Current Opinion in Pharmacology</i> , 2011, 11, 397-403.	1.7	197
57	Burn-induced alterations in toll-like receptor-mediated responses by bronchoalveolar lavage cells. <i>Cytokine</i> , 2011, 55, 396-401.	1.4	24
58	Dynamic Coordination of Innate Immune Signaling and Insulin Signaling Regulates Systemic Responses to Localized DNA Damage. <i>Developmental Cell</i> , 2011, 20, 841-854.	3.1	85
59	IL-1 receptor/Toll-like receptor signaling in infection, inflammation, stress and neurodegeneration couples hyperexcitability and seizures. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1281-1289.	2.0	334

#	ARTICLE	IF	CITATIONS
60	Behavioural trait covaries with immune responsiveness in a wild passerine. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1349-1354.	2.0	27
61	Mitocryptide-2, a neutrophil-activating cryptide, is a specific endogenous agonist for formyl-peptide receptor-like 1. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 482-487.	1.0	23
62	Heat shock proteins and high mobility group box 1 protein lack cytokine function. <i>Journal of Leukocyte Biology</i> , 2011, 89, 847-853.	1.5	49
63	The neutrophil in vascular inflammation. <i>Nature Medicine</i> , 2011, 17, 1381-1390.	15.2	607
64	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. <i>Trends in Immunology</i> , 2011, 32, 157-164.	2.9	564
65	Increased plasma levels of extracellular mitochondrial DNA during HIV infection: A new role for mitochondrial damage-associated molecular patterns during inflammation. <i>Mitochondrion</i> , 2011, 11, 750-755.	1.6	84
66	Mitochondrial DNA in the Circulation After Coronary Artery Bypass Grafting. <i>Heart Lung and Circulation</i> , 2011, 20, 786-787.	0.2	0
67	Reactive oxygen species in the normal and acutely injured liver. <i>Journal of Hepatology</i> , 2011, 55, 227-228.	1.8	72
68	Time to recognise that mitochondria are bacteria?. <i>Trends in Microbiology</i> , 2011, 19, 58-64.	3.5	45
69	The innate immune system in transplantation. <i>Seminars in Immunology</i> , 2011, 23, 264-272.	2.7	29
70	Mitochondrial complex I: A central regulator of the aging process. <i>Cell Cycle</i> , 2011, 10, 1528-1532.	1.3	70
71	HIV Infection, Inflammation, Immunosenescence, and Aging. <i>Annual Review of Medicine</i> , 2011, 62, 141-155.	5.0	1,109
72	Toll-like receptor signaling in liver regeneration, fibrosis and carcinogenesis. <i>Hepatology Research</i> , 2011, 41, 597-610.	1.8	34
73	Autophagy proteins regulate innate immune responses by inhibiting the release of mitochondrial DNA mediated by the NALP3 inflammasome. <i>Nature Immunology</i> , 2011, 12, 222-230.	7.0	2,447
74	Bench-to-bedside review: Damage-associated molecular patterns in the onset of ventilator-induced lung injury. <i>Critical Care</i> , 2011, 15, 235.	2.5	97
75	Can 'permissive' hypercapnia modulate the severity of sepsis-induced ALI/ARDS?. <i>Critical Care</i> , 2011, 15, 212.	2.5	40
76	RIP Kinase-Dependent Necrosis Drives Lethal Systemic Inflammatory Response Syndrome. <i>Immunity</i> , 2011, 35, 908-918.	6.6	490
77	The effect of detergent-based decellularization procedures on cellular proteins and immunogenicity in equine carotid artery grafts. <i>Biomaterials</i> , 2011, 32, 9730-9737.	5.7	85

#	ARTICLE	IF	CITATIONS
78	Biomechanics of Musculoskeletal Injury. , 0, , .		3
79	A Four-Step Model for the IL-6 Amplifier, a Regulator of Chronic Inflammations in Tissue-Specific MHC Class II-Associated Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2011, 2, 22.	2.2	42
80	Macrophages in Injured Skeletal Muscle: A Perpetuum Mobile Causing and Limiting Fibrosis, Prompting or Restricting Resolution and Regeneration. <i>Frontiers in Immunology</i> , 2011, 2, 62.	2.2	65
81	The Toll-Like Receptor Gene Family Is Integrated into Human DNA Damage and p53 Networks. <i>PLoS Genetics</i> , 2011, 7, e1001360.	1.5	126
82	Current work and future possibilities for the management of severe influenza: using immunomodulatory agents that target the host response. <i>Future Virology</i> , 2011, 6, 843-854.	0.9	3
83	Investigating Mitochondrial Dysfunction to Increase Drug Safety in the Pharmaceutical Industry. <i>Current Drug Targets</i> , 2011, 12, 774-782.	1.0	36
84	Insulin resistance in critical illness. <i>Current Opinion in Pediatrics</i> , 2011, 23, 269-274.	1.0	35
85	Multiple organ failure in sepsis: prognosis and role of systemic inflammatory response. <i>Current Opinion in Critical Care</i> , 2011, 17, 153-159.	1.6	207
86	Proteomic Analysis of Human Mesenteric Lymph. <i>Shock</i> , 2011, 35, 331-338.	1.0	42
88	Bacterial DNA Induces Pulmonary Damage Via TLR-9 Through Cross-talk With Neutrophils. <i>Shock</i> , 2011, 36, 548-552.	1.0	31
89	The Role of Immune and Inflammatory Mechanisms in ALS. <i>Current Molecular Medicine</i> , 2011, 11, 246-254.	0.6	188
90	A High Admission Syndecan-1 Level, A Marker of Endothelial Glycocalyx Degradation, Is Associated With Inflammation, Protein C Depletion, Fibrinolysis, and Increased Mortality in Trauma Patients. <i>Annals of Surgery</i> , 2011, 254, 194-200.	2.1	452
91	Heme regulates B-cell differentiation, antibody class switch, and heme oxygenase-1 expression in B cells as a ligand of Bach2. <i>Blood</i> , 2011, 117, 5438-5448.	0.6	83
92	Computational Approaches for Translational Clinical Research in Disease Progression. <i>Journal of Investigative Medicine</i> , 2011, 59, 893-903.	0.7	12
93	What Formyl Peptide Receptors, if Any, Are Triggered by Compound 43 and Lipoxin A ₄ ?. <i>Scandinavian Journal of Immunology</i> , 2011, 74, 227-234.	1.3	43
94	Photohardening restores the impaired neutrophil responsiveness to chemoattractants leukotriene B ₄ and formyl-methionyl-leucyl-phenylalanin in patients with polymorphic light eruption. <i>Experimental Dermatology</i> , 2011, 20, 473-476.	1.4	14
95	Mitoxosome: a mitochondrial platform for cross-talk between cellular stress and antiviral signaling. <i>Immunological Reviews</i> , 2011, 243, 215-234.	2.8	32
96	Innate and adaptive immune responses to cell death. <i>Immunological Reviews</i> , 2011, 243, 191-205.	2.8	191

#	ARTICLE	IF	CITATIONS
97	Mitochondrial control of the NLRP3 inflammasome. <i>Nature Immunology</i> , 2011, 12, 199-200.	7.0	148
98	Immune cell regulation by autocrine purinergic signalling. <i>Nature Reviews Immunology</i> , 2011, 11, 201-212.	10.6	680
99	Tissue-based class control: the other side of tolerance. <i>Nature Reviews Immunology</i> , 2011, 11, 221-230.	10.6	292
100	Mitochondria in innate immune responses. <i>Nature Reviews Immunology</i> , 2011, 11, 389-402.	10.6	1,062
101	Neutrophils in the activation and regulation of innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2011, 11, 519-531.	10.6	2,306
102	Sensing sterile injury: Opportunities for pharmacological control. , 2011, 132, 204-214.		14
103	Neuro-Inflammation, Blood-Brain Barrier, Seizures and Autism. <i>Journal of Neuroinflammation</i> , 2011, 8, 168.	3.1	88
104	Stable formyl peptide receptor agonists that activate the neutrophil NADPH-oxidase identified through screening of a compound library. <i>Biochemical Pharmacology</i> , 2011, 81, 402-411.	2.0	33
105	Discovery of pyrazoles as novel FPR1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6456-6460.	1.0	12
106	Bioenergetic Origins of Complexity and Disease. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 1-16.	2.0	113
107	Mitochondria in innate immunity. <i>EMBO Reports</i> , 2011, 12, 901-910.	2.0	222
108	Extracellular Histones Are Mediators of Death through TLR2 and TLR4 in Mouse Fatal Liver Injury. <i>Journal of Immunology</i> , 2011, 187, 2626-2631.	0.4	441
109	High-mobility group box 1 (HMGB1) as a master regulator of innate immunity. <i>Cell and Tissue Research</i> , 2011, 343, 189-199.	1.5	93
110	The Glue Grant experience: characterizing the post injury genomic response. <i>European Journal of Trauma and Emergency Surgery</i> , 2011, 37, 549-558.	0.8	18
111	The treatment of traumatic shock: recent advances and unresolved questions. <i>European Journal of Trauma and Emergency Surgery</i> , 2011, 37, 567-575.	0.8	3
113	AMP-activated protein kinase inhibits NF- κ B signaling and inflammation: impact on healthspan and lifespan. <i>Journal of Molecular Medicine</i> , 2011, 89, 667-676.	1.7	672
114	Danger signals activating innate immunity in graft-versus-host disease. <i>Journal of Molecular Medicine</i> , 2011, 89, 833-845.	1.7	89
115	Cellular and molecular choreography of neutrophil recruitment to sites of sterile inflammation. <i>Journal of Molecular Medicine</i> , 2011, 89, 1079-1088.	1.7	68

#	ARTICLE	IF	CITATIONS
116	Sialoside-based pattern recognitions discriminating infections from tissue injuries. <i>Current Opinion in Immunology</i> , 2011, 23, 41-45.	2.4	24
117	Trauma is danger. <i>Journal of Translational Medicine</i> , 2011, 9, 92.	1.8	23
118	Using an agent-based model to analyze the dynamic communication network of the immune response. <i>Theoretical Biology and Medical Modelling</i> , 2011, 8, 1.	2.1	65
119	Mitochondrial dysfunction and biogenesis: do ICU patients die from mitochondrial failure?. <i>Annals of Intensive Care</i> , 2011, 1, 41.	2.2	56
120	Cell death in the neighbourhood: direct microenvironmental effects of apoptosis in normal and neoplastic tissues. <i>Journal of Pathology</i> , 2011, 223, 178-195.	2.1	163
121	Molecular battle between host and bacterium: recognition in innate immunity. <i>Journal of Molecular Recognition</i> , 2011, 24, 1077-1086.	1.1	22
122	Exercise and duchenne muscular dystrophy: Toward evidence-based exercise prescription. <i>Muscle and Nerve</i> , 2011, 43, 464-478.	1.0	64
123	Resolving postoperative neuroinflammation and cognitive decline. <i>Annals of Neurology</i> , 2011, 70, 986-995.	2.8	461
124	Trauma alarmins as activators of damage-induced inflammation. <i>British Journal of Surgery</i> , 2011, 99, 12-20.	0.1	144
125	An overview of tissue and whole organ decellularization processes. <i>Biomaterials</i> , 2011, 32, 3233-3243.	5.7	2,647
126	Serum kinetics of soluble triggering receptor expressed on myeloid cells-1 differs in relation to the type of arthroplasty. <i>Biomarkers</i> , 2011, 16, 600-604.	0.9	0
127	Update in Acute Lung Injury and Critical Care 2010. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1147-1152.	2.5	21
128	Organ Failure in the ICU: Cellular Alterations. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2011, 32, 581-586.	0.8	18
129	Aminobisphosphonates and Toll-Like Receptor Ligands: Recruiting Vγ9Vδ2 T Cells for the Treatment of Hematologic Malignancy. <i>Current Medicinal Chemistry</i> , 2011, 18, 5206-5216.	1.2	17
130	A genomic storm in critically injured humans. <i>Journal of Experimental Medicine</i> , 2011, 208, 2581-2590.	4.2	1,040
131	Nucleotide-Binding Oligomerization Domain Protein 2 Deficiency Enhances Neointimal Formation in Response to Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2441-2447.	1.1	17
132	Alzheimer's dementia begins as a disease of small blood vessels, damaged by oxidative-induced inflammation and dysregulated amyloid metabolism: implications for early detection and therapy. <i>FASEB Journal</i> , 2011, 25, 5-13.	0.2	200
133	Dangers Within. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 416-425.	3.0	240

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134	Cell-Selective Inhibition of NF- κ B Signaling Improves Therapeutic Index in a Melanoma Chemotherapy Model. <i>Cancer Discovery</i> , 2011, 1, 496-507.	7.7	30
135	Decreased Mitochondrial Function and Increased Brain Inflammation in Bipolar Disorder and Other Neuropsychiatric Diseases. <i>Journal of Clinical Psychopharmacology</i> , 2011, 31, 685-687.	0.7	26
136	Local microbleeding facilitates IL-6 α and IL-17 α dependent arthritis in the absence of tissue antigen recognition by activated T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 103-114.	4.2	95
137	Cyclophilin A Is a Damage-Associated Molecular Pattern Molecule That Mediates Acetaminophen-Induced Liver Injury. <i>Journal of Immunology</i> , 2011, 187, 3347-3352.	0.4	66
138	Médiateurs de l'inflammation au cours du sepsis. , 2011, , 19-57.		0
139	Hospital-Acquired Pneumonia After Lung Resection Surgery Is Associated With Characteristic Cytokine Gene Expression. <i>Chest</i> , 2011, 139, 626-632.	0.4	29
140	Pathogenic DNA: Cytosolic DNA promotes inflammation in psoriasis. <i>Cell Cycle</i> , 2011, 10, 3038-3039.	1.3	8
141	Leukocyte migratory responses to apoptosis. <i>Cell Adhesion and Migration</i> , 2011, 5, 293-297.	1.1	4
142	Systemic Inflammation and Liver Injury Following Hemorrhagic Shock and Peripheral Tissue Trauma Involve Functional TLR9 Signaling on Bone Marrow-Derived Cells and Parenchymal Cells. <i>Shock</i> , 2011, 35, 164-170.	1.0	39
143	On, Around, and Through: Neutrophil-Endothelial Interactions in Innate Immunity. <i>Physiology</i> , 2011, 26, 334-347.	1.6	83
144	Perioperative Period: Immunological Modifications. <i>International Journal of Immunopathology and Pharmacology</i> , 2011, 24, 3-11.	1.0	37
145	Insulinoma-Released Exosomes or Microparticles Are Immunostimulatory and Can Activate Autoreactive T Cells Spontaneously Developed in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2011, 187, 1591-1600.	0.4	94
146	Early and Transient Release of Leukocyte Pentraxin 3 during Acute Myocardial Infarction. <i>Journal of Immunology</i> , 2011, 187, 970-979.	0.4	82
147	Evidence for an Anti-Inflammatory Loop Centered on Polymorphonuclear Leukocyte Formyl Peptide Receptor 2/Lipoxin A4 Receptor and Operative in the Inflamed Microvasculature. <i>Journal of Immunology</i> , 2011, 186, 4905-4914.	0.4	56
148	HCV Peptide (C5A), an Amphipathic α -Helical Peptide of Hepatitis Virus C, Is an Activator of N-Formyl Peptide Receptor in Human Phagocytes. <i>Journal of Immunology</i> , 2011, 186, 2087-2094.	0.4	30
149	Macrophages are essential contributors to kidney injury in murine cryoglobulinemic membranoproliferative glomerulonephritis. <i>Kidney International</i> , 2011, 80, 946-958.	2.6	40
150	Expression of Toll-like Receptors and Their Signaling Pathways in Rheumatoid Synovitis. <i>Journal of Rheumatology</i> , 2011, 38, 810-820.	1.0	67
151	DNA attenuates enterocyte Toll-like receptor 4-mediated intestinal mucosal injury after remote trauma. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G862-G873.	1.6	26

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152	Specific inhibition of mitochondrial oxidative stress suppresses inflammation and improves cardiac function in a rat pneumonia-related sepsis model. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1847-H1859.	1.5	81
153	Inflection points in sepsis biology: from local defense to systemic organ injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L355-L363.	1.3	111
154	Envenomations by Bothrops and Crotalus Snakes Induce the Release of Mitochondrial Alarmins. PLoS Neglected Tropical Diseases, 2012, 6, e1526.	1.3	32
155	Radiation protection following nuclear power accidents: a survey of putative mechanisms involved in the radioprotective actions of taurine during and after radiation exposure.. Microbial Ecology in Health and Disease, 2012, 23, .	3.8	17
156	Danger Signals Activating the Immune Response after Trauma. Mediators of Inflammation, 2012, 2012, 1-10.	1.4	183
157	Post-Ischemic Inflammation in the Brain. Frontiers in Immunology, 2012, 3, 132.	2.2	173
158	Cancer and Innate Immune System Interactions. Journal of Immunotherapy, 2012, 35, 299-308.	1.2	145
159	The Effects of Sepsis on Mitochondria. Journal of Infectious Diseases, 2012, 205, 392-400.	1.9	183
160	Contrasting Inflammation Resolution during Atherosclerosis and Post Myocardial Infarction at the Level of Monocyte/Macrophage Phagocytic Clearance. Frontiers in Immunology, 2012, 3, 39.	2.2	26
161	The systemic inflammatory response syndrome. , 2012, , 249-263.e4.		1
162	Critical care in the severely burned. , 2012, , 377-395.e3.		0
163	Toll-like receptor 9 activation: a novel mechanism linking placenta-derived mitochondrial DNA and vascular dysfunction in pre-eclampsia. Clinical Science, 2012, 123, 429-435.	1.8	87
164	Update on lung transplantation: programmes, patients and prospects. European Respiratory Review, 2012, 21, 271-305.	3.0	36
165	A grip on ice-age ocean circulation. Nature, 2012, 485, 180-181.	13.7	8
166	RAD51 Plays a Crucial Role in Halting Cell Death Program Induced by Ionizing Radiation in Bovine Oocytes1. Biology of Reproduction, 2012, 86, 76.	1.2	17
167	Reactive Oxygen Production Induced by the Gut Microbiota: Pharmacotherapeutic Implications. Current Medicinal Chemistry, 2012, 19, 1519-1529.	1.2	170
168	Damaged-self recognition as a general strategy for injury detection. Plant Signaling and Behavior, 2012, 7, 576-580.	1.2	29
169	Genetic Ablation of the <i>Fpr1</i> Gene Confers Protection from Smoking-Induced Lung Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 332-339.	1.4	58

#	ARTICLE	IF	CITATIONS
170	Tumor Necrosis Factor-Induced Cerebral Insulin Resistance in Alzheimer's Disease Links Numerous Treatment Rationales. <i>Pharmacological Reviews</i> , 2012, 64, 1004-1026.	7.1	65
171	Oxidative Shielding or Oxidative Stress?. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 608-618.	1.3	121
172	Many stimuli pull the necrotic trigger, an overview. <i>Cell Death and Differentiation</i> , 2012, 19, 75-86.	5.0	340
173	Mitochondrial DNA: a proinflammatory "enemy from within"™ during HIV infection?. <i>Cell Death and Disease</i> , 2012, 3, e307-e307.	2.7	18
174	Mitochondrial Transcription Factor A Serves as a Danger Signal by Augmenting Plasmacytoid Dendritic Cell Responses to DNA. <i>Journal of Immunology</i> , 2012, 189, 433-443.	0.4	94
175	Cholesterol-Induced Membrane Microvesicles As Novel Carriers of Damage-Associated Molecular Patterns. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2113-2121.	1.1	62
176	Hypercholesterolemic LDL receptor-deficient mice mount a neutrophilic response to tuberculosis despite the timely expression of protective immunity. <i>Journal of Leukocyte Biology</i> , 2012, 91, 849-857.	1.5	20
177	HIV and Mitochondria: More Than Just Drug Toxicity. <i>Journal of Infectious Diseases</i> , 2012, 205, 1769-1771.	1.9	22
178	Cytosolic Double-Stranded DNA as a Damage-Associated Molecular Pattern Induces the Inflammatory Response in Rat Pancreatic Stellate Cells: A Plausible Mechanism for Tissue Injury-Associated Pancreatitis. <i>International Journal of Inflammation</i> , 2012, 2012, 1-12.	0.9	11
179	Smoking and Idiopathic Pulmonary Fibrosis. <i>Pulmonary Medicine</i> , 2012, 2012, 1-13.	0.5	67
180	Damage- and Pathogen-Associated Molecular Patterns and Alarmins: Keys to Sepsis?. <i>European Surgical Research</i> , 2012, 48, 171-179.	0.6	55
181	Induction of Type I IFN Is a Physiological Immune Reaction to Apoptotic Cell-Derived Membrane Microparticles. <i>Journal of Immunology</i> , 2012, 189, 1747-1756.	0.4	63
182	Structural Characterization and Inhibitory Profile of Formyl Peptide Receptor 2 Selective Peptides Descending from a PIP2-Binding Domain of Gelsolin. <i>Journal of Immunology</i> , 2012, 189, 629-637.	0.4	41
183	Escaped DNA inflames the heart. <i>Nature</i> , 2012, 485, 179-180.	13.7	18
184	The Toll-Like Receptor 9 Agonist, CpG-Oligodeoxynucleotide 1826, Ameliorates Cardiac Dysfunction After Trauma-Hemorrhage. <i>Shock</i> , 2012, 38, 146-152.	1.0	20
185	Plasma Levels of Mitochondrial DNA in Patients Presenting to the Emergency Department With Sepsis. <i>Shock</i> , 2012, 38, 337-340.	1.0	48
186	Innate Immune Response to Pulmonary Contusion. <i>Shock</i> , 2012, 37, 385-391.	1.0	13
187	Mitochondrial transcription factor A is a proinflammatory mediator in hemorrhagic shock. <i>International Journal of Molecular Medicine</i> , 2012, 30, 199-203.	1.8	52

#	ARTICLE	IF	CITATIONS
188	Acute Coronary Syndromes as Auto-Inflammatory Disorders. <i>Current Pharmaceutical Design</i> , 2012, 18, 4370-4384.	0.9	8
189	Healthy Free Radical Pessimism. <i>Oxidative Stress and Disease</i> , 2012, , 3-12.	0.3	0
190	Persistent inflammation and immunosuppression. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 72, 1491-1501.	1.1	602
191	Extracellular histone release in response to traumatic injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 1389-1394.	1.1	114
192	Sterile Inflammatory Response in Acute Pancreatitis. <i>Pancreas</i> , 2012, 41, 353-357.	0.5	118
193	Persistence of Elevated Plasma CXCL8 Concentrations Following Red Blood Cell Transfusion in a Trauma Cohort. <i>Shock</i> , 2012, 37, 373-377.	1.0	5
194	Inducible Nitric Oxide Synthase Contributes to Immune Dysfunction Following Trauma. <i>Shock</i> , 2012, 38, 499-507.	1.0	22
195	Changes in lymph proteome induced by hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 41-51.	1.1	17
196	The immune response to surgery and trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 801-808.	1.1	227
197	Toll-like receptor 9 activation in neutrophils impairs chemotaxis and reduces sepsis outcome*. <i>Critical Care Medicine</i> , 2012, 40, 2631-2637.	0.4	30
198	Heat shock protein 70 (Hsp70) inhibits oxidative phosphorylation and compensates ATP balance through enhanced glycolytic activity. <i>Journal of Applied Physiology</i> , 2012, 113, 1669-1676.	1.2	50
199	Homology in Systemic Neutrophil Response Induced by Human Experimental Endotoxemia and by Trauma. <i>Shock</i> , 2012, 37, 145-151.	1.0	28
200	Deficiency of CD73/ecto-5â€²-nucleotidase in mice enhances acute graft-versus-host disease. <i>Blood</i> , 2012, 119, 4554-4564.	0.6	81
201	Mitochondria: master regulators of danger signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 780-788.	16.1	601
202	Immunogenic cell death and DAMPs in cancer therapy. <i>Nature Reviews Cancer</i> , 2012, 12, 860-875.	12.8	1,984
203	The receptor for advanced glycation end products and acute lung injury/acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2012, 38, 1588-1598.	3.9	63
204	Neutrophils come of age in chronic inflammation. <i>Current Opinion in Immunology</i> , 2012, 24, 671-677.	2.4	65
205	<sc>PAMP</sc>s and <sc>DAMP</sc>s: signal Os that spur autophagy and immunity. <i>Immunological Reviews</i> , 2012, 249, 158-175.	2.8	899

#	ARTICLE	IF	CITATIONS
206	Dual-targeting conjugates designed to improve the efficacy of radiolabeled peptides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7594.	1.5	18
207	The role of DNA exonucleases in protecting genome stability and their impact on ageing. <i>Age</i> , 2012, 34, 1317-1340.	3.0	30
208	Immunotherapy for acute kidney injury. <i>Immunotherapy</i> , 2012, 4, 323-334.	1.0	13
209	Advances and future directions for management of trauma patients with musculoskeletal injuries. <i>Lancet, The</i> , 2012, 380, 1109-1119.	6.3	124
210	Prognostic utility and characterization of cell-free DNA in patients with severe sepsis. <i>Critical Care</i> , 2012, 16, R151.	2.5	225
211	Dendritic Cells and Damage-Associated Molecular Patterns: Endogenous Danger Signals Linking Innate and Adaptive Immunity. <i>Journal of Innate Immunity</i> , 2012, 4, 6-15.	1.8	112
212	Damage-associated molecular patterns: Their impact on the liver and beyond during acetaminophen overdose. <i>Hepatology</i> , 2012, 56, 1599-1601.	3.6	17
213	New Approaches to Sepsis: Molecular Diagnostics and Biomarkers. <i>Clinical Microbiology Reviews</i> , 2012, 25, 609-634.	5.7	408
214	Lymphatics, lymph nodes and the immune system: barriers and gateways for cancer spread. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 729-736.	1.7	39
215	Neutrophils and Intravascular Immunity in the Liver during Infection and Sterile Inflammation. <i>Toxicologic Pathology</i> , 2012, 40, 157-165.	0.9	68
216	Studies of the myocardial uptake and excretion mechanisms of a novel ^{99m} Tc heart perfusion agent. <i>Nuclear Medicine and Biology</i> , 2012, 39, 207-213.	0.3	20
217	Central role of mitochondria in drug-induced liver injury. <i>Drug Metabolism Reviews</i> , 2012, 44, 34-87.	1.5	228
218	Trauma equals danger – damage control by the immune system. <i>Journal of Leukocyte Biology</i> , 2012, 92, 539-551.	1.5	144
219	Docosahexaenoic acid, but not eicosapentaenoic acid, reduces the early inflammatory response following compression spinal cord injury in the rat. <i>Journal of Neurochemistry</i> , 2012, 121, 738-750.	2.1	53
220	The extracellular release of DNA and HMGB1 from Jurkat T cells during <i>in vitro</i> necrotic cell death. <i>Innate Immunity</i> , 2012, 18, 727-737.	1.1	55
221	Health care and socioeconomic impact of falls in the elderly. <i>American Journal of Surgery</i> , 2012, 203, 335-338.	0.9	89
222	Still – disease and the mitochondrion: The other face of an old friend?. <i>Medical Hypotheses</i> , 2012, 79, 136-137.	0.8	4
223	Increased circulating mitochondrial DNA after myocardial infarction. <i>International Journal of Cardiology</i> , 2012, 158, 132-134.	0.8	85

#	ARTICLE	IF	CITATIONS
224	Selective binding of anti-DNA antibodies to native dsDNA fragments of differing sequence. <i>Immunology Letters</i> , 2012, 143, 85-91.	1.1	21
225	Dangerous Liaisons: Mitochondrial DNA Meets the NLRP3 Inflammasome. <i>Immunity</i> , 2012, 36, 313-315.	6.6	38
226	A mitochondrial etiology of Alzheimer and Parkinson disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 553-564.	1.1	268
227	Mucins and Toll-like receptors: Kith and kin in infection and cancer. <i>Cancer Letters</i> , 2012, 321, 110-119.	3.2	21
228	The sterile immune response during hepatic ischemia/reperfusion. <i>Cytokine and Growth Factor Reviews</i> , 2012, 23, 69-84.	3.2	143
229	Mitochondria: commanders of innate immunity and disease?. <i>Current Opinion in Immunology</i> , 2012, 24, 32-40.	2.4	84
230	B cell "helper neutrophils stimulate the diversification and production of immunoglobulin in the marginal zone of the spleen. <i>Nature Immunology</i> , 2012, 13, 170-180.	7.0	615
231	Mitochondrial Proteome: Toward the Detection and Profiling of Disease Associated Alterations. <i>Methods in Molecular Biology</i> , 2012, 823, 265-277.	0.4	6
232	Mitochondrial dysfunction increases inflammatory responsiveness to cytokines in normal human chondrocytes. <i>Arthritis and Rheumatism</i> , 2012, 64, 2927-2936.	6.7	130
233	Chemokines and mitochondrial products activate neutrophils to amplify organ injury during mouse acute liver failure. <i>Hepatology</i> , 2012, 56, 1971-1982.	3.6	279
234	Corticotropin-releasing hormone and extracellular mitochondria augment IgE-stimulated human mast-cell vascular endothelial growth factor release, which is inhibited by luteolin. <i>Journal of Neuroinflammation</i> , 2012, 9, 85.	3.1	55
235	High levels of soluble VEGF receptor 1 early after trauma are associated with shock, sympathoadrenal activation, glycocalyx degradation and inflammation in severely injured patients: a prospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2012, 20, 27.	1.1	49
236	Mitochondria and cell signalling. <i>Journal of Cell Science</i> , 2012, 125, 807-815.	1.2	345
237	Ocular Surface Extracellular DNA and Nuclease Activity Imbalance: A New Paradigm for Inflammation in Dry Eye Disease. , 2012, 53, 8253.		92
238	Innate immunity in the central nervous system. <i>Journal of Clinical Investigation</i> , 2012, 122, 1164-1171.	3.9	805
239	The immunology of neurodegeneration. <i>Journal of Clinical Investigation</i> , 2012, 122, 1156-1163.	3.9	187
240	Novel therapeutic strategies targeting innate immune responses and early inflammation after stroke. <i>Journal of Neurochemistry</i> , 2012, 123, 29-38.	2.1	124
241	Inflame On!. <i>Circulation Research</i> , 2012, 111, 271-273.	2.0	3

#	ARTICLE	IF	CITATIONS
242	Sterile Inflammation in the Liver. <i>Gastroenterology</i> , 2012, 143, 1158-1172.	0.6	553
243	Mitochondrial translational inhibitors in the pharmacopeia. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 1067-1074.	0.9	19
244	Preactivation of Human MSCs with TNF- α Enhances Tumor-Suppressive Activity. <i>Cell Stem Cell</i> , 2012, 11, 825-835.	5.2	116
245	Extracellular NAD ⁺ : a danger signal hindering regulatory T cells. <i>Microbes and Infection</i> , 2012, 14, 1284-1292.	1.0	54
246	The immune response to severe bacterial infections: consequences for therapy. <i>Expert Review of Anti-Infective Therapy</i> , 2012, 10, 369-380.	2.0	44
247	Communication in the Heart: the Role of the Innate Immune System in Coordinating Cellular Responses to Ischemic Injury. <i>Journal of Cardiovascular Translational Research</i> , 2012, 5, 827-836.	1.1	25
248	Enteric-delivered rapamycin enhances resistance of aged mice to pneumococcal pneumonia through reduced cellular senescence. <i>Experimental Gerontology</i> , 2012, 47, 958-965.	1.2	60
249	How tissue injury alarms the immune system and causes a systemic inflammatory response syndrome. <i>Annals of Intensive Care</i> , 2012, 2, 27.	2.2	72
250	Mitochondrial dysfunction and oxidative stress activate inflammasomes: impact on the aging process and age-related diseases. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2999-3013.	2.4	236
251	Degraded Mitochondrial DNA is a Newly Identified Subtype of the Damage Associated Molecular Pattern (DAMP) Family and Possible Trigger of Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 617-627.	1.2	89
252	An Intense and Short-Lasting Burst of Neutrophil Activation Differentiates Early Acute Myocardial Infarction from Systemic Inflammatory Syndromes. <i>PLoS ONE</i> , 2012, 7, e39484.	1.1	52
253	T Cell Activation but Not Polyfunctionality after Primary HIV Infection Predicts Control of Viral Load and Length of the Time without Therapy. <i>PLoS ONE</i> , 2012, 7, e50728.	1.1	19
254	Risk Factors for Vascular Occlusive Events and Death Due to Bleeding in Trauma Patients; an Analysis of the CRASH-2 Cohort. <i>PLoS ONE</i> , 2012, 7, e50603.	1.1	9
255	Structure-function Relationships in the Pancreatic Acinar Cell. , 2012, , 1341-1360.		6
256	NASH is an Inflammatory Disorder: Pathogenic, Prognostic and Therapeutic Implications. <i>Gut and Liver</i> , 2012, 6, 149-171.	1.4	334
257	Mammalian DNA Is an Endogenous Danger Signal That Stimulates Local Synthesis and Release of Complement Factor B. <i>Molecular Medicine</i> , 2012, 18, 851-860.	1.9	24
258	Mitochondrial DNA that escapes from autophagy causes inflammation and heart failure. <i>Nature</i> , 2012, 485, 251-255.	13.7	985
259	The thermal threshold of the Atlantic meridional overturning circulation and its control by wind stress forcing during glacial climate. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	55

#	ARTICLE	IF	CITATIONS
260	The phenoptosis problem: What is causing the death of an organism? Lessons from acute kidney injury. <i>Biochemistry (Moscow)</i> , 2012, 77, 742-753.	0.7	24
261	Into the Eye of the Cytokine Storm. <i>Microbiology and Molecular Biology Reviews</i> , 2012, 76, 16-32.	2.9	1,557
262	Cancer and Inflammation: An Old Intuition with Rapidly Evolving New Concepts. <i>Annual Review of Immunology</i> , 2012, 30, 677-706.	9.5	433
263	Peroxiredoxin family proteins are key initiators of post-ischemic inflammation in the brain. <i>Nature Medicine</i> , 2012, 18, 911-917.	15.2	375
264	Towards a Four-Dimensional View of Neutrophils. <i>Methods in Molecular Biology</i> , 2012, 844, 87-99.	0.4	6
265	Therapeutic Targeting of the Interleukin-6 Receptor. <i>Annual Review of Pharmacology and Toxicology</i> , 2012, 52, 199-219.	4.2	240
266	Peeking into the secret life of neutrophils. <i>Immunologic Research</i> , 2012, 53, 168-181.	1.3	22
267	Nucleic acids in circulation: Are they harmful to the host?. <i>Journal of Biosciences</i> , 2012, 37, 301-312.	0.5	62
268	Review of experimental animal models of biliary acute pancreatitis and recent advances in basic research. <i>Hpb</i> , 2012, 14, 73-81.	0.1	45
269	Mitochondrial permeability transition pore opening induces the initial process of renal calcium crystallization. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1207-1217.	1.3	46
270	Mechanistic overview of reactive species-induced degradation of the endothelial glycocalyx during hepatic ischemia/reperfusion injury. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1382-1402.	1.3	195
271	A non-peptide receptor inhibitor with selectivity for one of the neutrophil formyl peptide receptors, FPR 1. <i>Biochemical Pharmacology</i> , 2012, 83, 1655-1662.	2.0	14
272	Consequences of ineffective decellularization of biologic scaffolds on the host response. <i>Biomaterials</i> , 2012, 33, 1771-1781.	5.7	499
273	Central nervous system inflammation in disease related conditions: Mechanistic prospects. <i>Brain Research</i> , 2012, 1446, 144-155.	1.1	85
274	Graft rejection – endogenous or allogeneic?. <i>Immunology</i> , 2012, 136, 123-132.	2.0	12
275	Sepsis: Something old, something new, and a systems view. <i>Journal of Critical Care</i> , 2012, 27, 314.e1-314.e11.	1.0	95
276	Cytoskeletal dissolution blocks oxidant release and cell death in injured cartilage. <i>Journal of Orthopaedic Research</i> , 2012, 30, 593-598.	1.2	41
277	Protein C anticoagulant system – anti-inflammatory effects. <i>Seminars in Immunopathology</i> , 2012, 34, 127-132.	2.8	122

#	ARTICLE	IF	CITATIONS
278	Platelets: versatile effector cells in hemostasis, inflammation, and the immune continuum. <i>Seminars in Immunopathology</i> , 2012, 34, 5-30.	2.8	256
279	Mitochondrial DNA and inflammatory diseases. <i>Human Genetics</i> , 2012, 131, 161-173.	1.8	86
280	Altered responsiveness to extracellular ATP enhances acetaminophen hepatotoxicity. <i>Cell Communication and Signaling</i> , 2013, 11, 10.	2.7	46
281	NLR activation takes a direct route. <i>Trends in Biochemical Sciences</i> , 2013, 38, 131-139.	3.7	33
282	The "missing link" in autoimmunity and autism: Extracellular mitochondrial components secreted from activated live mast cells. <i>Autoimmunity Reviews</i> , 2013, 12, 1136-1142.	2.5	42
283	Immunosurveillance as a regulator of tissue homeostasis. <i>Trends in Immunology</i> , 2013, 34, 471-481.	2.9	50
284	Alterations in gene expression in <i>Caenorhabditis elegans</i> associated with organophosphate pesticide intoxication and recovery. <i>BMC Genomics</i> , 2013, 14, 291.	1.2	34
285	Mitochondrial-associated nitric oxide synthase activity inhibits cytochrome c oxidase: Implications for breast Cancer. <i>Free Radical Biology and Medicine</i> , 2013, 57, 210-220.	1.3	34
286	Podocyte energy metabolism and glomerular diseases. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2109-2118.	1.2	57
287	Isolated hearts treated with skeletal muscle homogenates exhibit altered function. <i>Cell Stress and Chaperones</i> , 2013, 18, 675-681.	1.2	2
288	Translation of hemodynamic stress to sterile inflammation in the heart. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 546-553.	3.1	31
289	Insight into mammalian mitochondrial DNA segregation. <i>Annals of Medicine</i> , 2013, 45, 149-155.	1.5	19
290	Cancer immunogenicity, danger signals, and DAMPs: What, when, and how?. <i>BioFactors</i> , 2013, 39, 355-367.	2.6	92
291	Severe Sepsis and Septic Shock. <i>New England Journal of Medicine</i> , 2013, 369, 840-851.	13.9	3,022
292	Treatment implications of the altered cytokine-insulin axis in neurodegenerative disease. <i>Biochemical Pharmacology</i> , 2013, 86, 862-871.	2.0	21
293	Sterile inflammation in the liver and pancreas. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 61-67.	1.4	27
294	Toll-like receptors in alcoholic liver disease, non-alcoholic steatohepatitis and carcinogenesis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 38-42.	1.4	230
295	Exogenous normal lymph alleviates lipopolysaccharide-induced acute kidney injury in rats. <i>Renal Failure</i> , 2013, 35, 806-811.	0.8	12

#	ARTICLE	IF	CITATIONS
296	Histones trigger sterile inflammation by activating the <sc>NLRP</sc>3 inflammasome. <i>European Journal of Immunology</i> , 2013, 43, 3336-3342.	1.6	128
297	Mitochondrial Dysfunction in Autism. <i>Seminars in Pediatric Neurology</i> , 2013, 20, 163-175.	1.0	79
298	Automated procedure for biomimetic de-cellularized lung scaffold supporting alveolar epithelial transdifferentiation. <i>Biomaterials</i> , 2013, 34, 10043-10055.	5.7	21
299	Trauma-associated human neutrophil alterations revealed by comparative proteomics profiling. <i>Proteomics - Clinical Applications</i> , 2013, 7, 571-583.	0.8	17
300	Loss of mitochondrial peptidase Clpp leads to infertility, hearing loss plus growth retardation via accumulation of CLPX, mtDNA and inflammatory factors. <i>Human Molecular Genetics</i> , 2013, 22, 4871-4887.	1.4	151
301	The conditional role of inflammation in pregnancy and cancer. <i>Clinical Nutrition</i> , 2013, 32, 460-465.	2.3	19
302	Cold-inducible RNA-binding protein (CIRP) triggers inflammatory responses in hemorrhagic shock and sepsis. <i>Nature Medicine</i> , 2013, 19, 1489-1495.	15.2	322
303	Light activation of the insulin receptor regulates mitochondrial hexokinase. A possible mechanism of retinal neuroprotection. <i>Mitochondrion</i> , 2013, 13, 566-576.	1.6	43
304	TLR9 Signaling in the Tumor Microenvironment Initiates Cancer Recurrence after Radiotherapy. <i>Cancer Research</i> , 2013, 73, 7211-7221.	0.4	71
305	Terminally Differentiated CD8 ⁺ T Cells Negatively Affect Bone Regeneration in Humans. <i>Science Translational Medicine</i> , 2013, 5, 177ra36.	5.8	250
306	Processes of Sterile Inflammation. <i>Journal of Immunology</i> , 2013, 191, 2857-2863.	0.4	159
307	Mitochondria and the Lectin Pathway of Complement. <i>Journal of Biological Chemistry</i> , 2013, 288, 8016-8027.	1.6	36
308	Toll-like receptor signaling adapter proteins govern spread of neuropathic pain and recovery following nerve injury in male mice. <i>Journal of Neuroinflammation</i> , 2013, 10, 148.	3.1	88
309	Operative care and surveillance in severe trauma patients. Interference between resuscitation treatments and anaesthesiology, and consequence on immunity. <i>Annales Francaises D'Anesthesie Et De Reanimation</i> , 2013, 32, 516-519.	1.4	1
310	High prevalence of infectious events in thrombotic thrombocytopenic purpura and genetic relationship with toll-like receptor 9 polymorphisms: experience of the French Thrombotic Microangiopathies Reference Center. <i>Transfusion</i> , 2013, 54, n/a-n/a.	0.8	25
311	Immune surveillance by the liver. <i>Nature Immunology</i> , 2013, 14, 996-1006.	7.0	815
312	Experimental sepsis-induced mitochondrial biogenesis is dependent on autophagy, TLR4, and TLR9 signaling in liver. <i>FASEB Journal</i> , 2013, 27, 4703-4711.	0.2	62
313	Acute Rejection After Swine Leukocyte Antigen-Matched Kidney Allo-Transplantation in Cloned Miniature Pigs With Different Mitochondrial DNA-Encoded Minor Histocompatibility Antigen. <i>Transplantation Proceedings</i> , 2013, 45, 1754-1760.	0.3	6

#	ARTICLE	IF	CITATIONS
314	Mitochondria and Autism Spectrum Disorders. , 2013, , 179-193.		4
315	Redox signaling mediated by the gut microbiota. Free Radical Research, 2013, 47, 950-957.	1.5	69
316	Mitochondrial DNA Genetics and the Heteroplasmy Conundrum in Evolution and Disease. Cold Spring Harbor Perspectives in Biology, 2013, 5, a021220-a021220.	2.3	496
317	IL-23-Independent Induction of IL-17 from $\gamma\delta$ T Cells and Innate Lymphoid Cells Promotes Experimental Intraocular Neovascularization. Journal of Immunology, 2013, 190, 1778-1787.	0.4	78
318	Toll-like Receptor Agonists and Febrile Range Hyperthermia Synergize to Induce Heat Shock Protein 70 Expression and Extracellular Release. Journal of Biological Chemistry, 2013, 288, 2756-2766.	1.6	59
319	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. Nature Immunology, 2013, 14, 41-51.	7.0	371
320	Transfusion-Associated Microchimerism: The Hybrid Within. Transfusion Medicine Reviews, 2013, 27, 10-20.	0.9	40
321	Elimination and active extrusion of liver mitochondrial proteins during lipopolysaccharide administration in rat. Hepatology Research, 2013, 43, 526-534.	1.8	12
322	Mitochondria in Vascular Health and Disease. Annual Review of Physiology, 2013, 75, 95-126.	5.6	192
323	Mitochondria in cardiac hypertrophy and heart failure. Journal of Molecular and Cellular Cardiology, 2013, 55, 31-41.	0.9	204
324	The role of innate immunity in HBV infection. Seminars in Immunopathology, 2013, 35, 23-38.	2.8	33
325	Reply. Hepatology, 2013, 57, 420-421.	3.6	1
326	The origin and the role of mitochondrial DNA in postinjury inflammation. Journal of Critical Care, 2013, 28, 1099-1100.	1.0	11
327	Profile of Toll-Like Receptors on Peripheral Blood Cells in Relation to Acute Graft-versus-Host Disease after Allogeneic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2013, 19, 227-234.	2.0	8
328	Hepatitis B virus core protein interacts with CD59 to promote complement-mediated liver inflammation during chronic hepatitis B virus infection. FEBS Letters, 2013, 587, 3314-3320.	1.3	10
329	Is a Subtype of Autism an Allergy of the Brain?. Clinical Therapeutics, 2013, 35, 584-591.	1.1	56
330	A toll-like receptor 9 antagonist reduces pain hypersensitivity and the inflammatory response in spinal cord injury. Neurobiology of Disease, 2013, 54, 194-205.	2.1	38
331	Common Endocrine Issues in the Pediatric Intensive Care Unit. Critical Care Clinics, 2013, 29, 335-358.	1.0	13

#	ARTICLE	IF	CITATIONS
332	Fibrosis. , 2013, , 167-186.		0
333	Necroptosis: The Release of Damage-Associated Molecular Patterns and Its Physiological Relevance. <i>Immunity</i> , 2013, 38, 209-223.	6.6	1,085
335	Regulation of wound healing and organ fibrosis by toll-like receptors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1005-1017.	1.8	118
336	DAMPs and autophagy. <i>Autophagy</i> , 2013, 9, 451-458.	4.3	118
337	Determination of apoptotic and necrotic cell death in vitro and in vivo. <i>Methods</i> , 2013, 61, 117-129.	1.9	193
338	Damage-Associated Molecular Patterns Control Neutrophil Recruitment. <i>Journal of Innate Immunity</i> , 2013, 5, 315-323.	1.8	169
339	Comparison of Methods for Whole-Organ Decellularization in Tissue Engineering of Bioartificial Organs. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 194-208.	2.5	133
340	Sustained tumour eradication after induced caspase-3 activation and synchronous tumour apoptosis requires an intact host immune response. <i>Cell Death and Differentiation</i> , 2013, 20, 765-773.	5.0	18
341	Mitochondrial dysfunction and the inflammatory response. <i>Mitochondrion</i> , 2013, 13, 106-118.	1.6	372
342	Succinate is an inflammatory signal that induces IL-1 β through HIF-1 α . <i>Nature</i> , 2013, 496, 238-242.	13.7	2,845
343	Impaired Mitochondrial Metabolism and Mammary Carcinogenesis. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2013, 18, 75-87.	1.0	16
344	Pattern recognition receptor function in neutrophils. <i>Trends in Immunology</i> , 2013, 34, 317-328.	2.9	155
345	Decoding cell death signals in liver inflammation. <i>Journal of Hepatology</i> , 2013, 59, 583-594.	1.8	755
346	Pneumonia-induced sepsis in mice: temporal study of inflammatory and cardiovascular parameters. <i>International Journal of Experimental Pathology</i> , 2013, 94, 144-155.	0.6	26
347	Mitochondrial Medicine. , 2013, , 1-153.		5
348	Diced Electrophoresis Gel Assay for Screening Enzymes with Specified Activities. <i>Journal of the American Chemical Society</i> , 2013, 135, 6002-6005.	6.6	31
349	Recent players in the field of acute myocardial infarction biomarkers: Circulating cell-free DNA or microRNAs?. <i>International Journal of Cardiology</i> , 2013, 168, 2956-2957.	0.8	18
350	A comprehensive characterization of membrane vesicles released by autophagic human endothelial cells. <i>Proteomics</i> , 2013, 13, 1108-1120.	1.3	91

#	ARTICLE	IF	CITATIONS
351	Circulating histones exacerbate inflammation in mice with acute liver failure. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2384-2391.	1.2	49
352	Identification of novel oligonucleotides from mitochondrial DNA that spontaneously induce plasmacytoid dendritic cell activation. <i>Journal of Leukocyte Biology</i> , 2013, 94, 123-135.	1.5	47
353	Characterization of the role of distinct plasma cell-free DNA species in age-associated inflammation and frailty. <i>Aging Cell</i> , 2013, 12, 388-397.	3.0	102
354	Neutrophils in innate and adaptive immunity. <i>Seminars in Immunopathology</i> , 2013, 35, 377-394.	2.8	221
355	Mitochondrial Uncoupler Carbonyl Cyanide m-Chlorophenylhydrazone Induces the Multimer Assembly and Activity of Repair Enzyme Protein I-Isoaspartyl Methyltransferase. <i>Journal of Molecular Neuroscience</i> , 2013, 50, 411-423.	1.1	7
356	Adaptive immunity after cell death. <i>Trends in Immunology</i> , 2013, 34, 329-335.	2.9	104
357	Mitochondria: sensors and mediators of innate immune receptor signaling. <i>Current Opinion in Microbiology</i> , 2013, 16, 327-338.	2.3	54
358	Microbiology and immunology of fish larvae. <i>Reviews in Aquaculture</i> , 2013, 5, S1.	4.6	122
359	Mitochondrial-mediated antiviral immunity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 225-232.	1.9	98
360	Plasma mitochondrial DNA levels in patients with trauma and severe sepsis: Time course and the association with clinical status. <i>Journal of Critical Care</i> , 2013, 28, 1027-1031.	1.0	105
361	Extracellular histones are essential effectors of C5aR and C5L2-mediated tissue damage and inflammation in acute lung injury. <i>FASEB Journal</i> , 2013, 27, 5010-5021.	0.2	188
362	Regulation of Lifespan by the Mitochondrial Electron Transport Chain: Reactive Oxygen Species-Dependent and Reactive Oxygen Species-Independent Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1953-1969.	2.5	59
363	Danger Signals in the Initiation of the Inflammatory Response after Myocardial Infarction. <i>Mediators of Inflammation</i> , 2013, 2013, 1-13.	1.4	101
364	Possible Involvement of TLRs and Hemichannels in Stress-Induced CNS Dysfunction via Mastocytes, and Glia Activation. <i>Mediators of Inflammation</i> , 2013, 2013, 1-17.	1.4	28
365	Recombinant Thrombomodulin Protects Mice against Histone-Induced Lethal Thromboembolism. <i>PLoS ONE</i> , 2013, 8, e75961.	1.1	135
366	Systemic Inflammatory Responses and Lung Injury following Hip Fracture Surgery Increases Susceptibility to Infection in Aged Rats. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	1.4	28
367	V101L of human formyl peptide receptor 1 (FPR1) increases receptor affinity and augments the antagonism mediated by cyclosporins. <i>Biochemical Journal</i> , 2013, 451, 245-255.	1.7	12
368	The Dendritic Cell Response to Classic, Emerging, and Homeostatic Danger Signals. Implications for Autoimmunity. <i>Frontiers in Immunology</i> , 2013, 4, 138.	2.2	149

#	ARTICLE	IF	CITATIONS
369	Th1/M1 Conversion to Th2/M2 Responses in Models of Inflammation Lacking Cell Death Stimulates Maturation of Monocyte Precursors to Fibroblasts. <i>Frontiers in Immunology</i> , 2013, 4, 287.	2.2	32
370	Circulating Mitochondrial DNA in Patients in the ICU as a Marker of Mortality: Derivation and Validation. <i>PLoS Medicine</i> , 2013, 10, e1001577.	3.9	354
371	Blood levels of histone-complexed DNA fragments are associated with coagulopathy, inflammation and endothelial damage early after trauma. <i>Journal of Emergencies, Trauma and Shock</i> , 2013, 6, 171.	0.3	59
372	The neuroinflammatory response of postoperative cognitive decline. <i>British Medical Bulletin</i> , 2013, 106, 161-178.	2.7	140
373	Early application of airway pressure release ventilation may reduce mortality in high-risk trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 635-641.	1.1	90
374	Elevated Levels of Plasma Mitochondrial DNA DAMPs Are Linked to Clinical Outcome in Severely Injured Human Subjects. <i>Annals of Surgery</i> , 2013, 258, 591-598.	2.1	213
375	Direct uptake and degradation of DNA by lysosomes. <i>Autophagy</i> , 2013, 9, 1167-1171.	4.3	104
376	Pathobiology of Cancer Regimen-Related Toxicities. , 2013, , .		5
377	The Plasma Mitochondrial DNA Is an Independent Predictor for Post-Traumatic Systemic Inflammatory Response Syndrome. <i>PLoS ONE</i> , 2013, 8, e72834.	1.1	92
378	Procalcitonin and mid-regional pro-adrenomedullin test combination in sepsis diagnosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1059-67.	1.4	64
379	Immunomodulation in transfused trauma patients. <i>Current Opinion in Anaesthesiology</i> , 2013, 26, 196-203.	0.9	13
380	TLR9 mediates cellular protection by modulating energy metabolism in cardiomyocytes and neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5109-5114.	3.3	83
381	An Integrated Clinico-Metabolomic Model Improves Prediction of Death in Sepsis. <i>Science Translational Medicine</i> , 2013, 5, 195ra95.	5.8	380
382	Endometriosis, a disease of the macrophage. <i>Frontiers in Immunology</i> , 2013, 4, 9.	2.2	218
383	NETosis and NADPH oxidase: at the intersection of host defense, inflammation, and injury. <i>Frontiers in Immunology</i> , 2013, 4, 45.	2.2	96
384	Changes and Regulation of the C5a Receptor on Neutrophils during Septic Shock in Humans. <i>Journal of Immunology</i> , 2013, 190, 4215-4225.	0.4	85
385	Lights, Camera, and Action: Vertebrate Skin Sets the Stage for Immune Cell Interaction with Arthropod-Vectored Pathogens. <i>Frontiers in Immunology</i> , 2013, 4, 286.	2.2	14
386	Role of interleukin-6 in the pathogenesis of neuromyelitis optica. <i>Clinical and Experimental Neuroimmunology</i> , 2013, 4, 167-172.	0.5	8

#	ARTICLE	IF	CITATIONS
387	Extension of the mitochondria dysfunction hypothesis of metabolic syndrome to atherosclerosis with emphasis on the endocrine-disrupting chemicals and biophysical laws. <i>Journal of Diabetes Investigation</i> , 2013, 4, 19-33.	1.1	8
388	Idiosyncratic Adverse Drug Reactions: Current Concepts. <i>Pharmacological Reviews</i> , 2013, 65, 779-808.	7.1	253
389	Sepsis: Multiple Abnormalities, Heterogeneous Responses, and Evolving Understanding. <i>Physiological Reviews</i> , 2013, 93, 1247-1288.	13.1	324
390	Purinergic signalling during sterile liver injury. <i>Liver International</i> , 2013, 33, 353-361.	1.9	6
391	Modeling nuclear molecule release during <i>in vitro</i> cell death. <i>Autoimmunity</i> , 2013, 46, 298-301.	1.2	16
392	Activation of NF- κ B after chronic ethanol intake and haemorrhagic shock/resuscitation in mice. <i>British Journal of Pharmacology</i> , 2013, 170, 506-518.	2.7	12
393	Endothelial MKK3 Is a Critical Mediator of Lethal Murine Endotoxemia and Acute Lung Injury. <i>Journal of Immunology</i> , 2013, 190, 1264-1275.	0.4	36
394	Trial Watch. <i>Oncolmmunology</i> , 2013, 2, e25238.	2.1	132
395	Propofol Inhibits Superoxide Production, Elastase Release, and Chemotaxis in Formyl Peptide-Activated Human Neutrophils by Blocking Formyl Peptide Receptor 1. <i>Journal of Immunology</i> , 2013, 190, 6511-6519.	0.4	169
396	NADPH Oxidase and Nrf2 Regulate Gastric Aspiration-Induced Inflammation and Acute Lung Injury. <i>Journal of Immunology</i> , 2013, 190, 1714-1724.	0.4	49
397	The long pentraxin PTX3: a candidate anti-inflammatory mediator in cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2013, 28, 100-108.	0.5	8
398	Immune System, Cell Senescence, Aging and Longevity - Inflamm-Aging Reappraised. <i>Current Pharmaceutical Design</i> , 2013, 19, 1675-1679.	0.9	80
399	FPR Ligands. , 2013, , 671-680.		2
400	Intravital Imaging of Neutrophil Recruitment in Hepatic Ischemia-Reperfusion Injury in Mice. <i>Transplantation</i> , 2013, 95, 551-558.	0.5	50
401	Selective roles for toll-like receptors 2, 4, and 9 in systemic inflammation and immune dysfunction following peripheral tissue injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 1454-1461.	1.1	20
402	DAMPs, PAMPs, and the Origins of SIRS in Bacterial Sepsis. <i>Shock</i> , 2013, 39, 113-114.	1.0	62
403	Isolated Mitochondria Infusion Mitigates Ischemia-Reperfusion Injury of the Liver in Rats. <i>Shock</i> , 2013, 39, 304-310.	1.0	88
404	Lipopolysaccharide and hemorrhagic shock cause systemic inflammation by different mechanisms. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 37-44.	1.1	14

#	ARTICLE	IF	CITATIONS
405	Single-nucleotide polymorphisms in the Toll-like receptor pathway increase susceptibility to infections in severely injured trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 862-870.	1.1	27
406	Synergistic effects of hypertonic saline and valproic acid in a lethal rat two-hit model. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 991-998.	1.1	17
407	Hemorrhagic shock and resuscitation are associated with peripheral blood mononuclear cell mitochondrial dysfunction and immunosuppression. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 24-31.	1.1	38
408	Synergistic Deleterious Effect of Hypoxemia and Hypovolemia on Microcirculation in Intestinal Villi*. <i>Critical Care Medicine</i> , 2013, 41, e376-e384.	0.4	23
409	AMPK dysregulation promotes diabetes-related reduction of superoxide and mitochondrial function. <i>Journal of Clinical Investigation</i> , 2013, 123, 4888-4899.	3.9	373
410	The Relationship between Cell-Free Circulating DNA and Inflammation in Acute Coronary Syndrome. <i>Cardiology</i> , 2013, 126, 124-125.	0.6	4
411	Activation of AMPK Enhances Neutrophil Chemotaxis and Bacterial Killing. <i>Molecular Medicine</i> , 2013, 19, 387-398.	1.9	87
412	Role of innate immunity in cardiac inflammation after myocardial infarction. <i>Frontiers in Bioscience - Scholar</i> , 2013, S5, 86-104.	0.8	20
413	Hydrogen Sulfide Donor NaHS Reduces Organ Injury in a Rat Model of Pneumococcal Pneumosepsis, Associated with Improved Bio-Energetic Status. <i>PLoS ONE</i> , 2013, 8, e63497.	1.1	42
414	Tissue Specificity of Decellularized Rhesus Monkey Kidney and Lung Scaffolds. <i>PLoS ONE</i> , 2013, 8, e64134.	1.1	130
415	Bronchoscopy-Derived Correlates of Lung Injury following Inhalational Injuries: A Prospective Observational Study. <i>PLoS ONE</i> , 2013, 8, e64250.	1.1	30
416	Antipurinergic Therapy Corrects the Autism-Like Features in the Poly(IC) Mouse Model. <i>PLoS ONE</i> , 2013, 8, e57380.	1.1	147
417	Epstein-Barr virus-driven lymphomagenesis in the context of human immunodeficiency virus type 1 infection. <i>Frontiers in Microbiology</i> , 2013, 4, 311.	1.5	34
418	Bioactive Secondary Metabolites of a Marine <i>Bacillus</i> sp. Inhibit Superoxide Generation and Elastase Release in Human Neutrophils by Blocking Formyl Peptide Receptor 1. <i>Molecules</i> , 2013, 18, 6455-6468.	1.7	10
419	Recognition of damage-associated molecular patterns related to nucleic acids during inflammation and vaccination. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 168.	1.8	136
420	Plasma Bacterial and Mitochondrial DNA Distinguish Bacterial Sepsis From Sterile Systemic Inflammatory Response Syndrome and Quantify Inflammatory Tissue Injury in Nonhuman Primates. <i>Shock</i> , 2013, 39, 55-62.	1.0	85
421	Advanced Pharmacotherapy Evidenced by Pathogenesis of Autism Spectrum Disorder. <i>Clinical Psychopharmacology and Neuroscience</i> , 2014, 12, 19-30.	0.9	21
422	Late Multiple Organ Surge in Interferon-Regulated Target Genes Characterizes Staphylococcal Enterotoxin B Lethality. <i>PLoS ONE</i> , 2014, 9, e88756.	1.1	21

#	ARTICLE	IF	CITATIONS
423	Formylpeptide Receptors Mediate Rapid Neutrophil Mobilization to Accelerate Wound Healing. PLoS ONE, 2014, 9, e90613.	1.1	57
424	Mitochondrial DAMPs Induce Endotoxin Tolerance in Human Monocytes: An Observation in Patients with Myocardial Infarction. PLoS ONE, 2014, 9, e95073.	1.1	45
425	N-Acetyl-Heparin Attenuates Acute Lung Injury Caused by Acid Aspiration Mainly by Antagonizing Histones in Mice. PLoS ONE, 2014, 9, e97074.	1.1	17
426	Toll-Like Receptor 9-Activation during Onset of Myocardial Ischemia Does Not Influence Infarct Extension. PLoS ONE, 2014, 9, e104407.	1.1	12
427	Hydrocortisone Fails to Abolish NF- κ B1 Protein Nuclear Translocation in Deletion Allele Carriers of the NFKB1 Promoter Polymorphism (-94ins/delATTG) and Is Associated with Increased 30-Day Mortality in Septic Shock. PLoS ONE, 2014, 9, e104953.	1.1	29
428	Self DNA from Lymphocytes That Have Undergone Activation-Induced Cell Death Enhances Murine B Cell Proliferation and Antibody Production. PLoS ONE, 2014, 9, e109095.	1.1	3
429	Circulatory Mitochondrial DNA Is a Pro-Inflammatory Agent in Maintenance Hemodialysis Patients. PLoS ONE, 2014, 9, e113179.	1.1	52
430	Spontaneous Neutrophil Migration Patterns during Sepsis after Major Burns. PLoS ONE, 2014, 9, e114509.	1.1	71
431	Paraoxonases and Chemokine (C α C Motif) Ligand-2 in Noncommunicable Diseases. Advances in Clinical Chemistry, 2014, 63, 247-308.	1.8	32
432	Heterogeneity in fibroblast proliferation and survival in idiopathic pulmonary fibrosis. Frontiers in Pharmacology, 2014, 5, 2.	1.6	60
433	Towards a Liquid Self: How Time, Geography, and Life Experiences Reshape the Biological Identity. Frontiers in Immunology, 2014, 5, 153.	2.2	51
434	Bioenergetic Dysfunction and Inflammation in Alzheimer's Disease: A Possible Connection. Frontiers in Aging Neuroscience, 2014, 6, 311.	1.7	38
435	Anti-Inflammatory Activity of Fruit Fractions in Vitro, Mediated through Toll-Like Receptor 4 and 2 in the Context of Inflammatory Bowel Disease. Nutrients, 2014, 6, 5265-5279.	1.7	19
436	Impact of Intravenous Ascorbic Acid Infusion on Novel Biomarkers in Patients with Severe Sepsis. Journal of Pulmonary & Respiratory Medicine, 2014, 04, .	0.1	14
437	Exogenous normal lymph reduces liver injury induced by lipopolysaccharides in rats. Brazilian Journal of Medical and Biological Research, 2014, 47, 128-134.	0.7	1
438	Oxidants in Acute and Chronic Lung Disease. Journal of Blood & Lymph, 2014, 04, .	0.0	15
439	Toll-Like Receptor 9 and Toll-Like Receptor 7 in the Development and Regulation of Systemic Autoimmune Disease. , 2014, , 133-152.		0
440	8.17 Sepsis und septischer Schock. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
441	Molecular mechanism and therapeutic modulation of high mobility group box 1 release and action: an updated review. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 713-727.	1.3	124
442	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	2.1	686
443	The impact of trauma on neutrophil function. <i>Injury</i> , 2014, 45, 1824-1833.	0.7	96
444	What can we learn from a critically ill mouse?. <i>Scandinavian Journal of Surgery</i> , 2014, 103, 225-225.	1.3	0
445	Trial Watch. <i>Oncolmmunology</i> , 2014, 3, e29179.	2.1	76
446	Mitochondrial damage-associated molecular patterns activate $\gamma\delta$ T-cells. <i>Innate Immunity</i> , 2014, 20, 261-268.	1.1	32
447	Roundoc Rx: Mitochondria and Disease—What Clinicians Need to Know and Why. <i>Alternative and Complementary Therapies</i> , 2014, 20, 5-10.	0.1	1
448	Transcellular degradation of axonal mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9633-9638.	3.3	476
449	Factors Influencing RBC Alloimmunization: Lessons Learned from Murine Models. <i>Transfusion Medicine and Hemotherapy</i> , 2014, 41, 406-419.	0.7	71
450	Genuine Immunomodulation With dSLIM. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e170.	2.3	25
451	Reversal of autism-like behaviors and metabolism in adult mice with single-dose antipurinergic therapy. <i>Translational Psychiatry</i> , 2014, 4, e400-e400.	2.4	112
452	State of the Art in the Clinical Treatment of Endotoxic Shock. <i>Blood Purification</i> , 2014, 37, 2-4.	0.9	0
453	PAMPs and DAMPs as triggers for DIC. <i>Journal of Intensive Care</i> , 2014, 2, 67.	1.3	113
454	Mitochondria released by cells undergoing TNF- α -induced necroptosis act as danger signals. <i>Cell Death and Disease</i> , 2014, 5, e1312-e1312.	2.7	163
455	Tissue regeneration in stroke: cellular and trophic mechanisms. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 957-967.	1.4	2
456	Mitochondrial nuclear genome interactions in non-alcoholic fatty liver disease in mice. <i>Biochemical Journal</i> , 2014, 461, 223-232.	1.7	41
457	Concise Review: Mesenchymal Stem Cells Ameliorate Tissue Injury via Secretion of Tumor Necrosis Factor- α -Stimulated Protein/Gene 6. <i>Stem Cells International</i> , 2014, 2014, 1-8.	1.2	11
458	Vitamin D—Do Our Patients Need Not Just a Room With a View, but One With Sunshine?*. <i>Critical Care Medicine</i> , 2014, 42, 1540-1542.	0.4	0

#	ARTICLE	IF	CITATIONS
459	Remote Inflammatory and Metabolic Impact of Acute Injury*. Critical Care Medicine, 2014, 42, 1539-1540.	0.4	0
460	Normal mesenteric lymph ameliorates acute kidney injury following lipopolysaccharide challenge in mice. Renal Failure, 2014, 36, 1304-1309.	0.8	6
461	Danger signals Æâ,~â€œ damaged-self recognition across the tree of life. Frontiers in Plant Science, 2014, 5, 578.	1.7	171
462	Emerging Evidence for Platelets as Immune and Inflammatory Effector Cells. Frontiers in Immunology, 2014, 5, 653.	2.2	55
463	Necroptosis: A Novel Way of Regulated Necrosis with Large Pathophysiological Implications. , 2014, , 153-161.		0
464	DNA Damage Responses in Atherosclerosis. , 2014, , 231-253.		0
465	Multiple Organ Dysfunction Syndrome. , 2014, , 457-473.		0
466	Systemic Infections and Sepsis. , 2014, , 111-126.		1
467	Adjuvants Targeting the DNA Sensing Pathways â€œ Alum Based Adjuvants. , 2014, , 271-312.		3
468	C.Âlegans Epidermal Wounding Induces a Mitochondrial ROS Burst that Promotes Wound Repair. Developmental Cell, 2014, 31, 48-60.	3.1	161
469	Cell death and autophagy in tuberculosis. Seminars in Immunology, 2014, 26, 497-511.	2.7	86
471	Practical Understanding of Hemostasis and Approach to the Bleeding Patient in the Operating Room. Advances in Anesthesia, 2014, 32, 1-21.	0.5	6
472	Quantitative proteomic study of myocardial mitochondria in urea transporter B knockout mice. Proteomics, 2014, 14, 2072-2083.	1.3	10
473	Proteomic mapping of proteins released during necrosis and apoptosis from cultured neonatal cardiac myocytes. American Journal of Physiology - Cell Physiology, 2014, 306, C639-C647.	2.1	32
474	The role of mitochondrial dysfunction in sepsis-induced multi-organ failure. Virulence, 2014, 5, 66-72.	1.8	440
475	Seasonal distribution of severe ADAMTS13 deficient idiopathic thrombotic thrombocytopenic purpura. Journal of Clinical Apheresis, 2014, 29, 113-119.	0.7	7
476	Intravascular immunity as a key to systemic vasculitis: a work in progress, gaining momentum. Clinical and Experimental Immunology, 2014, 175, 150-166.	1.1	29
477	Serum amyloid A induces interleukinâ€6 in dermal fibroblasts via <scp>T</scp>ollâ€like receptor 2, interleukinâ€1 receptorâ€associated kinase 4 and nuclear factorâ€i>â€B. Immunology, 2014, 143, 331-340.	2.0	58

#	ARTICLE	IF	CITATIONS
478	Hip fracture aggravates systemic inflammation and lung injury in aged chronic cigarette smoke exposed rats. <i>Journal of Orthopaedic Research</i> , 2014, 32, 24-30.	1.2	7
479	Mitochondrial injury and dysfunction in hypertension-induced cardiac damage. <i>European Heart Journal</i> , 2014, 35, 3258-3266.	1.0	61
480	Inflammatory triggers of acute rejection of organ allografts. <i>Immunological Reviews</i> , 2014, 258, 132-144.	2.8	105
481	Macrocyclic Inhibitors of GPCR's, Integrins and Protein-Protein Interactions. <i>RSC Drug Discovery Series</i> , 2014, , 283-338.	0.2	2
482	Fluid resuscitation and vasopressors in severe trauma patients. <i>Current Opinion in Critical Care</i> , 2014, 20, 632-637.	1.6	21
483	The Human Immune System Recognizes Neopeptides Derived from Mitochondrial DNA Deletions. <i>Journal of Immunology</i> , 2014, 192, 4581-4591.	0.4	11
484	The properties of microparticles from RAW 264.7 macrophage cells undergoing <i>in vitro</i> activation or apoptosis. <i>Innate Immunity</i> , 2014, 20, 239-248.	1.1	18
485	Acute traumatic coagulopathy. <i>Current Opinion in Critical Care</i> , 2014, 20, 638-645.	1.6	62
486	Mitochondrial damage-associated molecular patterns released by abdominal trauma suppress pulmonary immune responses. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 1222-1227.	1.1	24
487	Does Pharmacotherapy Influence the Inflammatory Responses During Cardiopulmonary Bypass in Children?. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 64, 191-197.	0.8	4
488	Cerebrospinal Fluid Mitochondrial DNA. <i>Shock</i> , 2014, 41, 499-503.	1.0	91
489	Methods to Study and Distinguish Necroptosis. , 2014, , 335-361.		3
490	Epileptic seizures as a manifestation of cow's milk allergy: a studied relationship and description of our pediatric experience. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1597-1609.	1.3	15
491	Powering the Immune System: Mitochondria in Immune Function and Deficiency. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8.	0.9	68
493	The Role of Nucleotides and Purinergic Signaling in Apoptotic Cell Clearance - Implications for Chronic Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2014, 5, 656.	2.2	36
494	Sepsis-induced Cardiac Mitochondrial Damage and Potential Therapeutic Interventions in the Elderly. , 2014, 5, 137-49.		14
495	Cytokines: Their Role in Stroke and Potential Use as Biomarkers and Therapeutic Targets. , 2014, 5, 294-306.		83
496	Plasmatic isoforms of cytokeratin 18 and RAGE after severe trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 577-584.	1.1	7

#	ARTICLE	IF	CITATIONS
497	The Complex Role of Neuroinflammation in Glaucoma. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a017269-a017269.	2.9	178
498	Nox Enzymes and New Thinking on Reactive Oxygen: A Double-Edged Sword Revisited. Annual Review of Pathology: Mechanisms of Disease, 2014, 9, 119-145.	9.6	389
499	Sulforaphane pretreatment prevents systemic inflammation and renal injury in response to cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 690-697.e3.	0.4	25
500	Persistent inflammation in HIV infection: Established concepts, new perspectives. Immunology Letters, 2014, 161, 184-188.	1.1	61
501	Phagocytes and Immunoglobulins. , 2014, , 95-113.		1
502	Damage-associated molecular patterns derived from mitochondria may contribute to the hemodialysis-associated inflammation. International Urology and Nephrology, 2014, 46, 107-112.	0.6	17
503	Regulation of angiogenesis, mural cell recruitment and adventitial macrophage behavior by Toll-like receptors. Angiogenesis, 2014, 17, 147-161.	3.7	35
504	Toll-like receptors hit calcium. EMBO Reports, 2014, 15, 468-469.	2.0	5
505	Mitochondrial dysfunction promotes and aggravates the inflammatory response in normal human synoviocytes. Rheumatology, 2014, 53, 1332-1343.	0.9	61
506	Novel RNA interference-based therapies for sepsis. Expert Opinion on Biological Therapy, 2014, 14, 419-435.	1.4	4
508	Decellularized Allogeneic and Xenogeneic Tissue as a Bioscaffold for Regenerative Medicine: Factors that Influence the Host Response. Annals of Biomedical Engineering, 2014, 42, 1517-1527.	1.3	242
509	Lipid mediators in immune dysfunction after severe inflammation. Trends in Immunology, 2014, 35, 12-21.	2.9	78
510	Herbal Medicines for Ischemic Stroke: Combating Inflammation as Therapeutic Targets. Journal of NeuroImmune Pharmacology, 2014, 9, 313-339.	2.1	69
511	Mitochondrial allostatic load puts the 'gluc' back in glucocorticoids. Nature Reviews Endocrinology, 2014, 10, 303-310.	4.3	296
512	Sepsis: Current Dogma and New Perspectives. Immunity, 2014, 40, 463-475.	6.6	533
513	General Features of Autoimmune Disease. , 2014, , 19-37.		11
514	Eco-immunology. , 2014, , .		4
515	Biological role of Toll-like receptor-4 in the brain. Journal of Neuroimmunology, 2014, 268, 1-12.	1.1	164

#	ARTICLE	IF	CITATIONS
516	Mitochondrial damage-associated molecular patterns and vascular function. <i>European Heart Journal</i> , 2014, 35, 1172-1177.	1.0	103
517	Chemokines and Chemokine Receptors: Positioning Cells for Host Defense and Immunity. <i>Annual Review of Immunology</i> , 2014, 32, 659-702.	9.5	1,559
518	Combating inflammaging through a Mediterranean whole diet approach: The NU-AGE project's conceptual framework and design. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 3-13.	2.2	131
519	Circulating mitochondrial DNA increases with age and is a familiar trait: Implications for "inflammaging". <i>European Journal of Immunology</i> , 2014, 44, 1552-1562.	1.6	305
520	Toll-like receptor signaling regulates cisplatin-induced mechanical allodynia in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 73, 25-34.	1.1	52
521	DAMPs activating innate and adaptive immune responses in COPD. <i>Mucosal Immunology</i> , 2014, 7, 215-226.	2.7	136
522	Pathophysiologic mechanisms in septic shock. <i>Laboratory Investigation</i> , 2014, 94, 4-12.	1.7	83
523	General Trauma Care and Related Aspects. , 2014, , .		5
524	Mitochondria: hub of injury responses in the developing brain. <i>Lancet Neurology</i> , The, 2014, 13, 217-232.	4.9	153
525	Toll-like receptors and damage-associated molecular patterns: novel links between inflammation and hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H184-H196.	1.5	148
526	Angiotensin II and the JNK pathway mediate urotensin II expression in response to hypoxia in rat cardiomyocytes. <i>Journal of Endocrinology</i> , 2014, 220, 233-246.	1.2	17
527	The role of oxidative stress during inflammatory processes. <i>Biological Chemistry</i> , 2014, 395, 203-230.	1.2	469
528	The Multifaceted Functions of Neutrophils. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2014, 9, 181-218.	9.6	958
529	Molecular determinants of sterile inflammation. <i>Current Opinion in Immunology</i> , 2014, 26, 147-156.	2.4	65
530	Bacterial Infections and the DNA Sensing Pathway. , 2014, , 153-169.		0
531	Beyond Tissue Injury"Damage-Associated Molecular Patterns, Toll-Like Receptors, and Inflammasomes Also Drive Regeneration and Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1387-1400.	3.0	236
532	Aag-initiated base excision repair promotes ischemia reperfusion injury in liver, brain, and kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4878-86.	3.3	38
533	Microbiota and mitobiota. Putting an equal sign between mitochondria and bacteria. <i>Biochemistry (Moscow)</i> , 2014, 79, 1017-1031.	0.7	39

#	ARTICLE	IF	CITATIONS
534	Mitochondrial anti-oxidant protects IEX-1 deficient mice from organ damage during endotoxemia. <i>International Immunopharmacology</i> , 2014, 23, 658-663.	1.7	15
535	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L604-L619.	1.3	74
536	Targeting HMGB1 in the treatment of sepsis. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 257-268.	1.5	125
537	The dark side of Toll-like receptor signaling. <i>Oncolmmunology</i> , 2014, 3, e27894.	2.1	8
538	Inflammation-induced DNA damage and damage-induced inflammation: a vicious cycle. <i>Microbes and Infection</i> , 2014, 16, 822-832.	1.0	67
539	Mitochondria in lung biology and pathology: more than just a powerhouse. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L962-L974.	1.3	158
540	A new kind of cell suicide: mechanisms and functions of programmed necrosis. <i>Trends in Biochemical Sciences</i> , 2014, 39, 587-593.	3.7	96
541	Both bone marrow-derived and non-bone marrow-derived cells contribute to <sc>AIM</sc>2 and <sc>NLRP</sc>3 inflammasome activation in a MyD88-dependent manner in dietary steatohepatitis. <i>Liver International</i> , 2014, 34, 1402-1413.	1.9	63
542	Towards the development of a bioengineered uterus: Comparison of different protocols for rat uterus decellularization. <i>Acta Biomaterialia</i> , 2014, 10, 5034-5042.	4.1	96
543	Complexity of Danger: The Diverse Nature of Damage-associated Molecular Patterns. <i>Journal of Biological Chemistry</i> , 2014, 289, 35237-35245.	1.6	501
544	Septic acute kidney injury: molecular mechanisms and the importance of stratification and targeting therapy. <i>Critical Care</i> , 2014, 18, 501.	2.5	60
545	Responses of macrophages to the danger signals released from necrotic cells. <i>International Immunology</i> , 2014, 26, 697-704.	1.8	20
546	Estrogen-provided cardiac protection following burn trauma is mediated through a reduction in mitochondria-derived DAMPs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H882-H894.	1.5	42
547	Mitochondrial DNA neutrophil extracellular traps are formed after trauma and subsequent surgery. <i>Journal of Critical Care</i> , 2014, 29, 1133.e1-1133.e5.	1.0	133
548	The systemic immune response to trauma: an overview of pathophysiology and treatment. <i>Lancet</i> , The, 2014, 384, 1455-1465.	6.3	607
549	Early Identification and Management of Patients with Severe Sepsis and Septic Shock in the Emergency Department. <i>Emergency Medicine Clinics of North America</i> , 2014, 32, 759-776.	0.5	9
550	Toll-like receptors in central nervous system injury and disease: A focus on the spinal cord. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 232-245.	2.0	77
551	IL-6 in Inflammation, Immunity, and Disease. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016295-a016295.	2.3	2,943

#	ARTICLE	IF	CITATIONS
553	Pattern recognition receptors and central nervous system repair. <i>Experimental Neurology</i> , 2014, 258, 5-16.	2.0	357
554	Structural Determinants for the Interaction of Formyl Peptide Receptor 2 with Peptide Ligands. <i>Journal of Biological Chemistry</i> , 2014, 289, 2295-2306.	1.6	57
555	Mitochondrial DNA damage and atherosclerosis. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 481-487.	3.1	99
556	Mitochondrial stress signaling in longevity: A new role for mitochondrial function in aging. <i>Redox Biology</i> , 2014, 2, 936-944.	3.9	115
557	Hepatocyte free cholesterol lipotoxicity results from JNK1-mediated mitochondrial injury and is HMGB1 and TLR4-dependent. <i>Journal of Hepatology</i> , 2014, 61, 1376-1384.	1.8	148
558	A new pathway for mitochondrial quality control: mitochondrial-derived vesicles. <i>EMBO Journal</i> , 2014, 33, 2142-2156.	3.5	641
559	Oxidative modification enhances the immunostimulatory effects of extracellular mitochondrial DNA on plasmacytoid dendritic cells. <i>Free Radical Biology and Medicine</i> , 2014, 77, 281-290.	1.3	59
560	The effect of evolving trauma care on the development of multiple organ dysfunction syndrome. <i>European Journal of Trauma and Emergency Surgery</i> , 2014, 40, 127-134.	0.8	6
561	Pathophysiology and biomarkers of acute respiratory distress syndrome. <i>Journal of Intensive Care</i> , 2014, 2, 32.	1.3	74
562	Uncontrolled sepsis: a systematic review of translational immunology studies in intensive care medicine. <i>Intensive Care Medicine Experimental</i> , 2014, 2, 6.	0.9	8
563	Serum-Mediated Activation of Macrophages Reflects TcVac2 Vaccine Efficacy against Chagas Disease. <i>Infection and Immunity</i> , 2014, 82, 1382-1389.	1.0	25
564	Chronic Inflammation (Inflammaging) and Its Potential Contribution to Age-Associated Diseases. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, S4-S9.	1.7	2,606
565	Lack of formyl peptide receptor 1 and 2 leads to more severe inflammation and higher mortality in mice with of pneumococcal meningitis. <i>Immunology</i> , 2014, 143, 447-461.	2.0	52
566	TRIL Is Involved in Cytokine Production in the Brain following <i>Escherichia coli</i> Infection. <i>Journal of Immunology</i> , 2014, 193, 1911-1919.	0.4	18
567	mtDNA haplogroup and single nucleotide polymorphisms structure human microbiome communities. <i>BMC Genomics</i> , 2014, 15, 257.	1.2	81
568	A transcriptomic reporter assay employing neutrophils to measure immunogenic activity of septic patients' plasma. <i>Journal of Translational Medicine</i> , 2014, 12, 65.	1.8	34
569	Inflammation-sleep interface in brain disease: TNF, insulin, orexin. <i>Journal of Neuroinflammation</i> , 2014, 11, 51.	3.1	76
570	Molecular diagnosis of sepsis: New aspects and recent developments. <i>European Journal of Microbiology and Immunology</i> , 2014, 4, 1-25.	1.5	167

#	ARTICLE	IF	CITATIONS
571	Blood transfusion products contain mitochondrial DNA damage-associated molecular patterns: a potential effector of transfusion-related acute lung injury. <i>Journal of Surgical Research</i> , 2014, 191, 286-289.	0.8	63
572	Normal protein content but abnormally inhibited enzyme activity in muscle carnitine palmitoyltransferase II deficiency. <i>Journal of the Neurological Sciences</i> , 2014, 339, 183-188.	0.3	13
573	Pediatric Human Immunodeficiency Virus infection and cancer in the Highly Active Antiretroviral Treatment (HAART) era. <i>Cancer Letters</i> , 2014, 347, 38-45.	3.2	35
574	Thalidomide prolongs survival after experimental musculoskeletal injury, through an effect on mononuclear apoptosis. <i>Journal of Surgical Research</i> , 2014, 188, 198-205.	0.8	2
575	The Role of Nonocclusive Sources of Acute Gut Injury in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 379-391.	0.6	12
576	A Tissue-Specific Role for Nlrp3 in Tubular Epithelial Repair after Renal Ischemia/Reperfusion. <i>American Journal of Pathology</i> , 2014, 184, 2013-2022.	1.9	67
577	Host Immune Response to Infection and Cancer: Unexpected Commonalities. <i>Cell Host and Microbe</i> , 2014, 15, 295-305.	5.1	134
578	Lipid Replacement Therapy: A natural medicine approach to replacing damaged lipids in cellular membranes and organelles and restoring function. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1657-1679.	1.4	97
579	Early Cytokine Dysregulation and Viral Replication Are Associated with Mortality During Lethal Influenza Infection. <i>Viral Immunology</i> , 2014, 27, 214-224.	0.6	37
580	The role of microglial activation in disease progression. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1288-1295.	1.4	91
581	Danger-Associated Molecular Patterns and Danger Signals in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 163-168.	1.4	66
582	Mitochondrial transcription factor A (Tfam) is a pro-inflammatory extracellular signaling molecule recognized by brain microglia. <i>Molecular and Cellular Neurosciences</i> , 2014, 60, 88-96.	1.0	57
583	Cold-inducible RNA-binding protein mediates neuroinflammation in cerebral ischemia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2253-2261.	1.1	82
584	The Translocation of Nuclear Molecules During Inflammation and Cell Death. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1117-1125.	2.5	44
586	Post-ischemic inflammation regulates neural damage and protection. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 319.	1.8	153
587	Mitochondrial DNA induces inflammation and increases TLR9/NF- κ B expression in lung tissue. <i>International Journal of Molecular Medicine</i> , 2014, 33, 817-824.	1.8	186
588	Platelets release mitochondria serving as substrate for bactericidal group IIA-secreted phospholipase A2 to promote inflammation. <i>Blood</i> , 2014, 124, 2173-2183.	0.6	513
589	Defining Traumatic Injury as a Disease. , 2014, , 49-63.		0

#	ARTICLE	IF	CITATIONS
590	Hypothermic Oxygenated Perfusion (HOPE) Downregulates the Immune Response in a Rat Model of Liver Transplantation. <i>Annals of Surgery</i> , 2014, 260, 931-938.	2.1	106
591	Inflammatory response to trauma. <i>Current Opinion in Anaesthesiology</i> , 2014, 27, 246-252.	0.9	52
592	Pathogenesis of infection in surgical patients. <i>Current Opinion in Critical Care</i> , 2015, 21, 343-350.	1.6	19
593	DNA: Adding injury to insult. <i>Hepatology</i> , 2015, 61, 35-36.	3.6	2
594	Extracellular DNA and histones: double-edged swords in immunothrombosis. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, S82-S91.	1.9	170
595	Silencing of uncoupling protein 2 by small interfering RNA aggravates mitochondrial dysfunction in cardiomyocytes under septic conditions. <i>International Journal of Molecular Medicine</i> , 2015, 35, 1525-1536.	1.8	40
596	Soluble urokinase-type plasminogen activator receptor (suPAR) – a possible biomarker for bacteremia in sepsis / Forma solubilă a receptorului pentru activatorul de plasminogen de tip urokinază (suPAR) – un biomarker posibil pentru bacteriemie în sepsis. <i>Romanian Journal of Laboratory Medicine</i> , 2015, 23, .	0.1	8
597	Imaging the dynamic platelet-neutrophil response in sterile liver injury and repair in mice. <i>Hepatology</i> , 2015, 62, 1593-1605.	3.6	110
598	Serum interleukin-6 level as an early marker of injury severity in trauma patients in an urban low-income setting: a cross-sectional study. <i>BMC Emergency Medicine</i> , 2015, 15, 22.	0.7	31
599	Wakayama symposium: interface between innate and adaptive immunity in dry eye disease. <i>BMC Ophthalmology</i> , 2015, 15, 159.	0.6	4
600	Variation of perioperative plasma mitochondrial DNA correlate with peak inflammatory cytokines caused by cardiac surgery with cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 85.	0.4	27
601	Circulating Histone Levels Reflect Disease Severity in Animal Models of Acute Pancreatitis. <i>Pancreas</i> , 2015, 44, 1089-1095.	0.5	36
602	Influence of the timing of internal fixation of femur fractures during shock resuscitation on remote organ damage. <i>ANZ Journal of Surgery</i> , 2015, 85, 966-971.	0.3	8
603	Microvesicles from platelets: novel drivers of vascular inflammation. <i>Thrombosis and Haemostasis</i> , 2015, 114, 228-236.	1.8	88
604	The tissue factor pathway mediates both activation of coagulation and coagulopathy after injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 1009-1014.	1.1	16
605	Innate immunity against molecular mimicry: Examining galectin-mediated antimicrobial activity. <i>BioEssays</i> , 2015, 37, 1327-1337.	1.2	27
606	Neutrophil Extracellular Trap Mitochondrial DNA and Its Autoantibody in Systemic Lupus Erythematosus and a Proof-of-Concept Trial of Metformin. <i>Arthritis and Rheumatology</i> , 2015, 67, 3190-3200.	2.9	238
607	Plasma nuclear and mitochondrial DNA levels in acute myocardial infarction patients. <i>Coronary Artery Disease</i> , 2015, 26, 286-288.	0.3	15

#	ARTICLE	IF	CITATIONS
608	Comparison of the Proinflammatory and Procoagulant Properties of Nuclear, Mitochondrial, and Bacterial DNA. <i>Shock</i> , 2015, 44, 265-271.	1.0	92
609	Clinical evidence of inflammation driving secondary brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 184-191.	1.1	152
610	Fight or flight. <i>Current Opinion in Hematology</i> , 2015, 22, 293-301.	1.2	29
611	Reduced cerebrospinal fluid mitochondrial DNA is a biomarker for early-stage Parkinson's disease. <i>Annals of Neurology</i> , 2015, 78, 1000-1004.	2.8	106
612	The Involvement of Danger-Associated Molecular Patterns in the Development of Immunoparalysis in Cardiac Arrest Patients. <i>Critical Care Medicine</i> , 2015, 43, 2332-2338.	0.4	26
613	Mitochondrial DNA and Toll-Like Receptor-9 Are Associated With Mortality in Critically Ill Patients. <i>Critical Care Medicine</i> , 2015, 43, 2633-2641.	0.4	60
614	Plasma nuclear and mitochondrial DNA levels in acute myocardial infarction patients. <i>Coronary Artery Disease</i> , 2015, 26, 296-300.	0.3	72
615	Significance of Serum mtDNA Concentration in Lung Injury Induced by Hip Fracture. <i>Shock</i> , 2015, 44, 52-57.	1.0	43
616	A "CLEAN CASE" OF SYSTEMIC INJURY. <i>Shock</i> , 2015, 44, 336-340.	1.0	21
617	An Overview of Proteomics on Sepsis. , 2015, 5, .		3
619	Massive blood transfusion in trauma care. , 2015, , 93-104.		0
620	Highlight: Mitochondrial Mechanisms in Septic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20095-20099.	1.8	0
621	Pro-Coagulant Endothelial Dysfunction Results from EHEC Shiga Toxins and Host Damage-Associated Molecular Patterns. <i>Frontiers in Immunology</i> , 2015, 6, 155.	2.2	12
622	Prognostic and Predictive Value of DAMPs and DAMP-Associated Processes in Cancer. <i>Frontiers in Immunology</i> , 2015, 6, 402.	2.2	135
623	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	2.2	317
624	Traumatic Brain Injury and Peripheral Immune Suppression: Primer and Prospectus. <i>Frontiers in Neurology</i> , 2015, 6, 235.	1.1	110
625	Retinal Microglial Activation Following Topical Application of Intracellular Toll-Like Receptor Ligands. , 2015, 56, 7377.		12
626	Mitochondrial DNA Released by Trauma Induces Neutrophil Extracellular Traps. <i>PLoS ONE</i> , 2015, 10, e0120549.	1.1	157

#	ARTICLE	IF	CITATIONS
627	Time-Dependent and Organ-Specific Changes in Mitochondrial Function, Mitochondrial DNA Integrity, Oxidative Stress and Mononuclear Cell Infiltration in a Mouse Model of Burn Injury. PLoS ONE, 2015, 10, e0143730.	1.1	65
628	The Reg3 β (HIP/PAP) Lectin Suppresses Extracellular Oxidative Stress in a Murine Model of Acute Liver Failure. PLoS ONE, 2015, 10, e0125584.	1.1	13
629	Extracts of Feijoa Inhibit Toll-Like Receptor 2 Signaling and Activate Autophagy Implicating a Role in Dietary Control of IBD. PLoS ONE, 2015, 10, e0130910.	1.1	11
630	Identification of Predictive Early Biomarkers for Sterile-SIRS after Cardiovascular Surgery. PLoS ONE, 2015, 10, e0135527.	1.1	38
631	TLR9 Mediates Remote Liver Injury following Severe Renal Ischemia Reperfusion. PLoS ONE, 2015, 10, e0137511.	1.1	36
632	Sustained Toll-Like Receptor 9 Activation Promotes Systemic and Cardiac Inflammation, and Aggravates Diastolic Heart Failure in SERCA2a KO Mice. PLoS ONE, 2015, 10, e0139715.	1.1	13
633	The trajectory of life. Decreasing physiological network complexity through changing fractal patterns. Frontiers in Physiology, 2015, 6, 169.	1.3	46
634	Addressing the Global Burden of Trauma in Major Surgery. Frontiers in Surgery, 2015, 2, 43.	0.6	74
635	DNaseI Protects against Paraquat-Induced Acute Lung Injury and Pulmonary Fibrosis Mediated by Mitochondrial DNA. BioMed Research International, 2015, 2015, 1-10.	0.9	14
636	Role of the RAGE Axis during the Immune Response after Severe Trauma: A Prospective Pilot Study. Mediators of Inflammation, 2015, 2015, 1-9.	1.4	7
637	Sepsis: From Pathophysiology to Individualized Patient Care. Journal of Immunology Research, 2015, 2015, 1-13.	0.9	64
638	Scaffolds from Surgically Removed Kidneys as a Potential Source of Organ Transplantation. BioMed Research International, 2015, 2015, 1-8.	0.9	6
639	The Immediate Intramedullary Nailing Surgery Increased the Mitochondrial DNA Release That Aggravated Systemic Inflammatory Response and Lung Injury Induced by Elderly Hip Fracture. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	19
640	Pathogenesis of Multiple Organ Failure in Sepsis. Critical Reviews in Immunology, 2015, 35, 277-291.	1.0	105
641	BACE-1, PS-1 and sAPP β Levels Are Increased in Plasma from Sporadic Inclusion Body Myositis Patients: Surrogate Biomarkers among Inflammatory Myopathies. Molecular Medicine, 2015, 21, 817-823.	1.9	12
642	Plasma Mitochondrial DNA Levels as a Biomarker of Lipodystrophy Among HIV-infected Patients Treated with Highly Active Antiretroviral Therapy (HAART).. Current Molecular Medicine, 2015, 15, 975-979.	0.6	6
643	Innate immunity gene expression changes in critically ill patients with sepsis and disease-related malnutrition. Central-European Journal of Immunology, 2015, 3, 311-324.	0.4	14
644	Purinergic Signaling and Energy Homeostasis in Psychiatric Disorders. Current Molecular Medicine, 2015, 15, 275-295.	0.6	50

#	ARTICLE	IF	CITATIONS
645	Ultrastructural lung pathology following brain injury combined with femur shaft fracture in a rat model. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 558-564.	1.1	5
646	TLR9 signalling in microglia attenuates seizure-induced aberrant neurogenesis in the adult hippocampus. <i>Nature Communications</i> , 2015, 6, 6514.	5.8	104
647	Degradation systems in heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 212-222.	0.9	27
648	Prevalence of antimitochondrial antibodies in autism spectrum subjects. <i>Future Neurology</i> , 2015, 10, 203-209.	0.9	2
649	The Biology of CNAPS. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2015, , 15-41.	0.6	2
650	The Mucosal Microbiome. , 2015, , 63-77.		2
651	MGN1703, an immunomodulator and toll-like receptor 9 (TLR-9) agonist: From bench to bedside. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 94, 31-44.	2.0	66
652	Pure mitochondrial DNA does not activate human neutrophils in vitro. <i>Biochemistry (Moscow)</i> , 2015, 80, 629-635.	0.7	21
653	Carbon monoxide negatively regulates NLRP3 inflammasome activation in macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L1058-L1067.	1.3	61
654	Circulating mitochondrial DNA and Toll-like receptor 9 are associated with vascular dysfunction in spontaneously hypertensive rats. <i>Cardiovascular Research</i> , 2015, 107, 119-130.	1.8	149
655	The Need to Recognize the Pulmonary Circulation and the Right Ventricle as an Integrated Functional Unit: Facts and Hypotheses (2013 Grover Conference series). <i>Pulmonary Circulation</i> , 2015, 5, 81-89.	0.8	24
656	Circulating Mitochondrial DAMPs Are Not Effective Inducers of Proteinuria and Kidney Injury in Rodents. <i>PLoS ONE</i> , 2015, 10, e0124469.	1.1	24
657	Toll-Like Receptor 9 Signaling Regulates Tissue Factor and Tissue Factor Pathway Inhibitor Expression in Human Endothelial Cells and Coagulation in Mice. <i>Critical Care Medicine</i> , 2015, 43, e179-e189.	0.4	24
658	Intravital autofluorescence 2-photon microscopy of murine intestinal mucosa with ultra-broadband femtosecond laser pulse excitation: image quality, photodamage, and inflammation. <i>Journal of Biomedical Optics</i> , 2015, 20, 1.	1.4	6
659	Personalizing blood pressure management in septic shock. <i>Annals of Intensive Care</i> , 2015, 5, 41.	2.2	94
660	Mitochondrial DNA-LL-37 Complex Promotes Atherosclerosis by Escaping from Autophagic Recognition. <i>Immunity</i> , 2015, 43, 1137-1147.	6.6	91
661	Role of Complement on Broken Surfaces After Trauma. <i>Advances in Experimental Medicine and Biology</i> , 2015, 865, 43-55.	0.8	28
662	TLR2 and TLR9 contribute to alcohol-mediated liver injury through induction of CXCL1 and neutrophil infiltration. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G30-G41.	1.6	113

#	ARTICLE	IF	CITATIONS
663	Telomerase Deficiency Causes Alveolar Stem Cell Senescence-associated Low-grade Inflammation in Lungs. <i>Journal of Biological Chemistry</i> , 2015, 290, 30813-30829.	1.6	72
664	Role of fetal DNA in preeclampsia (Review). <i>International Journal of Molecular Medicine</i> , 2015, 35, 299-304.	1.8	5
665	Aggravated Liver Injury but Attenuated Inflammation in PTPRO-Deficient Mice Following LPS/D-GaIN Induced Fulminant Hepatitis. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 214-224.	1.1	17
666	Increased toll-like receptor 9 expression is associated with the severity of paraquat-induced lung injury in mice. <i>Human and Experimental Toxicology</i> , 2015, 34, 430-438.	1.1	19
667	MD-2 is required for disulfide HMGB1-dependent TLR4 signaling. <i>Journal of Experimental Medicine</i> , 2015, 212, 5-14.	4.2	295
668	Modeling acute traumatic injury. <i>Journal of Surgical Research</i> , 2015, 194, 220-232.	0.8	51
669	Molecular mechanisms of maternal vascular dysfunction in preeclampsia. <i>Trends in Molecular Medicine</i> , 2015, 21, 88-97.	3.5	156
671	Mitochondrial <i>N</i> -formyl peptides induce cardiovascular collapse and sepsis-like syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H768-H777.	1.5	67
672	Circulating TNF and mitochondrial DNA are major determinants of neutrophil phenotype in the advanced-age, frail elderly. <i>Molecular Immunology</i> , 2015, 65, 148-156.	1.0	45
673	Sustained Activation of Toll-Like Receptor 9 Induces an Invasive Phenotype in Lung Fibroblasts. <i>American Journal of Pathology</i> , 2015, 185, 943-957.	1.9	43
674	Epidermal Wound Healing in the Nematode <i>Caenorhabditis elegans</i> . <i>Advances in Wound Care</i> , 2015, 4, 264-271.	2.6	13
675	Mitochondria: diversity in the regulation of the NLRP3 inflammasome. <i>Trends in Molecular Medicine</i> , 2015, 21, 193-201.	3.5	302
676	Damage response involves mechanisms conserved across plants, animals and fungi. <i>Current Genetics</i> , 2015, 61, 359-372.	0.8	48
678	Nanomaterial Applications in Multiple Sclerosis Inflamed Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 1-13.	2.1	15
679	The Chemokine System in Innate Immunity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016303.	2.3	564
680	Necroptosis suppresses inflammation via termination of TNF- or LPS-induced cytokine and chemokine production. <i>Cell Death and Differentiation</i> , 2015, 22, 1313-1327.	5.0	116
681	Cationic nanocarriers induce cell necrosis through impairment of Na ⁺ /K ⁺ -ATPase and cause subsequent inflammatory response. <i>Cell Research</i> , 2015, 25, 237-253.	5.7	218
682	Mitochondrial Lysates Induce Inflammation and Alzheimer's Disease-Relevant Changes in Microglial and Neuronal Cells. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 305-318.	1.2	67

#	ARTICLE	IF	CITATIONS
683	Mitochondrially targeted Endonuclease III has a powerful anti-infarct effect in an in vivo rat model of myocardial ischemia/reperfusion. <i>Basic Research in Cardiology</i> , 2015, 110, 3.	2.5	55
684	The WOMED model of benign thyroid disease: Acquired magnesium deficiency due to physical and psychological stressors relates to dysfunction of oxidative phosphorylation. <i>BBA Clinical</i> , 2015, 3, 44-64.	4.1	22
685	Increased circulating cell-free DNA levels and mtDNA fragments in interventional cardiologists occupationally exposed to low levels of ionizing radiation. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 293-300.	0.9	20
686	Affinity maturation of a novel antagonistic human monoclonal antibody with a long V _H CDR3 targeting the Class A GPCR formyl-peptide receptor 1. <i>MAbs</i> , 2015, 7, 152-166.	2.6	36
687	The Acute Respiratory Distress Syndrome: From Mechanism to Translation. <i>Journal of Immunology</i> , 2015, 194, 855-860.	0.4	308
688	Influence of 4 weeks of bovine colostrum supplementation on neutrophil and mucosal immune responses to prolonged cycling. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 788-796.	1.3	15
689	Novel proresolving and tissue-regenerative resolvin and protectin sulfido-conjugated pathways. <i>FASEB Journal</i> , 2015, 29, 2120-2136.	0.2	100
690	Circulating levels of platelet α -granule cytokines in trauma patients. <i>Inflammation Research</i> , 2015, 64, 235-241.	1.6	12
691	Platelet mitochondrial dysfunction in critically ill patients: comparison between sepsis and cardiogenic shock. <i>Critical Care</i> , 2015, 19, 39.	2.5	41
692	Hypoxia induced HMGB1 and mitochondrial DNA interactions mediate tumor growth in hepatocellular carcinoma through Toll-like receptor 9. <i>Journal of Hepatology</i> , 2015, 63, 114-121.	1.8	189
693	Anti-Interleukin-6 Receptor Antibody Therapy Against Autoimmune Inflammatory Diseases. , 2015, , 515-525.		0
694	Mitochondria: A target for bacteria. <i>Biochemical Pharmacology</i> , 2015, 94, 173-185.	2.0	74
695	Local hemostasis, immunothrombosis, and systemic disseminated intravascular coagulation in trauma and traumatic shock. <i>Critical Care</i> , 2015, 19, 72.	2.5	100
696	Methods of tissue decellularization used for preparation of biologic scaffolds and in vivo relevance. <i>Methods</i> , 2015, 84, 25-34.	1.9	472
697	Mitochondrial alarmins released by degenerating motor axon terminals activate perisynaptic Schwann cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E497-505.	3.3	59
698	Cardiac Metabolic Alterations in Hypertensive Obese Pigs. <i>Hypertension</i> , 2015, 66, 430-436.	1.3	32
699	Hemostasis and Thrombosis in Trauma Patients. <i>Seminars in Thrombosis and Hemostasis</i> , 2015, 41, 026-034.	1.5	24
700	The Role of Formylated Peptides and Formyl Peptide Receptor 1 in Governing Neutrophil Function during Acute Inflammation. <i>American Journal of Pathology</i> , 2015, 185, 1172-1184.	1.9	191

#	ARTICLE	IF	CITATIONS
701	Mechanisms by Which Different Functional States of Mitochondria Define Yeast Longevity. <i>International Journal of Molecular Sciences</i> , 2015, 16, 5528-5554.	1.8	27
702	Sepsis-Induced Acute Kidney Injury. <i>Critical Care Clinics</i> , 2015, 31, 649-660.	1.0	71
703	Successful acquisition of a neutralizing monoclonal antibody against a novel neutrophil-activating peptide, mitocryptide-1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 54-59.	1.0	3
704	Association between early airway damage-associated molecular patterns and subsequent bacterial infection in patients with inhalational and burn injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L855-L860.	1.3	31
705	Delayed Reperfusion Deficits after Experimental Stroke Account for Increased Pathophysiology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 277-284.	2.4	37
706	Innate Immune Activation by Tissue Injury and Cell Death in the Setting of Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2015, 6, 101.	2.2	22
707	Mitochondrial DNA: A disposable genome?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1805-1809.	1.8	61
708	Defective cytokine production early after multiple traumas: Modulation in severe sepsis. <i>Cytokine</i> , 2015, 76, 222-226.	1.4	16
709	BioVaM in the Rat Model: A New Approach of Vascularized 3D Tissue for Esophageal Replacement. <i>European Journal of Pediatric Surgery</i> , 2015, 25, 181-188.	0.7	2
710	The Roles of Mitochondrial Damage-Associated Molecular Patterns in Diseases. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1329-1350.	2.5	229
711	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. <i>FASEB Journal</i> , 2015, 29, 3612-3625.	0.2	20
712	Extrusion of mitochondrial contents from lipopolysaccharide-stimulated cells: Involvement of autophagy. <i>Autophagy</i> , 2015, 11, 1520-1536.	4.3	61
713	Dealing with Danger in the CNS: The Response of the Immune System to Injury. <i>Neuron</i> , 2015, 87, 47-62.	3.8	252
714	Pathways to Parkinsonism Redux: convergent pathobiological mechanisms in genetics of Parkinson's disease. <i>Human Molecular Genetics</i> , 2015, 24, R32-R44.	1.4	73
715	Toll-like receptor 9 plays a key role in the autonomic cardiac and baroreflex control of arterial pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R714-R723.	0.9	15
716	Initiation and perpetuation of NLRP3 inflammasome activation and assembly. <i>Immunological Reviews</i> , 2015, 265, 35-52.	2.8	651
717	Nonalcoholic Fatty Liver Disease, Diabetes, Obesity, and Hepatocellular Carcinoma. <i>Clinics in Liver Disease</i> , 2015, 19, 361-379.	1.0	160
718	Intratracheal administration of mitochondrial DNA directly provokes lung inflammation through the TLR9-p38 MAPK pathway. <i>Free Radical Biology and Medicine</i> , 2015, 83, 149-158.	1.3	76

#	ARTICLE	IF	CITATIONS
719	The role of oxidative stress, antioxidants and vascular inflammation in cardiovascular disease (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.0	707
720	Recruitment of Gr1+CD11b+F4/80+ Population in the Bone Marrow and Spleen by Irradiation-Induced Pulmonary Damage. <i>Inflammation</i> , 2015, 38, 465-475.	1.7	2
721	N-Formyl peptides drive mitochondrial damage associated molecular pattern induced neutrophil activation through ERK1/2 and P38 MAP kinase signalling pathways. <i>Injury</i> , 2015, 46, 975-984.	0.7	66
722	Thrombomodulin/activated protein C system in septic disseminated intravascular coagulation. <i>Journal of Intensive Care</i> , 2015, 3, 1.	1.3	102
723	Man is the new mouse: Elective surgery as a key translational model for multi-organ dysfunction and sepsis. <i>Journal of the Intensive Care Society</i> , 2015, 16, 154-163.	1.1	3
724	Activated skin T-cells regulate T-cell infiltration of the wound site after burn. <i>Innate Immunity</i> , 2015, 21, 140-150.	1.1	28
725	eIF2 γ phosphorylation as a biomarker of immunogenic cell death. <i>Seminars in Cancer Biology</i> , 2015, 33, 86-92.	4.3	95
726	Mitochondrial autophagy: Origins, significance, and role of BNIP3 and NIX. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2775-2783.	1.9	256
727	Mitochondria in the Regulation of Innate and Adaptive Immunity. <i>Immunity</i> , 2015, 42, 406-417.	6.6	693
728	Mechanisms of chemotherapy-induced behavioral toxicities. <i>Frontiers in Neuroscience</i> , 2015, 9, 131.	1.4	133
729	Increased serum levels of LL37, HMGB1 and S100A9 during exacerbation in COPD patients. <i>European Respiratory Journal</i> , 2015, 45, 1482-1485.	3.1	49
730	Perception of self: distinguishing autoimmunity from autoinflammation. <i>Nature Reviews Rheumatology</i> , 2015, 11, 483-492.	3.5	88
731	Genomics of injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 671-686.	1.1	74
732	Cell necrosis-independent sustained mitochondrial and nuclear DNA release following trauma surgery. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 282-288.	1.1	57
733	Mitochondrial damage-associated molecular patterns from fractures suppress pulmonary immune responses via formyl peptide receptors 1 and 2. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 272-281.	1.1	32
734	Innate immunity for better or worse govern the allograft response. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 8-12.	0.8	17
735	Mitochondria in autoinflammation: cause, mediator or bystander?. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 263-271.	3.1	25
736	Mitochondrial DNA damage-associated molecular patterns mediate a feed-forward cycle of bacteria-induced vascular injury in perfused rat lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L1078-L1085.	1.3	59

#	ARTICLE	IF	CITATIONS
737	BMP2 Preserves Mitochondrial Function and DNA during Reoxygenation to Promote Endothelial Cell Survival and Reverse Pulmonary Hypertension. <i>Cell Metabolism</i> , 2015, 21, 596-608.	7.2	167
738	Targeting Neutrophils in Ischemic Stroke: Translational Insights from Experimental Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 888-901.	2.4	405
739	Redox signalling and mitochondrial stress responses; lessons from inborn errors of metabolism. <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 703-719.	1.7	59
740	ABCDE of Trauma Care. , 2015, , 1-6.		0
741	Resistance of Dynamin-related Protein 1 Oligomers to Disassembly Impairs Mitophagy, Resulting in Myocardial Inflammation and Heart Failure. <i>Journal of Biological Chemistry</i> , 2015, 290, 25907-25919.	1.6	50
742	Dichotomous roles for externalized cardiolipin in extracellular signaling: Promotion of phagocytosis and attenuation of innate immunity. <i>Science Signaling</i> , 2015, 8, ra95.	1.6	62
743	A Tumor Mitochondria Vaccine Protects against Experimental Renal Cell Carcinoma. <i>Journal of Immunology</i> , 2015, 195, 4020-4027.	0.4	24
744	The mitochondria-targeted anti-oxidant MitoQ decreases ischemia-reperfusion injury in a murine syngeneic heart transplant model. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1471-1480.	0.3	78
745	Airway Anatomy. , 2015, , 93-98.		0
746	Immunesenescence and inflammaging: A contributory factor in the poor outcome of the geriatric trauma patient. <i>Ageing Research Reviews</i> , 2015, 24, 349-357.	5.0	32
747	Nanomaterials Induced Cell Damage. <i>ACS Symposium Series</i> , 2015, , 463-502.	0.5	1
748	Inflammatory mediators in intra-abdominal sepsis or injury – a scoping review. <i>Critical Care</i> , 2015, 19, 373.	2.5	47
749	New advances in liver decellularization and recellularization: innovative and critical technologies. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 1183-1191.	1.4	8
750	Radiation takes its Toll. <i>Cancer Letters</i> , 2015, 368, 238-245.	3.2	32
751	Target biomarker profile for the clinical management of paracetamol overdose. <i>British Journal of Clinical Pharmacology</i> , 2015, 80, 351-362.	1.1	44
752	Acute and Temporal Expression of Tumor Necrosis Factor (TNF)- α -stimulated Gene 6 Product, TSG6, in Mesenchymal Stem Cells Creates Microenvironments Required for Their Successful Transplantation into Muscle Tissue. <i>Journal of Biological Chemistry</i> , 2015, 290, 22771-22781.	1.6	24
753	Airbag Injuries. , 2015, , 91-93.		0
754	Bench-to bedside review: the effects of hyperoxia during critical illness. <i>Critical Care</i> , 2015, 19, 284.	2.5	128

#	ARTICLE	IF	CITATIONS
755	Urinary mitochondrial DNA is a biomarker of mitochondrial disruption and renal dysfunction in acute kidney injury. <i>Kidney International</i> , 2015, 88, 1336-1344.	2.6	84
756	Nanosafety. , 2015, , 367-421.		0
757	Mitochondrial DNA has a pro-inflammatory role in AMD. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2897-2906.	1.9	50
759	Adjuncts to Transfusion: Fibrinogen Concentrate. , 2015, , 63-65.		0
760	Airway Assessment. , 2015, , 98-100.		0
762	Stable heteroplasmy at the single-cell level is facilitated by intercellular exchange of mtDNA. <i>Nucleic Acids Research</i> , 2015, 43, 2177-2187.	6.5	62
763	Mitochondrial functions modulate neuroendocrine, metabolic, inflammatory, and transcriptional responses to acute psychological stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6614-23.	3.3	209
764	Can procalcitonin levels indicate the need for adjunctive therapies in sepsis?. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, S13-S18.	1.1	12
765	Heme as a danger molecule in pathogen recognition. <i>Free Radical Biology and Medicine</i> , 2015, 89, 651-661.	1.3	63
766	Possible role of tetracyclines on decreasing the accelerated aging process of well-controlled HIV patients on antiretroviral therapy. <i>HIV and AIDS Review</i> , 2015, 14, 133-137.	0.1	1
767	An ongoing search for potential targets and therapies for lethal sepsis. <i>Military Medical Research</i> , 2015, 2, 20.	1.9	10
768	Level of blood cell-free circulating mitochondrial DNA as a novel biomarker of acute myocardial ischemia. <i>Biochemistry (Moscow)</i> , 2015, 80, 1387-1392.	0.7	17
769	A Novel Function for P2Y2 in Myeloid Recipientâ€Derived Cells during Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2015, 195, 5795-5804.	0.4	51
770	Enemy attraction: bacterial agonists for leukocyte chemotaxis receptors. <i>Nature Reviews Microbiology</i> , 2015, 13, 95-104.	13.6	61
771	The pathogenesis of traumatic coagulopathy. <i>Anaesthesia</i> , 2015, 70, 96.	1.8	104
772	The proteolytically stable peptidomimetic Pam-(Lys-Î²NSpe)6-NH2 selectively inhibits human neutrophil activation via formyl peptide receptor 2. <i>Biochemical Pharmacology</i> , 2015, 93, 182-195.	2.0	20
773	Cardioprotective potential of annexin-A1 mimetics in myocardial infarction. , 2015, 148, 47-65.		59
774	Less invasive surfactant administration is associated with improved pulmonary outcomes in spontaneously breathing preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 241-246.	0.7	100

#	ARTICLE	IF	CITATIONS
775	Cumulative mtDNA damage and mutations contribute to the progressive loss of RGCs in a rat model of glaucoma. <i>Neurobiology of Disease</i> , 2015, 74, 167-179.	2.1	32
776	DAMPs and neurodegeneration. <i>Ageing Research Reviews</i> , 2015, 24, 17-28.	5.0	53
777	Proteomics in neurodegenerative diseases: Methods for obtaining a closer look at the neuronal proteome. <i>Proteomics - Clinical Applications</i> , 2015, 9, 848-871.	0.8	11
778	Hepatic DNA deposition drives drug-induced liver injury and inflammation in mice. <i>Hepatology</i> , 2015, 61, 348-360.	3.6	145
779	Molecular Activation of the NLRP3 Inflammasome in Fibrosis: Common Threads Linking Divergent Fibrogenic Diseases. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1162-1175.	2.5	53
780	Evidence to support mitochondrial neuroprotection, in severe traumatic brain injury. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 133-148.	1.0	43
781	A mitochondrial bioenergetic basis of depression. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 155-171.	1.0	109
782	FAM19A4 is a novel cytokine ligand of formyl peptide receptor 1 (FPR1) and is able to promote the migration and phagocytosis of macrophages. <i>Cellular and Molecular Immunology</i> , 2015, 12, 615-624.	4.8	61
783	Structural changes of the ligand and of the receptor alters the receptor preference for neutrophil activating peptides starting with a formylmethionyl group. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 192-200.	1.9	35
784	Características inmunológicas claves en la fisiopatología de la sepsis. <i>Infectio</i> , 2015, 19, 40-46.	0.4	1
785	Mitochondrial maintenance failure in aging and role of sexual dimorphism. <i>Archives of Biochemistry and Biophysics</i> , 2015, 576, 17-31.	1.4	58
786	Immunogenicity of necrotic cell death. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 273-283.	2.4	38
787	Multiple Organ Dysfunction Syndrome. , 2015, , 35-46.		3
788	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	5.0	811
789	Bloodstream Infections. , 2016, , 653-689.		1
790	Mitochondria are Naturally Micro Robots - A review. <i>American Journal of Engineering and Applied Sciences</i> , 2016, 9, 991-1002.	0.3	24
791	A novel imidazopyridine derivative, X22, attenuates sepsis-induced lung and liver injury by inhibiting the inflammatory response in vitro and in vivo. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 1947-1959.	2.0	11
792	Initiating Mechanisms of Surgery-induced Memory Decline: The Role of HMGB1. <i>Journal of Clinical & Cellular Immunology</i> , 2016, 07, .	1.5	7

#	ARTICLE	IF	CITATIONS
793	Prognostic utility of admission cell-free DNA levels in patients with chronic obstructive pulmonary disease exacerbations. <i>International Journal of COPD</i> , 2016, Volume 11, 3153-3161.	0.9	20
794	Pathophysiology of neutrophil-mediated extracellular redox reactions. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 839-855.	3.0	56
795	An Overview of the Innate Immune Response to Infectious and Noninfectious Stressors. , 2016, , 1-24.		2
796	The role of danger-associated molecular patterns (DAMPs) in trauma and infections. <i>Journal of Thoracic Disease</i> , 2016, 8, 1406-1409.	0.6	30
797	The Role of Immune Reactivity in Bone Regeneration. , 0, , .		5
798	Mesenchymal Stem Cells after Polytrauma: Actor and Target. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	15
799	Correlation of Surface Toll-Like Receptor 9 Expression with IL-17 Production in Neutrophils during Septic Peritonitis in Mice Induced by <i>E. coli</i> . <i>Mediators of Inflammation</i> , 2016, 2016, 1-17.	1.4	17
800	Acute Exercise-Induced Mitochondrial Stress Triggers an Inflammatory Response in the Myocardium via NLRP3 Inflammasome Activation with Mitophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	48
801	Delta Procalcitonin Is a Better Indicator of Infection Than Absolute Procalcitonin Values in Critically Ill Patients: A Prospective Observational Study. <i>Journal of Immunology Research</i> , 2016, 2016, 1-9.	0.9	20
802	Quantification of Cell-Free DNA in Red Blood Cell Units in Different Whole Blood Processing Methods. <i>Journal of Blood Transfusion</i> , 2016, 2016, 1-5.	3.3	14
803	Efficacy of Mitochondrial Antioxidant Plastoquinonyl-decyl-triphenylphosphonium Bromide (SkQ1) in the Rat Model of Autoimmune Arthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	17
804	Near-Infrared Emitting PbS Quantum Dots for in Vivo Fluorescence Imaging of the Thrombotic State in Septic Mouse Brain. <i>Molecules</i> , 2016, 21, 1080.	1.7	46
805	Histamine and Immune Biomarkers in CNS Disorders. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	38
806	Cytochrome c as a Potentially Clinical Useful Marker of Mitochondrial and Cellular Damage. <i>Frontiers in Immunology</i> , 2016, 7, 279.	2.2	134
807	Mitochondria Know No Boundaries: Mechanisms and Functions of Intercellular Mitochondrial Transfer. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 107.	1.8	296
808	Sending Out an SOS: Mitochondria as a Signaling Hub. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 109.	1.8	85
809	Staphylococcal Superantigens Spark Host-Mediated Danger Signals. <i>Frontiers in Immunology</i> , 2016, 7, 23.	2.2	35
810	Formyl Peptide Receptor Activation Elicits Endothelial Cell Contraction and Vascular Leakage. <i>Frontiers in Immunology</i> , 2016, 7, 297.	2.2	14

#	ARTICLE	IF	CITATIONS
811	New Insights into Neutrophil Extracellular Traps: Mechanisms of Formation and Role in Inflammation. <i>Frontiers in Immunology</i> , 2016, 7, 302.	2.2	257
812	NETosis – Does It Really Represent Nature’s “Suicide Bomber”? <i>Frontiers in Immunology</i> , 2016, 7, 328.	2.2	61
813	Intra-Peritoneal Administration of Mitochondrial DNA Provokes Acute Lung Injury and Systemic Inflammation via Toll-Like Receptor 9. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1425.	1.8	46
814	Molecular Pathogenesis of NASH. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1575.	1.8	150
815	Update on Inflammatory Biomarkers and Treatments in Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1967.	1.8	121
816	PEDF Inhibits the Activation of NLRP3 Inflammasome in Hypoxia Cardiomyocytes through PEDF Receptor/Phospholipase A2. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2064.	1.8	38
817	Marine Natural Product Inhibitors of Neutrophil-Associated Inflammation. <i>Marine Drugs</i> , 2016, 14, 141.	2.2	5
818	Characterization and differentiation of equine experimental local and early systemic inflammation by expression responses of inflammation-related genes in peripheral blood leukocytes. <i>BMC Veterinary Research</i> , 2016, 12, 83.	0.7	14
819	Perioperative cerebrospinal fluid and plasma inflammatory markers after orthopedic surgery. <i>Journal of Neuroinflammation</i> , 2016, 13, 211.	3.1	134
820	The Clinical Challenge of Sepsis Identification and Monitoring. <i>PLoS Medicine</i> , 2016, 13, e1002022.	3.9	179
821	The Host Response to a Clinical MDR Mycobacterial Strain Cultured in a Detergent-Free Environment: A Global Transcriptomics Approach. <i>PLoS ONE</i> , 2016, 11, e0153079.	1.1	40
822	The Impact of Hyperthermia on Receptor-Mediated Interleukin-6 Regulation in Mouse Skeletal Muscle. <i>PLoS ONE</i> , 2016, 11, e0148927.	1.1	17
823	Mechanism of Mitochondrial Transcription Factor A Attenuation of CpG-Induced Antibody Production. <i>PLoS ONE</i> , 2016, 11, e0157157.	1.1	1
824	FITC Conjugation Markedly Enhances Hepatic Clearance of N-Formyl Peptides. <i>PLoS ONE</i> , 2016, 11, e0160602.	1.1	3
825	The potential impacts of formyl peptide receptor 1 in inflammatory diseases. <i>Frontiers in Bioscience - Elite</i> , 2016, 8, 436-449.	0.9	18
826	Perioperative Inflammation and Microcirculation in Surgery: Clinical Strategies for Improved Surgical Outcomes. , 2016, , .		2
827	Immunostimulatory role of mitochondrial DAMPs: alarming for pre-eclampsia?. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 341-347.	1.2	30
828	Inflammation and Epidural-Related Maternal Fever: Proposed Mechanisms. <i>Anesthesia and Analgesia</i> , 2016, 122, 1546-1553.	1.1	76

#	ARTICLE	IF	CITATIONS
829	Autophagosomeâ€“lysosome fusion triggers a lysosomal response mediated by TLR9 and controlled by OCRL. <i>Nature Cell Biology</i> , 2016, 18, 839-850.	4.6	140
830	Endotoxin. <i>Critical Care Medicine</i> , 2016, 44, 450-451.	0.4	4
831	OBESITY AND CRITICAL ILLNESS. <i>Shock</i> , 2016, 45, 349-358.	1.0	31
832	Plasma Mitochondrial DNAâ€“a Novel DAMP in Pediatric Sepsis. <i>Shock</i> , 2016, 45, 506-511.	1.0	39
833	Cellular Stress Responses and Monitored Cellular Activities. <i>Shock</i> , 2016, 46, 113-121.	1.0	7
834	Origins, structures, and functions of circulating DNA in oncology. <i>Cancer and Metastasis Reviews</i> , 2016, 35, 347-376.	2.7	586
835	Cellular reactions of the choroid plexus induced by peripheral nerve injury. <i>Neuroscience Letters</i> , 2016, 628, 73-77.	1.0	5
836	Beneficial effects of exercise on ageâ€“related mitochondrial dysfunction and oxidative stress in skeletal muscle. <i>Journal of Physiology</i> , 2016, 594, 5105-5123.	1.3	120
837	Mitochondria dysfunction: A novel therapeutic target in pathological lung remodeling or bystander?. , 2016, 166, 96-105.		35
838	Oxyma-based phosphates for racemization-free peptide segment couplings. <i>Journal of Peptide Science</i> , 2016, 22, 186-191.	0.8	8
839	Mitochondrial proteinâ€“derived cryptides: Are endogenous <i>N</i>-formylated peptides including mitocryptideâ€“2 components of mitochondrial damageâ€“associated molecular patterns?. <i>Biopolymers</i> , 2016, 106, 580-587.	1.2	7
840	Mitochondrial DNA sensing by STING signaling participates in inflammation, cancer and beyond. <i>International Journal of Cancer</i> , 2016, 139, 736-741.	2.3	65
841	Mitochondrial DNA. <i>Anesthesiology</i> , 2016, 124, 923-933.	1.3	63
842	Mitochondrial damageâ€“associated molecular patterns as potential proinflammatory mediators in postâ€“platelet transfusion adverse effects. <i>Transfusion</i> , 2016, 56, 1201-1212.	0.8	44
843	Low Circulating Levels of Mitochondrial and High Levels of Nuclear DNA Predict Mortality in Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2016, 22, 823-828.	0.7	19
844	The three Rs: Recruitment, Retention and Residence of leukocytes in the liver. <i>Clinical and Translational Immunology</i> , 2016, 5, e123.	1.7	17
845	Neuroprotection mediated by inhibition of calpain during acute viral encephalitis. <i>Scientific Reports</i> , 2016, 6, 28699.	1.6	19
846	The pulmonary endothelium in acute respiratory distress syndrome: insights and therapeutic opportunities. <i>Thorax</i> , 2016, 71, 462-473.	2.7	169

#	ARTICLE	IF	CITATIONS
847	Toll-like Receptor 9 Can be Activated by Endogenous Mitochondrial DNA to Induce Podocyte Apoptosis. <i>Scientific Reports</i> , 2016, 6, 22579.	1.6	90
848	MicroRNA-125b-5p mimic inhibits acute liver failure. <i>Nature Communications</i> , 2016, 7, 11916.	5.8	42
850	Novel Pathophysiological Mechanisms in Hypertension. <i>Advances in Experimental Medicine and Biology</i> , 2016, 956, 21-35.	0.8	2
851	Cell-free circulating mitochondrial DNA content and risk of hepatocellular carcinoma in patients with chronic HBV infection. <i>Scientific Reports</i> , 2016, 6, 23992.	1.6	66
852	Increased plasma levels of circulating cell-free mitochondrial DNA in suicide attempters: associations with HPA-axis hyperactivity. <i>Translational Psychiatry</i> , 2016, 6, e971-e971.	2.4	90
853	Platelets in infectious disease. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 256-261.	0.9	18
854	Soluble urokinase plasminogen activator receptor informs on the progression course after multiple injuries. <i>Biomarkers</i> , 2016, 21, 660-664.	0.9	8
855	Computational Analysis Supports an Early, Type 17 Cell-Associated Divergence of Blunt Trauma Survival and Mortality*. <i>Critical Care Medicine</i> , 2016, 44, e1074-e1081.	0.4	76
856	DAMPs, MAMPs, and NAMPs in plant innate immunity. <i>BMC Plant Biology</i> , 2016, 16, 232.	1.6	251
857	Human Cytomegalovirus Infection Upregulates the Mitochondrial Transcription and Translation Machineries. <i>MBio</i> , 2016, 7, e00029.	1.8	55
858	What We Know About the Pathogenesis of Idiopathic Pulmonary Fibrosis. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 358-367.	0.8	32
859	The newest progress of research on acute trauma-induced coagulopathy. <i>Journal of Acute Disease</i> , 2016, 5, 185-189.	0.0	0
860	Is osseointegration inflammation-triggered?. <i>Medical Hypotheses</i> , 2016, 93, 1-4.	0.8	7
861	Neutrophil migration in infection and wound repair: going forward in reverse. <i>Nature Reviews Immunology</i> , 2016, 16, 378-391.	10.6	736
862	Intercellular mitochondrial transfer: bioenergetic crosstalk between cells. <i>Current Opinion in Genetics and Development</i> , 2016, 38, 97-101.	1.5	70
863	Tlr2 on Bone Marrow and Non-Bone Marrow Derived Cells Regulates Inflammation and Organ Injury in Cooperation with Tlr4 During Resuscitated Hemorrhagic Shock. <i>Shock</i> , 2016, 46, 519-526.	1.0	5
864	Extracellular mtDNA activates NF- κ B via toll-like receptor 9 and induces cell death in cardiomyocytes. <i>Basic Research in Cardiology</i> , 2016, 111, 42.	2.5	79
865	Interdisciplinary Peripartum Management of Acute Respiratory Distress Syndrome with Extracorporeal Membrane Oxygenation â€” a Case Report and Literature Review. <i>Geburtshilfe Und Frauenheilkunde</i> , 2016, 76, 273-276.	0.8	1

#	ARTICLE	IF	CITATIONS
866	Accurate quantification of mouse mitochondrial DNA without co-amplification of nuclear mitochondrial insertion sequences. <i>Mitochondrion</i> , 2016, 29, 59-64.	1.6	94
867	Plasma cell-free mitochondrial DNA declines in response to prolonged moderate aerobic exercise. <i>Physiological Reports</i> , 2016, 4, e12672.	0.7	36
868	Acute Lung Injury: A Clinical and Molecular Review. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 345-350.	1.2	616
869	The Mitochondrial Basis of Aging. <i>Molecular Cell</i> , 2016, 61, 654-666.	4.5	1,011
870	Mitochondria drive NETosis and inflammation in SLE. <i>Nature Reviews Rheumatology</i> , 2016, 12, 195-196.	3.5	18
871	New development in studies of formyl-peptide receptors: critical roles in host defense. <i>Journal of Leukocyte Biology</i> , 2016, 99, 425-435.	1.5	56
872	Mitochondria and the hallmarks of cancer. <i>FEBS Journal</i> , 2016, 283, 803-814.	2.2	100
873	The role of neutrophils in immune dysfunction during severe inflammation. <i>Critical Care</i> , 2016, 20, 73.	2.5	199
874	Mitochondria in Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2016, 36, 8-16.	0.6	70
875	Sepsis-induced myocardial dysfunction: pathophysiology and management. <i>Journal of Intensive Care</i> , 2016, 4, 22.	1.3	326
876	Mitochondrial N-formyl peptides cause airway contraction and lung neutrophil infiltration via formyl peptide receptor activation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 37, 49-56.	1.1	42
877	2016: A "Mitochondria" Odyssey. <i>Trends in Molecular Medicine</i> , 2016, 22, 391-403.	3.5	33
878	Oxidized mitochondrial nucleoids released by neutrophils drive type I interferon production in human lupus. <i>Journal of Experimental Medicine</i> , 2016, 213, 697-713.	4.2	363
879	Clinical application: Restoration of immune homeostasis by autophagy as a potential therapeutic target in sepsis. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1159-1167.	0.8	16
880	Complement therapeutic strategies in trauma, hemorrhagic shock and systemic inflammation "closing Pandora's box?". <i>Seminars in Immunology</i> , 2016, 28, 278-284.	2.7	31
882	Toll like receptor 9 antagonism modulates spinal cord neuronal function and survival: Direct versus astrocyte-mediated mechanisms. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 310-324.	2.0	27
883	Mitochondrial Function, Biology, and Role in Disease. <i>Circulation Research</i> , 2016, 118, 1960-1991.	2.0	330
884	The Pathogenesis of ACLF: The Inflammatory Response and Immune Function. <i>Seminars in Liver Disease</i> , 2016, 36, 133-140.	1.8	79

#	ARTICLE	IF	CITATIONS
885	Fracture initiates systemic inflammatory response syndrome through recruiting polymorphonuclear leucocytes. <i>Immunologic Research</i> , 2016, 64, 1053-1059.	1.3	22
886	Macromolecular Degradation Systems and Cardiovascular Aging. <i>Circulation Research</i> , 2016, 118, 1577-1592.	2.0	67
887	Cardiolipin-mediated procoagulant activity of mitochondria contributes to traumatic brain injury-associated coagulopathy in mice. <i>Blood</i> , 2016, 127, 2763-2772.	0.6	80
888	Biosynthesis of oxidized lipid mediators via lipoprotein-associated phospholipase A ₂ hydrolysis of extracellular cardiolipin induces endothelial toxicity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L303-L316.	1.3	20
889	Plasma mitochondrial DNA at admission can predict the outcome of acute trauma patients admitted to ICU. <i>Egyptian Journal of Anaesthesia</i> , 2016, 32, 565-571.	0.2	6
890	Ex Vivo Normothermic Perfusion Induces Donor-Derived Leukocyte Mobilization and Removal Prior to Renal Transplantation. <i>Kidney International Reports</i> , 2016, 1, 230-239.	0.4	39
891	Host Responses to Biofilm. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 142, 193-239.	0.9	102
892	The diagnostic and prognostic value of systems biology research in major traumatic and thermal injury: a review. <i>Burns and Trauma</i> , 2016, 4, 33.	2.3	31
893	Sterile inflammation and pregnancy complications: a review. <i>Reproduction</i> , 2016, 152, R277-R292.	1.1	192
894	Systems Analysis of the Dynamic Inflammatory Response to Tissue Damage Reveals Spatiotemporal Properties of the Wound Attractant Gradient. <i>Current Biology</i> , 2016, 26, 1975-1989.	1.8	48
895	Blood cell respirometry is associated with skeletal and cardiac muscle bioenergetics: Implications for a minimally invasive biomarker of mitochondrial health. <i>Redox Biology</i> , 2016, 10, 65-77.	3.9	82
896	The danger from within: alarmins in arthritis. <i>Nature Reviews Rheumatology</i> , 2016, 12, 669-683.	3.5	111
897	Decreased Circulating mtDNA Levels in Professional Male Volleyball Players. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 116-121.	1.1	21
898	Promising therapies for treatment of nonalcoholic steatohepatitis. <i>Expert Opinion on Emerging Drugs</i> , 2016, 21, 343-357.	1.0	28
899	Formyl peptide receptor modulators: a patent review and potential applications for inflammatory diseases (2012-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1139-1156.	2.4	33
900	The rise of mitochondria in medicine. <i>Mitochondrion</i> , 2016, 30, 105-116.	1.6	349
901	Mechanism of isoniazid-induced hepatotoxicity: then and now. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 1030-1036.	1.1	140
902	Circulating cell-free mitochondrial deoxyribonucleic acid is increased in coronary heart disease patients with diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2016, 7, 109-114.	1.1	39

#	ARTICLE	IF	CITATIONS
903	Manufacturing method affects mitochondrial <scp>DNA</scp> release and extracellular vesicle composition in stored red blood cells. <i>Vox Sanguinis</i> , 2016, 111, 22-32.	0.7	59
904	Mitochondrial genome association study with peripheral arterial disease and venous thromboembolism. <i>Atherosclerosis</i> , 2016, 252, 97-105.	0.4	5
905	p53 and the Carcinogenicity of Chronic Inflammation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026161.	2.9	79
906	Antidepressant Action on Mitochondrial Dysfunction in Psychiatric Disorders. <i>Drug Development Research</i> , 2016, 77, 400-406.	1.4	49
907	What Is the Pathobiology of Inflammation to Cell Death? Apoptosis, Necrosis, Necroptosis, Autophagic Cell Death, Pyroptosis, and NETosis. , 2016, , 81-106.		4
908	Non-Neuronal Mechanisms of Brain Damage and Repair After Stroke. <i>Springer Series in Translational Stroke Research</i> , 2016, , .	0.1	1
909	Autophagy in the liver: cellâ€™s cannibalism and beyond. <i>Archives of Pharmacal Research</i> , 2016, 39, 1050-1061.	2.7	26
910	Is hepatic lipogenesis fundamental for NAFLD/NASH? A focus on the nuclear receptor coactivator PGC-1 β . <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3809-3822.	2.4	12
911	The Spectrum of Mitochondrial Ultrastructural Defects in Mitochondrial Myopathy. <i>Scientific Reports</i> , 2016, 6, 30610.	1.6	165
912	Single-stranded DNA library preparation uncovers the origin and diversity of ultrashort cell-free DNA in plasma. <i>Scientific Reports</i> , 2016, 6, 27859.	1.6	158
913	Bloodstream Infections. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	53
914	Identification of Lung Inflammation-Related Elevation of Acylamino Acid Releasing Enzyme (APEH) Activity Using an Enzymomics Approach. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1533-1538.	0.6	5
915	Potential Mechanism of Post-Acute Aortic Dissection Inflammatory Responses: The Role of mtDNA from Activated Platelets. <i>Cardiology</i> , 2016, 135, 228-235.	0.6	12
916	Mitochondrial [dys]function; culprit in pre-eclampsia?. <i>Clinical Science</i> , 2016, 130, 1179-1184.	1.8	23
917	Sepsis in cirrhosis: emerging concepts in pathogenesis, diagnosis and management. <i>Hepatology International</i> , 2016, 10, 871-882.	1.9	11
918	Transplantation and Damage-Associated Molecular Patterns (DAMPs). <i>American Journal of Transplantation</i> , 2016, 16, 3338-3361.	2.6	125
919	Necroptosis: A new way of dying?. <i>Cancer Biology and Therapy</i> , 2016, 17, 899-910.	1.5	70
920	Features of Postoperative Immune Suppression Are Reversible With Interferon Gamma and Independent of Interleukin-6 Pathways. <i>Annals of Surgery</i> , 2016, 264, 370-377.	2.1	66

#	ARTICLE	IF	CITATIONS
921	Minireview: Syndecans and their crucial roles during tissue regeneration. <i>FEBS Letters</i> , 2016, 590, 2408-2417.	1.3	65
922	Toll-like receptor responses are suppressed in trauma ICU patients. <i>Journal of Surgical Research</i> , 2016, 206, 139-145.	0.8	4
923	Innate Immune Cell Trafficking and Function During Sterile Inflammation of the Liver. <i>Gastroenterology</i> , 2016, 151, 1087-1095.	0.6	96
924	Manganese Superoxide Dismutase (MnSOD) and Its Importance in Mitochondrial Function and Cancer. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 11-50.	0.4	0
925	Roles of Mitochondrial Sensing and Stress Response in the Regulation of Inflammation. , 2016, , 299-308.		1
926	Ozone-induced IL-17A and neutrophilic airway inflammation is orchestrated by the caspase-1-IL-1 cascade. <i>Scientific Reports</i> , 2016, 6, 18680.	1.6	34
927	Nitroxidative Signaling Mechanisms in Pathological Pain. <i>Trends in Neurosciences</i> , 2016, 39, 862-879.	4.2	93
928	Distinct immunological activation profiles of dSLIM [®] and ProMune [®] depend on their different structural context. <i>Immunity, Inflammation and Disease</i> , 2016, 4, 446-462.	1.3	10
929	Metabolic Control: Immune Control?. <i>SpringerBriefs in Space Life Sciences</i> , 2016, , 111-119.	0.1	0
930	DNA import into mitochondria. <i>Biochemistry (Moscow)</i> , 2016, 81, 1044-1056.	0.7	9
931	Very Short Mitochondrial DNA Fragments and Heteroplasmy in Human Plasma. <i>Scientific Reports</i> , 2016, 6, 36097.	1.6	50
932	Transcriptional quiescence of paternal mtDNA in cyprinid fish embryos. <i>Scientific Reports</i> , 2016, 6, 28571.	1.6	7
933	Therapeutically targeting mitochondrial redox signalling alleviates endothelial dysfunction in preeclampsia. <i>Scientific Reports</i> , 2016, 6, 32683.	1.6	83
935	Matrix Metalloproteinases and Tissue Inhibitor of Metalloproteinases in Inflammation and Fibrosis of Skeletal Muscles. <i>Journal of Neuromuscular Diseases</i> , 2016, 3, 455-473.	1.1	72
936	Plasma Mitochondrial DNA Level is a Prognostic Marker in Peritoneal Dialysis Patients. <i>Kidney and Blood Pressure Research</i> , 2016, 41, 402-412.	0.9	9
937	Intravenous Endotoxin Challenge in Healthy Humans: An Experimental Platform to Investigate and Modulate Systemic Inflammation. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	28
938	High-mobility group box 1 is associated with neurological outcome in patients with post-cardiac arrest syndrome after out-of-hospital cardiac arrest. <i>Journal of Intensive Care</i> , 2016, 4, 37.	1.3	12
939	Platelets activation is associated with elevated plasma mitochondrial DNA during cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 90.	0.4	18

#	ARTICLE	IF	CITATIONS
940	Organ dysfunction as a new standard for defining sepsis. <i>Inflammation and Regeneration</i> , 2016, 36, 24.	1.5	57
941	Toll-Like Receptor 9 Signaling Is Augmented in Systemic Sclerosis and Elicits Transforming Growth Factor β -Dependent Fibroblast Activation. <i>Arthritis and Rheumatology</i> , 2016, 68, 1989-2002.	2.9	50
942	Danger in the Intensive Care Unit. <i>Shock</i> , 2016, 45, 108-116.	1.0	64
943	Effect of disrupted mitochondria as a source of damage-associated molecular patterns on the production of tumor necrosis factor α by splenocytes from dogs. <i>American Journal of Veterinary Research</i> , 2016, 77, 604-612.	0.3	5
944	Minicircle DNA-mediated endothelial nitric oxide synthase gene transfer enhances angiogenic responses of bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 48.	2.4	14
945	Heme Oxygenase-1 and Carbon Monoxide in the Heart. <i>Circulation Research</i> , 2016, 118, 1940-1959.	2.0	160
946	Priming of human neutrophils is necessary for their activation by extracellular DNA. <i>Biochemistry (Moscow)</i> , 2016, 81, 609-614.	0.7	7
948	Preeclampsia and health risks later in life: an immunological link. <i>Seminars in Immunopathology</i> , 2016, 38, 699-708.	2.8	66
949	Chronic Heart Failure and Inflammation. <i>Circulation Research</i> , 2016, 119, 159-176.	2.0	475
950	Urinary Mitochondrial DNA Copy Number Identifies Chronic Renal Injury in Hypertensive Patients. <i>Hypertension</i> , 2016, 68, 401-410.	1.3	69
951	Toll-Like Receptor-9 (TLR9) is Requisite for Acute Inflammatory Response and Injury Following Lung Contusion. <i>Shock</i> , 2016, 46, 412-419.	1.0	9
952	How Kidney Cell Death Induces Renal Necroinflammation. <i>Seminars in Nephrology</i> , 2016, 36, 162-173.	0.6	41
953	The role of mitochondrial DNA damage in the development of atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2016, 100, 223-230.	1.3	68
954	Combinatorial approach to cancer immunotherapy: strength in numbers. <i>Journal of Leukocyte Biology</i> , 2016, 100, 275-290.	1.5	90
955	A Transcriptomic Biomarker to Quantify Systemic Inflammation in Sepsis – A Prospective Multicenter Phase II Diagnostic Study. <i>EBioMedicine</i> , 2016, 6, 114-125.	2.7	53
956	Preoperative prognostic factors for severe diffuse secondary peritonitis: a retrospective study. <i>Langenbeck's Archives of Surgery</i> , 2016, 401, 611-617.	0.8	21
957	Mitochondrial Signaling and Neurodegeneration. , 2016, , 107-137.		6
958	The early wound signals. <i>Current Opinion in Genetics and Development</i> , 2016, 40, 17-22.	1.5	64

#	ARTICLE	IF	CITATIONS
959	The potential role of some phytochemicals in recognition of mitochondrial damage-associated molecular patterns. <i>Mitochondrion</i> , 2016, 30, 24-34.	1.6	5
960	Cross-Talk Between PCSK9 and Damaged mtDNA in Vascular Smooth Muscle Cells: Role in Apoptosis. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 997-1008.	2.5	63
961	Association between increased blood interleukin-6 levels on emergency department arrival and prolonged length of intensive care unit stay for blunt trauma. <i>World Journal of Emergency Surgery</i> , 2016, 11, 6.	2.1	5
962	Red cell DAMPs and inflammation. <i>Inflammation Research</i> , 2016, 65, 665-678.	1.6	107
963	The Critical Role of Bioenergetics in Donor Cardiac Allograft Preservation. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 176-183.	1.1	23
964	Exposure to stimulatory CpG oligonucleotides during gestation induces maternal hypertension and excess vasoconstriction in pregnant rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1015-H1025.	1.5	29
965	Atopic diseases and inflammation of the brain in the pathogenesis of autism spectrum disorders. <i>Translational Psychiatry</i> , 2016, 6, e844-e844.	2.4	156
966	The "fast" and the "slow" modes of mitochondrial DNA degradation. <i>Mitochondrial DNA</i> , 2016, 27, 490-498.	0.6	19
967	Mitochondrial dysfunction in inherited renal disease and acute kidney injury. <i>Nature Reviews Nephrology</i> , 2016, 12, 267-280.	4.1	276
968	Proinflammatory T cells and IL-17 stimulate osteoblast differentiation. <i>Bone</i> , 2016, 84, 262-270.	1.4	147
969	The Neutrophil Btk Signalosome Regulates Integrin Activation during Sterile Inflammation. <i>Immunity</i> , 2016, 44, 73-87.	6.6	80
970	Inflammaging and cardiovascular disease: Management by medicinal plants. <i>Phytomedicine</i> , 2016, 23, 1119-1126.	2.3	61
971	Mitochondrial Biogenesis as a Pharmacological Target: A New Approach to Acute and Chronic Diseases. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 229-249.	4.2	140
972	Macrophages in Tissue Repair, Regeneration, and Fibrosis. <i>Immunity</i> , 2016, 44, 450-462.	6.6	2,591
973	Innate danger signals in acute injury: From bench to bedside. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2016, 35, 283-292.	0.6	17
974	Crosstalk between the heart and peripheral organs in heart failure. <i>Experimental and Molecular Medicine</i> , 2016, 48, e217-e217.	3.2	71
975	Mitochondrial signaling in the vascular endothelium: beyond reactive oxygen species. <i>Basic Research in Cardiology</i> , 2016, 111, 26.	2.5	39
976	Gut mucosal DAMPs in IBD: from mechanisms to therapeutic implications. <i>Mucosal Immunology</i> , 2016, 9, 567-582.	2.7	102

#	ARTICLE	IF	CITATIONS
977	Interpreting Procalcitonin at the Bedside. Annual Update in Intensive Care and Emergency Medicine, 2016, , 3-14.	0.1	1
978	Exacerbated and prolonged inflammation impairs wound healing and increases scarring. Wound Repair and Regeneration, 2016, 24, 26-34.	1.5	131
979	Plasma levels of danger-associated molecular patterns are associated with immune suppression in trauma patients. Intensive Care Medicine, 2016, 42, 551-561.	3.9	146
980	Decellularized laminate tissues and their derivatives as templates intended for abdominal wall regeneration. Materials Letters, 2016, 164, 659-664.	1.3	4
981	Pathophysiology of Trauma-Induced Coagulopathy and Management of Critical Bleeding Requiring Massive Transfusion. Seminars in Thrombosis and Hemostasis, 2016, 42, 155-165.	1.5	64
982	Defect of mitochondrial respiratory chain is a mechanism of ROS overproduction in a rat model of alcoholic liver disease: role of zinc deficiency. American Journal of Physiology - Renal Physiology, 2016, 310, G205-G214.	1.6	75
983	Extracellular Ribonucleic Acids (RNA) Enter the Stage in Cardiovascular Disease. Circulation Research, 2016, 118, 469-479.	2.0	59
984	Too Much Oxygen: Hyperoxia and Oxygen Management in Mechanically Ventilated Patients. Seminars in Respiratory and Critical Care Medicine, 2016, 37, 016-022.	0.8	25
985	Peroxisome Proliferator-activated Receptor- β Coactivator 1- β (PGC1 β) Protects against Experimental Murine Colitis. Journal of Biological Chemistry, 2016, 291, 10184-10200.	1.6	65
986	Minocycline Effectively Protects the Rabbit's Spinal Cord From Aortic Occlusion-Related Ischemia. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 282-290.	0.6	6
987	Pathophysiology of Septic Acute Kidney Injury. Contributions To Nephrology, 2016, 187, 36-46.	1.1	20
988	Necroptosis: an alternative cell death program defending against cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1865, 228-236.	3.3	104
989	In vivo imaging of inflammasome activation reveals a subcapsular macrophage burst response that mobilizes innate and adaptive immunity. Nature Medicine, 2016, 22, 64-71.	15.2	130
990	Decellularization of mammalian tissues. , 2016, , 75-103.		22
991	Toll-like Receptors in the Vascular System: Sensing the Dangers Within. Pharmacological Reviews, 2016, 68, 142-167.	7.1	199
992	Mito-Morphosis: Mitochondrial Fusion, Fission, and Cristae Remodeling as Key Mediators of Cellular Function. Annual Review of Physiology, 2016, 78, 505-531.	5.6	554
993	Neutrophils in the Tumor Microenvironment. Trends in Immunology, 2016, 37, 41-52.	2.9	456
994	Role of Mitochondrial DNA in Septic AKI via Toll-Like Receptor 9. Journal of the American Society of Nephrology: JASN, 2016, 27, 2009-2020.	3.0	115

#	ARTICLE	IF	CITATIONS
995	Host and pathogen hyaluronan signal through human siglec-9 to suppress neutrophil activation. <i>Journal of Molecular Medicine</i> , 2016, 94, 219-233.	1.7	67
996	Cell-free mitochondrial DNA in CSF is associated with early viral rebound, inflammation, and severity of neurocognitive deficits in HIV infection. <i>Journal of NeuroVirology</i> , 2016, 22, 191-200.	1.0	31
997	Symbiotic Bacteria and Gut Epithelial Homeostasis. , 2016, , 605-618.		0
998	Mitochondrial DNA in the regulation of innate immune responses. <i>Protein and Cell</i> , 2016, 7, 11-16.	4.8	128
999	Targeting danger-associated molecular patterns after myocardial infarction. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 223-239.	1.5	48
1000	Necroinflammation in Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 27-39.	3.0	180
1002	Impact of polyphenolic components from mulberry on apoptosis of vascular smooth muscle cells. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 381-391.	1.7	3
1003	Pathophysiology of Polytrauma. , 2016, , 41-54.		1
1004	The danger model: questioning an unconvincing theory. <i>Immunology and Cell Biology</i> , 2016, 94, 164-168.	1.0	8
1005	Inflamming decreases adaptive and innate immune responses in mice and humans. <i>Biogerontology</i> , 2016, 17, 7-19.	2.0	264
1006	Injury and Repair. , 2016, , 251-260.e9.		1
1007	Therapeutic targeting of acute lung injury and acute respiratory distress syndrome. <i>Translational Research</i> , 2016, 167, 183-191.	2.2	148
1008	sTREM-1, sIL-2R β , and IL-6, but not sCD163, might predict sepsis in polytrauma patients: a prospective cohort study. <i>European Journal of Trauma and Emergency Surgery</i> , 2017, 43, 363-370.	0.8	9
1009	Development of therapeutic antibodies to G protein-coupled receptors and ion channels: Opportunities, challenges and their therapeutic potential in respiratory diseases. , 2017, 169, 113-123.		18
1010	Alarmins and Their Receptors as Modulators and Indicators of Alloimmune Responses. <i>American Journal of Transplantation</i> , 2017, 17, 320-327.	2.6	21
1011	Neutrophils are dispensable in the modulation of T cell immunity against cutaneous HSV-1 infection. <i>Scientific Reports</i> , 2017, 7, 41091.	1.6	24
1012	The level of free circulating mitochondrial DNA in blood as predictor of death in case of acute coronary syndrome. <i>European Journal of Medical Research</i> , 2017, 22, 1.	0.9	38
1013	Nucleic acid scavenging microfiber mesh inhibits trauma-induced inflammation and thrombosis. <i>Biomaterials</i> , 2017, 120, 94-102.	5.7	52

#	ARTICLE	IF	CITATIONS
1014	Role of intestinal microbiota and metabolites on gut homeostasis and human diseases. BMC Immunology, 2017, 18, 2.	0.9	492
1015	Intravital Imaging of Neutrophil Recruitment Reveals the Efficacy of FPR1 Blockade in Hepatic Ischemia-Reperfusion Injury. Journal of Immunology, 2017, 198, 1718-1728.	0.4	44
1016	Dynamics of fibrinogen in acute phases of trauma. Journal of Intensive Care, 2017, 5, 3.	1.3	25
1017	Formyl Peptide Receptors in Cellular Differentiation and Inflammatory Diseases. Journal of Cellular Biochemistry, 2017, 118, 1300-1307.	1.2	36
1020	Innate Immunity Signaling. , 2017, , 245-260.		1
1021	Skeletal muscle inflammation and atrophy in heart failure. Heart Failure Reviews, 2017, 22, 179-189.	1.7	53
1022	Microbial recognition and danger signals in sepsis and trauma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2564-2573.	1.8	100
1023	Elimination of the unnecessary: Intra- and extracellular signaling by anionic phospholipids. Biochemical and Biophysical Research Communications, 2017, 482, 482-490.	1.0	12
1024	Pathophysiology of heart failure and frailty: a common inflammatory origin?. Aging Cell, 2017, 16, 444-450.	3.0	79
1025	Mouse models of atherosclerosis: a historical perspective and recent advances. Lipids in Health and Disease, 2017, 16, 12.	1.2	130
1026	Recent Advances in Decellularization and Recellularization for Tissue-Engineered Liver Grafts. Cells Tissues Organs, 2017, 203, 203-214.	1.3	25
1027	Dipeptide HCH6-1 inhibits neutrophil activation and protects against acute lung injury by blocking FPR1. Free Radical Biology and Medicine, 2017, 106, 254-269.	1.3	25
1028	p38 mitogen-activated protein kinase regulates mitochondrial function and microvesicle release in riboflavin- and ultraviolet light-treated apheresis platelet concentrates. Transfusion, 2017, 57, 1199-1207.	0.8	22
1029	NLRP3 Inflammasome Deficiency Protects against Microbial Sepsis via Increased Lipoxin B ₄ Synthesis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 713-726.	2.5	126
1030	Accurate quantitation of circulating cell-free mitochondrial DNA in plasma by droplet digital PCR. Analytical and Bioanalytical Chemistry, 2017, 409, 2727-2735.	1.9	28
1031	Pulmonary innate inflammatory responses to agricultural occupational contaminants. Cell and Tissue Research, 2017, 367, 627-642.	1.5	21
1032	Pathophysiology of trauma-induced coagulopathy: disseminated intravascular coagulation with the fibrinolytic phenotype. Journal of Intensive Care, 2017, 5, 14.	1.3	63
1033	The immune response of the human brain to abdominal surgery. Annals of Neurology, 2017, 81, 572-582.	2.8	87

#	ARTICLE	IF	CITATIONS
1034	The effect of cell debris within biologic scaffolds upon the macrophage response. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2109-2118.	2.1	55
1035	Oxidized and degraded mitochondrial polynucleotides (DeMPs), especially RNA, are potent immunogenic regulators in primary mouse macrophages. <i>Free Radical Biology and Medicine</i> , 2017, 104, 371-379.	1.3	5
1036	Mitochondrial DNA in innate immune responses and inflammatory pathology. <i>Nature Reviews Immunology</i> , 2017, 17, 363-375.	10.6	658
1037	Generation of monoclonal antibodies against mitocryptideâ€²: toward a new strategy to investigate the biological roles of cryptides. <i>Journal of Peptide Science</i> , 2017, 23, 610-617.	0.8	4
1038	Prevention of TLR9 Pathway in Warm Ischemia in Porcine Donor Liver after Cardiac Death. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1547-1554.	1.1	3
1039	Mitochondrial DNA-Induced Inflammatory Responses and Lung Injury in Thermal Injury Rat Model. <i>Journal of Burn Care and Research</i> , 2017, 38, 304-311.	0.2	18
1040	Mitochondrial Function in Allergic Disease. <i>Current Allergy and Asthma Reports</i> , 2017, 17, 29.	2.4	41
1041	Mitochondria are the powerhouses of immunity. <i>Nature Immunology</i> , 2017, 18, 488-498.	7.0	704
1042	Elevated Levels of Plasma Mitochondrial DNA Are Associated with Clinical Outcome in Intra-Abdominal Infections Caused by Severe Trauma. <i>Surgical Infections</i> , 2017, 18, 610-618.	0.7	34
1043	Self-cytoplasmic DNA upregulates the mutator enzyme APOBEC3A leading to chromosomal DNA damage. <i>Nucleic Acids Research</i> , 2017, 45, gkx001.	6.5	23
1044	Cold-inducible RNA-binding protein through TLR4 signaling induces mitochondrial DNA fragmentation and regulates macrophage cell death after trauma. <i>Cell Death and Disease</i> , 2017, 8, e2775-e2775.	2.7	39
1045	S100-alarmins: potential therapeutic targets for arthritis. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 738-750.	1.5	38
1046	Defining the momiome: Promiscuous information transfer by mobile mitochondria and the mitochondrial genome. <i>Seminars in Cancer Biology</i> , 2017, 47, 1-17.	4.3	40
1047	Novel role for endogenous mitochondrial formylated peptide-driven formyl peptide receptor 1 signalling in acute respiratory distress syndrome. <i>Thorax</i> , 2017, 72, 928-936.	2.7	64
1048	Membrane Lipid Replacement for chronic illnesses, aging and cancer using oral glycerolphospholipid formulations with fructooligosaccharides to restore phospholipid function in cellular membranes, organelles, cells and tissues. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1704-1724.	1.4	49
1049	Mitophagy and age-related pathologies: Development of new therapeutics by targeting mitochondrial turnover. , 2017, 178, 157-174.		112
1050	The role of total cell-free DNA in predicting outcomes among trauma patients in the intensive care unit: a systematic review. <i>Critical Care</i> , 2017, 21, 14.	2.5	68
1051	Systemic inflammation in acute intermittent porphyria: a caseâ€“control study. <i>Clinical and Experimental Immunology</i> , 2017, 187, 466-479.	1.1	25

#	ARTICLE	IF	CITATIONS
1052	Exogenous deoxyribonuclease has a protective effect in a mouse model of sepsis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 8-16.	2.5	35
1053	Urinary Mitochondrial DNA Levels Identify Acute Kidney Injury in Surgical Critical Illness Patients. <i>Shock</i> , 2017, 48, 11-17.	1.0	44
1054	Precision monitoring of immunotherapies in solid organ and hematopoietic stem cell transplantation. <i>Advanced Drug Delivery Reviews</i> , 2017, 114, 272-284.	6.6	1
1055	A Haptotaxis Assay for Neutrophils using Optical Patterning and a High-content Approach. <i>Scientific Reports</i> , 2017, 7, 2869.	1.6	19
1056	Receptor for advanced glycation end products is targeted by FBXO10 for ubiquitination and degradation. <i>FASEB Journal</i> , 2017, 31, 3894-3903.	0.2	14
1057	Mesenchymal stem cells sense mitochondria released from damaged cells as danger signals to activate their rescue properties. <i>Cell Death and Differentiation</i> , 2017, 24, 1224-1238.	5.0	202
1058	Anti-high Mobility Group Box 1 Antibody Ameliorates Albuminuria in MRL/lpr Lupus-Prone Mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 6, 31-39.	1.8	15
1059	Mitochondrial DNA damage associated molecular patterns in ventilator-associated pneumonia. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 120-125.	1.1	32
1060	Circulating extracellular DNA levels are acutely elevated in ischaemic stroke and associated with innate immune system activation. <i>Brain Injury</i> , 2017, 31, 1369-1375.	0.6	46
1061	Mitochondrial DNA Damage Initiates Acute Lung Injury and Multi-Organ System Failure Evoked in Rats by Intra-Tracheal <i>Pseudomonas Aeruginosa</i> . <i>Shock</i> , 2017, 48, 54-60.	1.0	34
1062	Genetic variance is associated with susceptibility for cigarette smoke-induced DAMP release in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L559-L580.	1.3	15
1063	Prospects for therapeutic mitochondrial transplantation. <i>Mitochondrion</i> , 2017, 35, 70-79.	1.6	85
1064	Short single-stranded DNA degradation products augment the activation of Toll-like receptor 9. <i>Nature Communications</i> , 2017, 8, 15363.	5.8	34
1065	TLR9 expression and secretion of LIF by prostate cancer cells stimulates accumulation and activity of polymorphonuclear MDSCs. <i>Journal of Leukocyte Biology</i> , 2017, 102, 423-436.	1.5	47
1066	Impact of a novel phosphoinositol-3 kinase inhibitor in preventing mitochondrial DNA damage and damage-associated molecular pattern accumulation. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 683-689.	1.1	11
1067	Current advances in the development of natural meniscus scaffolds: innovative approaches to decellularization and recellularization. <i>Cell and Tissue Research</i> , 2017, 370, 41-52.	1.5	35
1068	Neutrophil-derived mitochondrial DNA promotes receptor activator of nuclear factor κ B and its ligand signalling in rheumatoid arthritis. <i>Rheumatology</i> , 2017, 56, 1200-1205.	0.9	20
1070	Cells of the Immune System. <i>Molecular and Integrative Toxicology</i> , 2017, , 95-201.	0.5	1

#	ARTICLE	IF	CITATIONS
1071	Renal Mitochondrial Response to Low Temperature in Non-Hibernating and Hibernating Species. Antioxidants and Redox Signaling, 2017, 27, 599-617.	2.5	22
1072	Pathophysiology of Pediatric Multiple Organ Dysfunction Syndrome. Pediatric Critical Care Medicine, 2017, 18, S32-S45.	0.2	61
1073	Potential contribution of mitochondrial DNA damage associated molecular patterns in transfusion products to the development of acute respiratory distress syndrome after multiple transfusions. Journal of Trauma and Acute Care Surgery, 2017, 82, 1023-1029.	1.1	53
1074	Novel insights into systemic autoimmune rheumatic diseases using shared molecular signatures and an integrative analysis. Epigenetics, 2017, 12, 433-440.	1.3	14
1075	An intracellular matrix metalloproteinase-2 isoform induces tubular regulated necrosis: implications for acute kidney injury. American Journal of Physiology - Renal Physiology, 2017, 312, F1166-F1183.	1.3	14
1076	Toll-like receptor 9 mediates paraquat-induced acute lung injury: an in vitro and in vivo study. Life Sciences, 2017, 178, 109-118.	2.0	11
1077	Obesity-associated extracellular mtDNA activates central TGF β ² pathway to cause blood pressure increase. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E161-E174.	1.8	12
1078	Deoxyribonuclease partially ameliorates thioacetamide-induced hepatorenal injury. American Journal of Physiology - Renal Physiology, 2017, 312, G457-G463.	1.6	25
1079	Immunopathology in Toxicology and Drug Development. Molecular and Integrative Toxicology, 2017, , .	0.5	1
1080	IL-26 Confers Proinflammatory Properties to Extracellular DNA. Journal of Immunology, 2017, 198, 3650-3661.	0.4	69
1081	Fetal DNA does not induce preeclampsia-like symptoms when delivered in late pregnancy in the mouse. Placenta, 2017, 52, 100-105.	0.7	16
1082	Hepatic mitochondrial DNA/Toll-like receptor 9/MicroRNA-223 forms a negative feedback loop to limit neutrophil overactivation and acetaminophen hepatotoxicity in mice. Hepatology, 2017, 66, 220-234.	3.6	106
1083	Immunothrombosis in Acute Respiratory Distress Syndrome: Cross Talks between Inflammation and Coagulation. Respiration, 2017, 93, 212-225.	1.2	213
1084	Increased levels of cell-free mitochondrial DNA in the cerebrospinal fluid of patients with multiple sclerosis. Mitochondrion, 2017, 34, 32-35.	1.6	46
1085	Autophagy in Dendritic Cells and B Cells Is Critical for the Inflammatory State of TLR7-Mediated Autoimmunity. Journal of Immunology, 2017, 198, 1081-1092.	0.4	25
1086	Plasma DNA and RNA differentially impact coagulation during abdominal sepsis: an explorative study. Journal of Surgical Research, 2017, 210, 231-243.	0.8	17
1087	Increased cell-free mitochondrial DNA is a marker of ongoing inflammation and better neurocognitive function in virologically suppressed HIV-infected individuals. Journal of NeuroVirology, 2017, 23, 283-289.	1.0	18
1088	The role of caloric load and mitochondrial homeostasis in the regulation of the NLRP3 inflammasome. Cellular and Molecular Life Sciences, 2017, 74, 1777-1791.	2.4	28

#	ARTICLE	IF	CITATIONS
1089	Emerging role of HMGB1 in lung diseases: friend or foe. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1046-1057.	1.6	69
1090	Intrauterine growth restriction increases circulating mitochondrial DNA and Toll-like receptor 9 expression in adult offspring: could aerobic training counteract these adaptations?. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 236-243.	0.7	3
1091	Mitochondrial Dysfunction in Lung Pathogenesis. <i>Annual Review of Physiology</i> , 2017, 79, 495-515.	5.6	79
1092	Damage-associated molecular patterns and their role as initiators of inflammatory and auto-immune signals in systemic lupus erythematosus. <i>International Reviews of Immunology</i> , 2017, 36, 259-270.	1.5	34
1093	Necroptotic debris including damaged mitochondria elicits sepsis-like syndrome during late-phase tularemia. <i>Cell Death Discovery</i> , 2017, 3, 17056.	2.0	9
1094	Cell death and immunity in cancer: From danger signals to mimicry of pathogen defense responses. <i>Immunological Reviews</i> , 2017, 280, 126-148.	2.8	325
1095	NMI and IFP35 serve as proinflammatory DAMPs during cellular infection and injury. <i>Nature Communications</i> , 2017, 8, 950.	5.8	63
1096	Acute kidney injury in trauma patients. <i>Current Opinion in Critical Care</i> , 2017, 23, 447-456.	1.6	70
1097	Recent Advances in Decellularization and Recellularization for Tissue-Engineered Liver Grafts. <i>Cells Tissues Organs</i> , 2017, 204, 125-136.	1.3	24
1098	Peritoneal cavity lavage reduces the presence of mitochondrial damage associated molecular patterns in open abdomen patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 1062-1065.	1.1	9
1099	miR-25/93 mediates hypoxia-induced immunosuppression by repressing cGAS. <i>Nature Cell Biology</i> , 2017, 19, 1286-1296.	4.6	95
1100	Regulation of Inflammatory Signaling in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	7
1101	Telomere Damage Response and Low-Grade Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1024, 213-224.	0.8	7
1102	Antibiotic-induced release of small extracellular vesicles (exosomes) with surface-associated DNA. <i>Scientific Reports</i> , 2017, 7, 8202.	1.6	102
1103	Health relevance of the modification of low grade inflammation in ageing (inflammageing) and the role of nutrition. <i>Ageing Research Reviews</i> , 2017, 40, 95-119.	5.0	337
1104	Investigating toxicity specific to adjuvanted vaccines. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 29-38.	1.3	6
1105	Endotracheal tube-induced sore throat pain and inflammation is coupled to the release of mitochondrial DNA. <i>Molecular Pain</i> , 2017, 13, 174480691773169.	1.0	20
1106	Mitochondrial DNA Double-Strand Breaks in Oligodendrocytes Cause Demyelination, Axonal Injury, and CNS Inflammation. <i>Journal of Neuroscience</i> , 2017, 37, 10185-10199.	1.7	34

#	ARTICLE	IF	CITATIONS
1107	Urinary Mitochondrial DNA Level as a Biomarker of Acute Kidney Injury Severity. <i>Kidney Diseases (Basel)</i> , 2017, 12, 17.	1.2	17
1108	Mitochondrial DNA and TLR9 Signaling Is Not Involved in Mechanical Ventilation-Induced Inflammation. <i>Anesthesia and Analgesia</i> , 2017, 124, 531-534.	1.1	4
1109	DNA Sensing across the Tree of Life. <i>Trends in Immunology</i> , 2017, 38, 719-732.	2.9	77
1110	The peritoneum: healing, immunity, and diseases. <i>Journal of Pathology</i> , 2017, 243, 137-147.	2.1	93
1111	New Insights on Platelets and Platelet-Derived Microparticles in Systemic Lupus Erythematosus. <i>Current Rheumatology Reports</i> , 2017, 19, 48.	2.1	26
1112	Perioperative plasma mitochondrial DNA dynamics and correlation with inflammation during infantile cardiopulmonary bypass. <i>Indian Heart Journal</i> , 2017, 69, 797-800.	0.2	4
1113	Hepatic mitochondrial bioenergetics in aged C57BL/6 mice exhibit delayed recovery from severe burn injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2705-2714.	1.8	13
1114	UV Radiation Activates Toll-Like Receptor 9 Expression in Primary Human Keratinocytes, an Event Inhibited by Human Papillomavirus 38 E6 and E7 Oncoproteins. <i>Journal of Virology</i> , 2017, 91, .	1.5	22
1115	Deficiency in cold-inducible RNA-binding protein attenuates acute respiratory distress syndrome induced by intestinal ischemia-reperfusion. <i>Surgery</i> , 2017, 162, 917-927.	1.0	29
1116	Toll-Like Receptor Signaling in Burn Wound Healing and Scarring. <i>Advances in Wound Care</i> , 2017, 6, 330-343.	2.6	47
1117	Genipin protects d-galactosamine and lipopolysaccharide-induced hepatic injury through suppression of the necroptosis-mediated inflammasome signaling. <i>European Journal of Pharmacology</i> , 2017, 812, 128-137.	1.7	42
1118	Protective role of surface Toll-like receptor 9 expressing neutrophils in local inflammation during systemic inflammatory response syndrome in mice. <i>Molecular Immunology</i> , 2017, 90, 74-86.	1.0	10
1119	New and revisited approaches to preserving the reperfused myocardium. <i>Nature Reviews Cardiology</i> , 2017, 14, 679-693.	6.1	56
1120	Necrostatin-1 Protects Against d-Galactosamine and Lipopolysaccharide-Induced Hepatic Injury by Preventing TLR4 and RAGE Signaling. <i>Inflammation</i> , 2017, 40, 1912-1923.	1.7	18
1121	Mitochondrial dysfunction as a trigger of innate immune responses and inflammation. <i>Toxicology</i> , 2017, 391, 54-63.	2.0	135
1122	Neuroimmune Mechanisms of Cerebellar Development and Its Developmental Disorders: Bidirectional Link Between the Immune System and Nervous System. , 2017, , 255-274.		2
1123	Role of Procalcitonin in the Management of Infected Patients in the Intensive Care Unit. <i>Infectious Disease Clinics of North America</i> , 2017, 31, 435-453.	1.9	28
1124	Exogenous administration of mitochondrial DNA promotes ischemia reperfusion injury via TLR9-p38 MAPK pathway. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 89, 148-154.	1.3	29

#	ARTICLE	IF	CITATIONS
1125	A Novel Large Animal Model of Acute Respiratory Distress Syndrome Induced by Mitochondrial Products. <i>Annals of Surgery</i> , 2017, 266, 1091-1096.	2.1	3
1126	Cytochrome c limits oxidative stress and decreases acidosis in a rat model of hemorrhagic shock and reperfusion injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 35-41.	1.1	12
1127	Angiotensin II-Mediated Increases in Damage-Associated Molecular Patterns During Acute Mental Stress. <i>Psychosomatic Medicine</i> , 2017, 79, 112-114.	1.3	2
1128	Mitochondrial Nexus to Allostatic Load Biomarkers. <i>Psychosomatic Medicine</i> , 2017, 79, 114-117.	1.3	15
1129	Extracellular Mitochondrial DNA Is Generated by Fibroblasts and Predicts Death in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1571-1581.	2.5	140
1130	Where Does Inflammation Fit?. <i>Current Cardiology Reports</i> , 2017, 19, 84.	1.3	32
1131	cfDNA correlates with endothelial damage after cardiac surgery with prolonged cardiopulmonary bypass and amplifies NETosis in an intracellular TLR9-independent manner. <i>Scientific Reports</i> , 2017, 7, 17421.	1.6	60
1132	Acute Graft-versus-Host Disease – Biologic Process, Prevention, and Therapy. <i>New England Journal of Medicine</i> , 2017, 377, 2167-2179.	13.9	822
1133	Roles of Mitochondrial DNA Signaling in Immune Responses. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1038, 39-53.	0.8	9
1134	Antiphospholipid antibodies increase the levels of mitochondrial DNA in placental extracellular vesicles: Alarmin-g for preeclampsia. <i>Scientific Reports</i> , 2017, 7, 16556.	1.6	37
1135	Ly6G+ neutrophil-derived miR-223 inhibits the NLRP3 inflammasome in mitochondrial DAMP-induced acute lung injury. <i>Cell Death and Disease</i> , 2017, 8, e3170-e3170.	2.7	80
1136	Mitochondrial damage-associated molecular patterns in blood transfusion products. <i>ISBT Science Series</i> , 2017, 12, 501-505.	1.1	5
1137	4-Aroyl-3-hydroxy-5-phenyl-1H-pyrrol-2(5H)-ones as N-formyl peptide receptor 1 (FPR1) antagonists. <i>Biochemical Pharmacology</i> , 2017, 142, 120-132.	2.0	23
1138	Immunosenescence: the Role of Aging in the Predisposition to Neuro-Infectious Complications Arising from the Treatment of Multiple Sclerosis. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 61.	2.0	49
1139	Basic Biology of Oxidative Stress and the Cardiovascular System. <i>Journal of the American College of Cardiology</i> , 2017, 70, 196-211.	1.2	171
1140	Necroptosis in cancer: An angel or a demon?. <i>Tumor Biology</i> , 2017, 39, 101042831771153.	0.8	61
1141	The mitochondrial inhibitor oligomycin induces an inflammatory response in the rat knee joint. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 254.	0.8	21
1143	Circulating DNA in rheumatoid arthritis: pathological changes and association with clinically used serological markers. <i>Arthritis Research and Therapy</i> , 2017, 19, 85.	1.6	54

#	ARTICLE	IF	CITATIONS
1144	Low HDL levels in sepsis versus trauma patients in intensive care unit. <i>Annals of Intensive Care</i> , 2017, 7, 60.	2.2	54
1145	Extracellular cytochrome c as an intercellular signaling molecule regulating microglial functions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2274-2281.	1.1	43
1146	Mechanisms of bile acid mediated inflammation in the liver. <i>Molecular Aspects of Medicine</i> , 2017, 56, 45-53.	2.7	174
1147	Damage-associated molecular patterns (DAMPs) released after burn are associated with inflammation and monocyte activation. <i>Burns</i> , 2017, 43, 297-303.	1.1	84
1148	Inflammaging and "Carb-aging"™. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 199-212.	3.1	624
1149	Danger-associated molecular patterns in Alzheimer's disease. <i>Journal of Leukocyte Biology</i> , 2017, 101, 87-98.	1.5	158
1150	Redox signaling mediated by the gut microbiota. <i>Free Radical Biology and Medicine</i> , 2017, 105, 41-47.	1.3	132
1151	Survival after multiple traumas is associated with improved outcomes from gram-negative sepsis: Clinical and experimental evidence. <i>Journal of Infection</i> , 2017, 74, 163-171.	1.7	4
1152	Patients with HBV-related acute-on-chronic liver failure have increased concentrations of extracellular histones aggravating cellular damage and systemic inflammation. <i>Journal of Viral Hepatitis</i> , 2017, 24, 59-67.	1.0	20
1153	Metabolites Associated With Malnutrition in the Intensive Care Unit Are Also Associated With 28-Day Mortality. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 188-197.	1.3	26
1154	Alarmins firing arthritis: Helpful diagnostic tools and promising therapeutic targets. <i>Joint Bone Spine</i> , 2017, 84, 401-410.	0.8	16
1155	Mitochondria-Targeted Antioxidants and Uncouplers of Oxidative Phosphorylation in Treatment of the Systemic Inflammatory Response Syndrome (SIRS). <i>Journal of Cellular Physiology</i> , 2017, 232, 904-912.	2.0	13
1156	Microparticle and mitochondrial release during extended storage of different types of platelet concentrates. <i>Platelets</i> , 2017, 28, 272-280.	1.1	55
1157	Phagocytizing activity of PMN from severe trauma patients in different post-traumatic phases during the 10-days post-injury course. <i>Immunobiology</i> , 2017, 222, 301-307.	0.8	7
1158	Postinjury Inflammation and Organ Dysfunction. <i>Critical Care Clinics</i> , 2017, 33, 167-191.	1.0	123
1159	The advantageous role of annexin A1 in cardiovascular disease. <i>Cell Adhesion and Migration</i> , 2017, 11, 261-274.	1.1	38
1160	Mechanisms of Cell Death in the Developing Brain. , 2017, , 76-85.e4.		1
1161	Novel Fusion Protein Targeting Mitochondrial DNA Improves Pancreatic Islet Functional Potency and Islet Transplantation Outcomes. <i>Cell Transplantation</i> , 2017, 26, 1742-1754.	1.2	5

#	ARTICLE	IF	CITATIONS
1163	Programmed aging of mammals: Proof of concept and prospects of biochemical approaches for anti-aging therapy. <i>Biochemistry (Moscow)</i> , 2017, 82, 1403-1422.	0.7	36
1164	Bacterial therapy and mitochondrial therapy. <i>Biochemistry (Moscow)</i> , 2017, 82, 1549-1556.	0.7	5
1165	Continuous Hemoadsorption with a Cytokine Adsorber during Sepsis – a Review of the Literature. <i>International Journal of Artificial Organs</i> , 2017, 40, 205-211.	0.7	43
1166	S100A8/A9 and sRAGE kinetic after polytrauma; an explorative observational study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 114.	1.1	9
1167	Exogenous 8-oxo-7,8-dihydro-2-deoxyguanosine: Biomedical properties, mechanisms of action, and therapeutic potential. <i>Biochemistry (Moscow)</i> , 2017, 82, 1686-1701.	0.7	17
1168	Advances in the understanding of mitochondrial DNA as a pathogenic factor in inflammatory diseases. <i>F1000Research</i> , 2017, 6, 169.	0.8	127
1169	Therapeutic strategies for alcoholic liver disease: Focusing on inflammation and fibrosis (Review). <i>International Journal of Molecular Medicine</i> , 2017, 40, 263-270.	1.8	49
1170	Metabolic Regulation of Immunity. , 2017, , 318-326.		1
1171	Computational Modeling in Liver Surgery. <i>Frontiers in Physiology</i> , 2017, 8, 906.	1.3	27
1172	Involvement of Mitochondrial Disorders in Septic Cardiomyopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	53

1173

#	ARTICLE	IF	CITATIONS
1181	Mitochondria-Derived Damage-Associated Molecular Patterns in Neurodegeneration. <i>Frontiers in Immunology</i> , 2017, 8, 508.	2.2	84
1182	Innate Immune Function of Mitochondrial Metabolism. <i>Frontiers in Immunology</i> , 2017, 8, 527.	2.2	40
1183	Wip1 Deficiency Promotes Neutrophil Recruitment to the Infection Site and Improves Sepsis Outcome. <i>Frontiers in Immunology</i> , 2017, 8, 1023.	2.2	11
1184	Chronic Inflammation in Immune Aging: Role of Pattern Recognition Receptor Crosstalk with the Telomere Complex?. <i>Frontiers in Immunology</i> , 2017, 8, 1078.	2.2	77
1185	Septic Shock and the Aging Process: A Molecular Comparison. <i>Frontiers in Immunology</i> , 2017, 8, 1389.	2.2	9
1186	Mitochondria, Bioenergetics and Excitotoxicity: New Therapeutic Targets in Perinatal Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 199.	1.8	43
1187	Cell Death in the Developing Brain after Hypoxia-Ischemia. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 248.	1.8	123
1188	Anti-Inflammatory Targets for the Treatment of Reperfusion Injury in Stroke. <i>Frontiers in Neurology</i> , 2017, 8, 467.	1.1	178
1189	Roles of Pannexin-1 Channels in Inflammatory Response through the TLRs/NF-Kappa B Signaling Pathway Following Experimental Subarachnoid Hemorrhage in Rats. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 175.	1.4	46
1190	Sepsis-Induced Cardiomyopathy: Oxidative Implications in the Initiation and Resolution of the Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	1.9	53
1191	Nanotechnology-Based Management of Neurological Autoimmune Diseases. , 2017, , 279-290.		1
1192	DAMPs Synergize with Cytokines or Fibronectin Fragment on Inducing Chondrolysis but Lose Effect When Acting Alone. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12.	1.4	11
1193	Pharmacokinetic and Toxicological Evaluation of a Zinc Gluconate-Based Chemical Sterilant Using In Vitro and In Silico Approaches. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	19
1194	The Role of Oxidative Stress, Mitochondrial Function, and Autophagy in Diabetic Polyneuropathy. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-15.	1.0	115
1195	Artificial Mitochondria Transfer: Current Challenges, Advances, and Future Applications. <i>Stem Cells International</i> , 2017, 2017, 1-23.	1.2	95
1196	Proximate Mediators of Microvascular Dysfunction at the Blood-Brain Barrier: Neuroinflammatory Pathways to Neurodegeneration. <i>BioMed Research International</i> , 2017, 2017, 1-14.	0.9	3
1197	Clinical implications and pathological associations of circulating mitochondrial DNA. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1011-1022.	3.0	13
1198	Role of the Transcription Factor Interferon Regulatory Factor-1 in Regulating Autophagy in Lipopolysaccharide-Stimulated Macrophages. , 2017, , 211-230.		1

#	ARTICLE	IF	CITATIONS
1199	Bile acids initiate cholestatic liver injury by triggering a hepatocyte-specific inflammatory response. <i>JCI Insight</i> , 2017, 2, e90780.	2.3	181
1200	A conserved mitochondrial surveillance pathway is required for defense against <i>Pseudomonas aeruginosa</i> . <i>PLoS Genetics</i> , 2017, 13, e1006876.	1.5	40
1201	Time for trauma immunology. <i>PLoS Medicine</i> , 2017, 14, e1002342.	3.9	14
1202	Integrative model of leukocyte genomics and organ dysfunction in heart failure patients requiring mechanical circulatory support: a prospective observational study. <i>BMC Medical Genomics</i> , 2017, 10, 52.	0.7	5
1203	Progression of pathology in PINK1-deficient mouse brain from splicing via ubiquitination, ER stress, and mitophagy changes to neuroinflammation. <i>Journal of Neuroinflammation</i> , 2017, 14, 154.	3.1	63
1204	Hyperfibrinolysis in severe isolated traumatic brain injury may occur without tissue hypoperfusion: a retrospective observational multicentre study. <i>Critical Care</i> , 2017, 21, 222.	2.5	29
1205	Biomarkers for patients with trauma associated acute respiratory distress syndrome. <i>Military Medical Research</i> , 2017, 4, 25.	1.9	24
1206	Sterile Inflammation and Degradation Systems in Heart Failure. <i>Circulation Journal</i> , 2017, 81, 622-628.	0.7	18
1207	Mitochondrial DNA-induced inflammatory damage contributes to myocardial ischemia reperfusion injury in rats: Cardioprotective role of epigallocatechin. <i>Molecular Medicine Reports</i> , 2017, 16, 7569-7576.	1.1	25
1208	Sparstolonin B selectively suppresses toll-like receptor 2 and 4 to alleviate neuropathic pain. <i>Molecular Medicine Reports</i> , 2018, 17, 1247-1252.	1.1	7
1209	The Cardiokines. , 2017, , 87-114.		0
1210	FDA-approved immunosuppressants targeting staphylococcal superantigens: mechanisms and insights. <i>ImmunoTargets and Therapy</i> , 2017, Volume 6, 17-29.	2.7	6
1211	Whole-Liver Decellularization: Advances and Insights into Current Understanding. , 2017, , .		4
1212	An Oligodeoxynucleotide with AAAG Repeats Significantly Attenuates Burn-induced Systemic inflammatory Responses by inhibiting interferon Regulatory Factor 5 Pathway. <i>Molecular Medicine</i> , 2017, 23, 166-176.	1.9	8
1213	The Connections Among Autophagy, Inflammasome and Mitochondria. <i>Current Drug Targets</i> , 2017, 18, 1030-1038.	1.0	14
1214	Inflammatory Response During Myocardial Infarction. <i>Advances in Clinical Chemistry</i> , 2018, 84, 39-79.	1.8	26
1215	Pathophysiologie nach Polytrauma. , 2018, , 53-65.		0
1216	Mitochondrial DNA as an inflammatory mediator in cardiovascular diseases. <i>Biochemical Journal</i> , 2018, 475, 839-852.	1.7	101

#	ARTICLE	IF	CITATIONS
1217	Serum from the Human Fracture Hematoma Contains a Potent Inducer of Neutrophil Chemotaxis. <i>Inflammation</i> , 2018, 41, 1084-1092.	1.7	11
1218	Elevated Cell-Free Mitochondrial DNA in Filtered Plasma Is Associated With HIV Infection and Inflammation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 111-118.	0.9	25
1219	Kupffer cell-derived TNF- α promotes hepatocytes to produce CXCL1 and mobilize neutrophils in response to necrotic cells. <i>Cell Death and Disease</i> , 2018, 9, 323.	2.7	60
1220	Treatment of acetaminophen-induced liver injury with exogenous mitochondria in mice. <i>Translational Research</i> , 2018, 196, 31-41.	2.2	40
1223	Innate immune responses to trauma. <i>Nature Immunology</i> , 2018, 19, 327-341.	7.0	377
1224	PKD regulates actin polymerization, neutrophil deformability, and transendothelial migration in response to fMLP and trauma. <i>Journal of Leukocyte Biology</i> , 2018, 104, 615-630.	1.5	11
1225	Longitudinal Evaluation of Plasma Concentrations of Presepsin in Patients after Severe Trauma: A Prospective Observational Study. <i>Surgical Infections</i> , 2018, 19, 480-487.	0.7	10
1226	Sepsis Biomarkers. , 2018, , 81-94.		0
1227	Impact on the brain of the inflammatory response to surgery. <i>Presse Medicale</i> , 2018, 47, e73-e81.	0.8	61
1228	Mitochondrial DNA variation and the pathogenesis of osteoarthritis phenotypes. <i>Nature Reviews Rheumatology</i> , 2018, 14, 327-340.	3.5	112
1229	Macrophages play an essential role in trauma-induced sterile inflammation and tissue repair. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 335-349.	0.8	52
1230	The ubiquitin proteasome system as a potential therapeutic target for systemic sclerosis. <i>Translational Research</i> , 2018, 198, 17-28.	2.2	10
1231	Systemic lupus erythematosus and systemic sclerosis: All roads lead to platelets. <i>Autoimmunity Reviews</i> , 2018, 17, 625-635.	2.5	60
1232	Metformin adapts its cellular effects to bioenergetic status in a model of metabolic dysfunction. <i>Scientific Reports</i> , 2018, 8, 5646.	1.6	12
1233	Reduced deoxyribonuclease enzyme activity in response to high postinjury mitochondrial DNA concentration provides a therapeutic target for Systemic Inflammatory Response Syndrome. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 354-358.	1.1	21
1234	Neurocognitive Function after Cardiac Surgery. <i>Anesthesiology</i> , 2018, 129, 829-851.	1.3	157
1235	Mitochondrial DNA and TLR9 drive muscle inflammation upon Opa1 deficiency. <i>EMBO Journal</i> , 2018, 37, .	3.5	139
1236	A clinically relevant and bias-controlled murine model to study acute traumatic coagulopathy. <i>Scientific Reports</i> , 2018, 8, 5783.	1.6	12

#	ARTICLE	IF	CITATIONS
1237	The source of cell-free mitochondrial DNA in trauma and potential therapeutic strategies. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 325-334.	0.8	80
1238	Stem cell-derived mitochondria transplantation: a novel strategy and the challenges for the treatment of tissue injury. <i>Stem Cell Research and Therapy</i> , 2018, 9, 106.	2.4	58
1239	What's New in Shock, March 2018?. <i>Shock</i> , 2018, 49, 239-242.	1.0	0
1240	Circulating cell-free mitochondrial DNA, but not leukocyte mitochondrial DNA copy number, is elevated in major depressive disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1557-1564.	2.8	135
1241	Danger Signals in the ICU. <i>Critical Care Medicine</i> , 2018, 46, 791-798.	0.4	17
1242	Mitochondria and sterile inflammation in the heart. <i>Current Opinion in Physiology</i> , 2018, 1, 68-74.	0.9	2
1243	The enigmatic neutrophil: what we do not know. <i>Cell and Tissue Research</i> , 2018, 371, 399-406.	1.5	104
1244	Biomaterials for revascularization and immunomodulation after spinal cord injury. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 044105.	1.7	58
1245	Neutrophils and neutrophil extracellular traps in the liver and gastrointestinal system. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 206-221.	8.2	160
1246	Early immune anergy towards recall antigens and mitogens in patients at onset of septic shock. <i>Scientific Reports</i> , 2018, 8, 1754.	1.6	20
1247	Cardioprotective Role of Myeloid-Derived Suppressor Cells in Heart Failure. <i>Circulation</i> , 2018, 138, 181-197.	1.6	64
1248	Psychological Stress and Mitochondria: A Conceptual Framework. <i>Psychosomatic Medicine</i> , 2018, 80, 126-140.	1.3	159
1249	Cell-free DNA: the role in pathophysiology and as a biomarker in kidney diseases. <i>Expert Reviews in Molecular Medicine</i> , 2018, 20, e1.	1.6	57
1250	Mitochondrial DNA damage and subsequent activation of Z-DNA binding protein 1 links oxidative stress to inflammation in epithelial cells. <i>Scientific Reports</i> , 2018, 8, 914.	1.6	100
1251	Circulating Platelets as Mediators of Immunity, Inflammation, and Thrombosis. <i>Circulation Research</i> , 2018, 122, 337-351.	2.0	600
1252	Neutrophil chemotaxis. <i>Cell and Tissue Research</i> , 2018, 371, 425-436.	1.5	160
1253	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
1254	Hemorrhagic Shock. <i>New England Journal of Medicine</i> , 2018, 378, 370-379.	13.9	450

#	ARTICLE	IF	CITATIONS
1255	Pathogen- and Danger-Associated Molecular Patterns and the Cytokine Response in Sepsis. <i>Surgical Infections</i> , 2018, 19, 107-116.	0.7	76
1256	Chronic kidney disease and acquired mitochondrial myopathy. <i>Current Opinion in Nephrology and Hypertension</i> , 2018, 27, 113-120.	1.0	39
1257	Mitoinmunityâ€™when mitochondria dictates macrophage function. <i>Cell Biology International</i> , 2018, 42, 651-655.	1.4	12
1258	Inflammation following acute myocardial infarction: Multiple players, dynamic roles, and novel therapeutic opportunities. , 2018, 186, 73-87.		533
1259	The potential therapeutic effects of ergothioneine in pre-eclampsia. <i>Free Radical Biology and Medicine</i> , 2018, 117, 145-157.	1.3	48
1260	The Evolving Science of Trauma Resuscitation. <i>Emergency Medicine Clinics of North America</i> , 2018, 36, 85-106.	0.5	57
1261	Mitochondria, the NLRP3 Inflammasome, and Sirtuins in Type 2 Diabetes: New Therapeutic Targets Reviewing Editors: <i>Markus Bachschmid, Dylan Burger, Vittorio Calabrese, Amadou Camara, Lukas Kubala, Giuseppe Poli, and Chandan K. Sen</i>. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 749-791.	2.5	74
1262	Pneumolysin induced mitochondrial dysfunction leads to release of mitochondrial DNA. <i>Scientific Reports</i> , 2018, 8, 182.	1.6	40
1263	Connexin 43 Hemichannel as a Novel Mediator of Sterile and Infectious Inflammatory Diseases. <i>Scientific Reports</i> , 2018, 8, 166.	1.6	50
1264	Cardiolipin activates antigenâ€™presenting cells via TLR2â€™PI3Kâ€™PKN1â€™AKT/p38â€™NFâ€™kâ€™B signaling to prime antigenâ€™specific na~ve T cells in mice. <i>European Journal of Immunology</i> , 2018, 48, 777-790.	1.6	11
1265	Recognizing conserved non-canonical localization patterns of toll-like receptors in tissues and across species. <i>Cell and Tissue Research</i> , 2018, 372, 1-11.	1.5	33
1266	The release of microparticles and mitochondria from RAW 264.7 murine macrophage cells undergoing necroptotic cell death in vitro. <i>Experimental Cell Research</i> , 2018, 363, 151-159.	1.2	15
1267	Danger-Associated Molecular Patterns Derived From the Extracellular Matrix Provide Temporal Control of Innate Immunity. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 213-227.	1.3	118
1268	Lymphocytes eject interferogenic mitochondrial DNA webs in response to CpG and non-CpG oligodeoxynucleotides of class C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E478-E487.	3.3	100
1269	Urinary mitochondrial DNA level is an indicator of intra-renal mitochondrial depletion and renal scarring in diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 784-788.	0.4	49
1270	Cell-free DNA as a biomarker in stroke: Current status, problems and perspectives. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 55-70.	2.7	21
1271	Regenerative abilities of mesenchymal stem cells through mitochondrial transfer. <i>Journal of Biomedical Science</i> , 2018, 25, 31.	2.6	224
1272	Cerebrospinal fluid mitochondrial DNA in neuromyelitis optica spectrum disorder. <i>Journal of Neuroinflammation</i> , 2018, 15, 125.	3.1	12

#	ARTICLE	IF	CITATIONS
1273	Danger signals in trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 301-316.	0.8	46
1274	Mitochondrial DNA Is a Pro-Inflammatory Damage-Associated Molecular Pattern Released During Active IBD. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2113-2122.	0.9	87
1275	Mitochondrial DNA induces Foley catheter related bladder inflammation via Toll-like receptor 9 activation. <i>Scientific Reports</i> , 2018, 8, 6377.	1.6	6
1276	Psychoneuroimmunology: The Experiential Dimension. <i>Methods in Molecular Biology</i> , 2018, 1781, 37-53.	0.4	1
1277	Mitochondrial dysfunction in cumulus-oocyte complexes increases cell-free mitochondrial DNA. <i>Journal of Reproduction and Development</i> , 2018, 64, 261-266.	0.5	19
1278	Intercellular mitochondria trafficking highlighting the dual role of mesenchymal stem cells as both sensors and rescuers of tissue injury. <i>Cell Cycle</i> , 2018, 17, 712-721.	1.3	76
1279	Extracellular DNA promotes colorectal tumor cell survival after cytotoxic chemotherapy. <i>Journal of Surgical Research</i> , 2018, 226, 181-191.	0.8	29
1280	Mitocryptides from Human Mitochondrial DNAâ€“Encoded Proteins Activate Neutrophil Formyl Peptide Receptors: Receptor Preference and Signaling Properties. <i>Journal of Immunology</i> , 2018, 200, 3269-3282.	0.4	21
1281	Potential Mechanisms of Mitochondrial DNA Mediated Acquired Mitochondrial Disease. , 2018, , 297-315.		3
1282	PUMA amplifies necroptosis signaling by activating cytosolic DNA sensors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3930-3935.	3.3	121
1283	Vitamin Dâ€“binding protein deficiency in mice decreases systemic and select tissue levels of inflammatory cytokines in a murine model of acute muscle injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 847-854.	1.1	4
1284	Amicus or Adversary Revisited: Platelets in Acute Lung Injury and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 18-35.	1.4	50
1285	The non-haemostatic role of platelets in systemic lupus erythematosus. <i>Nature Reviews Rheumatology</i> , 2018, 14, 195-213.	3.5	78
1286	Higher levels of free plasma mitochondrial DNA are associated with the onset of chronic GvHD. <i>Bone Marrow Transplantation</i> , 2018, 53, 1263-1269.	1.3	10
1287	A Mouse Model of Orthopedic Surgery to Study Postoperative Cognitive Dysfunction and Tissue Regeneration. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	31
1288	Inflammatory Mediators in Intra-abdominal Sepsis. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2018, , 15-28.	0.1	2
1289	Adjunctive Therapies in Abdominal Sepsis. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2018, , 359-368.	0.1	0
1290	Diverse roles of mitochondria in ischemic stroke. <i>Redox Biology</i> , 2018, 16, 263-275.	3.9	280

#	ARTICLE	IF	CITATIONS
1291	Induced hypothermia is associated with reduced circulating subunits of mitochondrial DNA in cardiac arrest patients. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 525-528.	0.7	7
1292	Gut microbiota functions: metabolism of nutrients and other food components. <i>European Journal of Nutrition</i> , 2018, 57, 1-24.	1.8	1,608
1293	MDR1 deficiency impairs mitochondrial homeostasis and promotes intestinal inflammation. <i>Mucosal Immunology</i> , 2018, 11, 120-130.	2.7	70
1294	A review of decellurization methods caused by an urgent need for quality control of cell-free extracellular matrix' scaffolds and their role in regenerative medicine. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 909-923.	1.6	91
1295	Cerebrospinal fluid mtDNA concentration is elevated in multiple sclerosis disease and responds to treatment. <i>Multiple Sclerosis Journal</i> , 2018, 24, 472-480.	1.4	30
1296	Mitochondrial DAMPs Are Released During Cardiopulmonary Bypass Surgery and Are Associated With Postoperative Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2018, 27, 122-129.	0.2	64
1297	Isolated Mitochondria Transfer Improves Neuronal Differentiation of Schizophrenia-Derived Induced Pluripotent Stem Cells and Rescues Deficits in a Rat Model of the Disorder. <i>Schizophrenia Bulletin</i> , 2018, 44, 432-442.	2.3	81
1298	Histone-Complexed DNA Fragments Levels are Associated with Coagulopathy, Endothelial Cell Damage, and Increased Mortality after Severe Pediatric Trauma. <i>Shock</i> , 2018, 49, 44-52.	1.0	32
1299	The relationship between circulating mitochondrial DNA and inflammatory cytokines in patients with major depression. <i>Journal of Affective Disorders</i> , 2018, 233, 15-20.	2.0	71
1300	Mechanisms regulating immune surveillance of cellular stress in cancer. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 225-240.	2.4	22
1301	Disruptive physiology: olfaction and the microbiome-gut-brain axis. <i>Biological Reviews</i> , 2018, 93, 390-403.	4.7	27
1302	Extracellular self-DNA as a damage-associated molecular pattern (DAMP) that triggers self-specific immunity induction in plants. <i>Brain, Behavior, and Immunity</i> , 2018, 72, 78-88.	2.0	56
1303	Burn Pain: A Systematic and Critical Review of Epidemiology, Pathophysiology, and Treatment. <i>Pain Medicine</i> , 2018, 19, 708-734.	0.9	61
1304	Red Blood Cells Homeostatically Bind Mitochondrial DNA through TLR9 to Maintain Quiescence and to Prevent Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 470-480.	2.5	90
1305	Permeability and calcium signaling in lung endothelium: unpack the box. <i>Pulmonary Circulation</i> , 2018, 8, 204589321773821.	0.8	7
1306	Sepsis Definitions. <i>Critical Care Clinics</i> , 2018, 34, 1-14.	1.0	15
1307	Innate immunity and tolerance toward mitochondria. <i>Mitochondrion</i> , 2018, 41, 14-20.	1.6	71
1308	The Role of Danger Signals in the Pathogenesis and Perpetuation of Critical Illness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 300-309.	2.5	35

#	ARTICLE	IF	CITATIONS
1309	Neutrophil Activation During Septic Shock. <i>Shock</i> , 2018, 49, 371-384.	1.0	45
1310	Mitochondrial DNA is Released in Urine of SIRS Patients With Acute Kidney Injury and Correlates With Severity of Renal Dysfunction. <i>Shock</i> , 2018, 49, 301-310.	1.0	47
1311	Neutrophils: a cornerstone of liver ischemia and reperfusion injury. <i>Laboratory Investigation</i> , 2018, 98, 51-62.	1.7	133
1312	Poor microcirculatory flow dynamics are associated with endothelial cell damage and glycocalyx shedding after traumatic hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 81-88.	1.1	68
1313	Formyl Peptide Receptors in Mice and Men: Similarities and Differences in Recognition of Conventional Ligands and Modulating Lipopeptides. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 191-198.	1.2	27
1314	Toll Like Receptors in systemic sclerosis: An emerging target. <i>Immunology Letters</i> , 2018, 195, 2-8.	1.1	30
1315	Imbalance of Mitochondrial Respiratory Chain Complexes in the Epidermis Induces Severe Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 132-140.	0.3	28
1316	The emerging role of immune dysfunction in mitochondrial diseases as a paradigm for understanding immunometabolism. <i>Metabolism: Clinical and Experimental</i> , 2018, 81, 97-112.	1.5	49
1317	Inflammation and fibrosis. <i>Matrix Biology</i> , 2018, 68-69, 106-121.	1.5	325
1318	Mitochondrial dysfunction and damage associated molecular patterns (DAMPs) in chronic inflammatory diseases. <i>Mitochondrion</i> , 2018, 41, 37-44.	1.6	140
1319	SDF-1 induces TNF-mediated apoptosis in cardiac myocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 79-91.	2.2	47
1320	Inflammation and thrombosis: roles of neutrophils, platelets and endothelial cells and their interactions in thrombus formation during sepsis. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 231-241.	1.9	333
1321	Suppressive oligodeoxynucleotides containing TTAGGG motifs inhibit cGAS activation in human monocytes. <i>European Journal of Immunology</i> , 2018, 48, 605-611.	1.6	60
1322	Mitochondrial metabolism and cancer. <i>Cell Research</i> , 2018, 28, 265-280.	5.7	818
1323	Role of toll-like receptors in inflammatory bowel disease. <i>Pharmacological Research</i> , 2018, 129, 204-215.	3.1	95
1324	Circulating Mitochondrial DNA at the Crossroads of Mitochondrial Dysfunction and Inflammation During Aging and Muscle Wasting Disorders. <i>Rejuvenation Research</i> , 2018, 21, 350-359.	0.9	104
1325	Sequestering Damage-associated Molecular Patterns in Critical Illness. A Novel Homeostatic Role for the Erythrocyte. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 416-418.	2.5	1
1326	Mitochondrial DNA in Acute Kidney Injury: Chicken or Egg?. <i>Shock</i> , 2018, 49, 352-353.	1.0	5

#	ARTICLE	IF	CITATIONS
1327	Accelerated aging in perinatally HIV-infected children: clinical manifestations and pathogenetic mechanisms. <i>Aging</i> , 2018, 10, 3610-3625.	1.4	23
1328	The Microbiome and the Epigenetics of Diabetes Mellitus. , 0, , .		4
1329	In Response. <i>Anesthesia and Analgesia</i> , 2018, 127, e92-e93.	1.1	0
1330	Interpreting biomarkers in infectious diseases in intensive care unit: the potential role of procalcitonin. <i>Journal of Emergency and Critical Care Medicine</i> , 2018, 2, 107-107.	0.7	0
1331	Attenuation of Lipopolysaccharide-Induced Acute Lung Injury by Cyclosporine-A via Suppression of Mitochondrial DNA. <i>Medical Science Monitor</i> , 2018, 24, 7682-7688.	0.5	16
1332	Human tissue-specific MSCs demonstrate differential mitochondria transfer abilities that may determine their regenerative abilities. <i>Stem Cell Research and Therapy</i> , 2018, 9, 298.	2.4	58
1333	Pattern Recognition Receptors and the Host Cell Death Molecular Machinery. <i>Frontiers in Immunology</i> , 2018, 9, 2379.	2.2	435
1334	Melatonin and mitochondrial dysfunction are key players in the pathophysiology of sepsis. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2018, 36, 535-538.	0.2	0
1335	Bypassing drug resistance by triggering necroptosis: recent advances in mechanisms and its therapeutic exploitation in leukemia. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 310.	3.5	35
1336	Mitochondrial DNA-associated TLR9 signalling is a potential serological biomarker for non-small cell lung cancer. <i>Oncology Reports</i> , 2018, 41, 999-1006.	1.2	3
1337	Machine perfusion in liver transplantation: an essential treatment or just an expensive toy?. <i>Minerva Anestesiologica</i> , 2018, 84, 236-245.	0.6	22
1338	Plasma mitochondrial DNA and metabolomic alterations in severe critical illness. <i>Critical Care</i> , 2018, 22, 360.	2.5	31
1339	Melatonin and mitochondrial dysfunction are key players in the pathophysiology of sepsis. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2018, 36, 535-538.	0.3	4
1341	Guidelines and recommendations on yeast cell death nomenclature. <i>Microbial Cell</i> , 2018, 5, 4-31.	1.4	158
1342	Mitochondrial Damage-Associated Molecular Patterns of Injured Axons Induce Outgrowth of Schwann Cell Processes. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 457.	1.8	15
1343	Prevalence and risk factors for acute kidney injury among trauma patients: a multicenter cohort study. <i>Critical Care</i> , 2018, 22, 344.	2.5	93
1344	Urinary mitochondrial DNA level as a biomarker of tissue injury in non-diabetic chronic kidney diseases. <i>BMC Nephrology</i> , 2018, 19, 367.	0.8	18
1345	Reduction in the Level of Plasma Mitochondrial DNA in Human Diving, Followed by an Increase in the Event of an Accident. <i>Frontiers in Physiology</i> , 2018, 9, 1695.	1.3	7

#	ARTICLE	IF	CITATIONS
1346	Maternal serum mitochondrial DNA (mtDNA) levels are elevated in preeclampsia – A matched case-control study. <i>Pregnancy Hypertension</i> , 2018, 14, 195-199.	0.6	24
1347	STING-dependent sensing of self-DNA drives silica-induced lung inflammation. <i>Nature Communications</i> , 2018, 9, 5226.	5.8	176
1348	Toll-Like Receptors, PAMPs, and DAMPs in Hepatotoxicity. , 2018, , 310-323.		0
1349	Blood clotting and traumatic injury with shock mediates complement-dependent neutrophil priming for extracellular ROS, ROS-dependent organ injury and coagulopathy. <i>Clinical and Experimental Immunology</i> , 2018, 194, 103-117.	1.1	42
1350	Inflammasome: A Double-Edged Sword in Liver Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 2201.	2.2	80
1351	Innate immunity and Toll-like receptor signaling in the pathogenesis of scleroderma: advances and opportunities for therapy. <i>Current Opinion in Rheumatology</i> , 2018, 30, 600-605.	2.0	17
1352	Mitochondria in Ischemic Stroke: New Insight and Implications. , 2018, 9, 924.		198
1353	Amniotic fluid cell-free DNA in preterm prelabor rupture of membranes. <i>Prenatal Diagnosis</i> , 2018, 38, 1086-1095.	1.1	13
1354	Linking cellular stress responses to systemic homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 731-745.	16.1	320
1355	Intratracheal transplantation of mesenchymal stem cells attenuates hyperoxia-induced lung injury by down-regulating, but not direct inhibiting formyl peptide receptor 1 in the newborn mice. <i>PLoS ONE</i> , 2018, 13, e0206311.	1.1	8
1356	PINK1-PARK2-mediated mitophagy in COPD and IPF pathogenesis. <i>Inflammation and Regeneration</i> , 2018, 38, 18.	1.5	72
1357	Inhibition of Connexin 43 Hemichannels Alleviates Cerebral Ischemia/Reperfusion Injury via the TLR4 Signaling Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 372.	1.8	41
1358	IFN γ Impairs Autophagic Degradation of mtDNA Promoting Autoreactivity of SLE Monocytes in a STING-Dependent Fashion. <i>Cell Reports</i> , 2018, 25, 921-933.e5.	2.9	97
1359	Trial Watch: Toll-like receptor agonists in cancer immunotherapy. <i>Oncolmmunology</i> , 2018, 7, e1526250.	2.1	172
1360	Extracellular Mitochondrial DNA and N-Formyl Peptides in Trauma and Critical Illness: A Systematic Review. <i>Critical Care Medicine</i> , 2018, 46, 2018-2028.	0.4	20
1361	Propofol inhibits endogenous formyl peptide-induced neutrophil activation and alleviates lung injury. <i>Free Radical Biology and Medicine</i> , 2018, 129, 372-382.	1.3	23
1362	Exposure of Monocytic Cells to Lipopolysaccharide Induces Coordinated Endotoxin Tolerance, Mitochondrial Biogenesis, Mitophagy, and Antioxidant Defenses. <i>Frontiers in Immunology</i> , 2018, 9, 2217.	2.2	45
1363	Major trauma and acceleration of the ageing process. <i>Ageing Research Reviews</i> , 2018, 48, 32-39.	5.0	12

#	ARTICLE	IF	CITATIONS
1364	Prologue: About DAMPs, PAMPs, and MAMPs. , 2018, , 191-217.		1
1365	Endogenous DAMPs, Category I: Constitutively Expressed, Native Molecules (Cat. I DAMPs). , 2018, , 219-268.		0
1366	Effect of long-term administration of antiretroviral drugs (Tenofovir and Nevirapine) on neuroinflammation and neuroplasticity in mouse hippocampi. Journal of Chemical Neuroanatomy, 2018, 94, 86-92.	1.0	12
1367	Mitochondrial genetic medicine. Nature Genetics, 2018, 50, 1642-1649.	9.4	226
1368	Mitochondrial DNA Sequence Variants Associated With Blood Pressure Among 2 Cohorts of Older Adults. Journal of the American Heart Association, 2018, 7, e010009.	1.6	12
1369	Carbon monoxide-induced TFEB nuclear translocation enhances mitophagy/mitochondrial biogenesis in hepatocytes and ameliorates inflammatory liver injury. Cell Death and Disease, 2018, 9, 1060.	2.7	65
1370	Post-operative immune suppression is mediated via reversible, Interleukin-10 dependent pathways in circulating monocytes following major abdominal surgery. PLoS ONE, 2018, 13, e0203795.	1.1	20
1371	Pivotal role of innate myeloid cells in cerebral post-ischemic sterile inflammation. Seminars in Immunopathology, 2018, 40, 523-538.	2.8	31
1372	Mitochondrial peptides cause proinflammatory responses in the alveolar epithelium via FPR-1, MAPKs, and AKT: a potential mechanism involved in acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L775-L786.	1.3	25
1373	Optimizing transfusion strategies in damage control resuscitation: current insights. Journal of Blood Medicine, 2018, Volume 9, 117-133.	0.7	13
1374	Neurotoxins and Autism. , 0, , .		1
1375	Operation of mitochondrial machinery in viral infection-induced immune responses. Biochemical Pharmacology, 2018, 156, 348-356.	2.0	10
1376	Hyaluronan Reduces Cationic Liposome-Induced Toxicity and Enhances the Antitumor Effect of Targeted Gene Delivery in Mice. ACS Applied Materials & Interfaces, 2018, 10, 32006-32016.	4.0	43
1377	Can We DAMPen the Cross-Talk between the Lung and Kidney in the ICU?. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1220-1222.	2.5	3
1378	Mitochondria at the Base of Neuronal Innate Immunity in Alzheimerâ€™s and Parkinsonâ€™s Diseases. , 2018, , .		1
1379	The role of sterile inflammation in ischemic stroke. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2018, 30, 77-81.	0.1	0
1380	High-serum MMP-8 levels are associated with decreased survival and systemic inflammation in colorectal cancer. British Journal of Cancer, 2018, 119, 213-219.	2.9	45
1381	Danger signals from mitochondrial DAMPS in trauma and post-injury sepsis. European Journal of Trauma and Emergency Surgery, 2018, 44, 317-324.	0.8	56

#	ARTICLE	IF	CITATIONS
1382	A certain role of SOD/CAT imbalance in pathogenesis of autism spectrum disorders. <i>Free Radical Biology and Medicine</i> , 2018, 123, 85-95.	1.3	52
1383	Autoimmune Th17 Cells Induced Synovial Stromal and Innate Lymphoid Cell Secretion of the Cytokine GM-CSF to Initiate and Augment Autoimmune Arthritis. <i>Immunity</i> , 2018, 48, 1220-1232.e5.	6.6	135
1384	Urinary mitochondrial DNA level in non-diabetic chronic kidney diseases. <i>Clinica Chimica Acta</i> , 2018, 484, 36-39.	0.5	23
1385	A subset of five human mitochondrial formyl peptides mimics bacterial peptides and functionally deactivates human neutrophils. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 936-943.	1.1	27
1386	Intravenous Vitamin C attenuates hemorrhagic shock-related renal injury through the induction of SIRT1 in rats. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 358-364.	1.0	15
1387	Beclin-1-Dependent Autophagy Protects the Heart During Sepsis. <i>Circulation</i> , 2018, 138, 2247-2262.	1.6	255
1388	Damage Control Orthopaedics. , 2018, , 109-122.		0
1389	Immune cell regulation of liver regeneration and repair. <i>Journal of Immunology and Regenerative Medicine</i> , 2018, 2, 1-10.	0.2	13
1390	Persistence and Transcription of Paternal mtDNA Dependent on the Delivery Strategy Rather than Mitochondria Source in Fish Embryos. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1898-1908.	1.1	8
1391	The mitochondrial DNA polymerase gamma degrades linear DNA fragments precluding the formation of deletions. <i>Nature Communications</i> , 2018, 9, 2491.	5.8	91
1392	TLR9 activation via microglial glucocorticoid receptors contributes to degeneration of midbrain dopamine neurons. <i>Nature Communications</i> , 2018, 9, 2450.	5.8	58
1393	Epigallocatechin gallate attenuates mitochondrial DNA-induced inflammatory damage in the development of ventilator-induced lung injury. <i>Phytomedicine</i> , 2018, 48, 120-128.	2.3	6
1394	The Role of Toll-Like Receptor Signaling in the Progression of Heart Failure. <i>Mediators of Inflammation</i> , 2018, 2018, 1-11.	1.4	97
1395	Mitophagy Contributes to the Pathogenesis of Inflammatory Diseases. <i>Inflammation</i> , 2018, 41, 1590-1600.	1.7	54
1396	The Systemic Inflammatory Response Syndrome. , 2018, , 205-220.e4.		20
1397	Critical Care in the Severely Burned. , 2018, , 328-354.e4.		3
1398	Cpg-ODN, a TLR9 Agonist, Aggravates Myocardial Ischemia/Reperfusion Injury by Activation of TLR9-P38 MAPK Signaling. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1389-1398.	1.1	15
1399	Moving mitochondria "Breathing new signaling into asthmatic airways. <i>Redox Biology</i> , 2018, 18, 244-245.	3.9	0

#	ARTICLE	IF	CITATIONS
1400	Targeting mitochondria in cancer: current concepts and immunotherapy approaches. <i>Translational Research</i> , 2018, 202, 35-51.	2.2	106
1401	Circulating Mitochondrial DNA as a Potential Biomarker for Aging and its Related Complications. , 2018, , 1-13.		0
1402	Mitochondrial Dysfunction and Signaling in Chronic Liver Diseases. <i>Gastroenterology</i> , 2018, 155, 629-647.	0.6	482
1403	Negative regulation of cationic nanoparticle-induced inflammatory toxicity through the increased production of prostaglandin E2 via mitochondrial DNA-activated Ly6C ⁺ monocytes. <i>Theranostics</i> , 2018, 8, 3138-3152.	4.6	25
1404	The Microbiome-Mitochondria Dance in Prodromal Parkinson's Disease. <i>Frontiers in Physiology</i> , 2018, 9, 471.	1.3	34
1405	Neutrophil extracellular trap formation requires OPA1-dependent glycolytic ATP production. <i>Nature Communications</i> , 2018, 9, 2958.	5.8	121
1406	Origin and Consequences of Necroinflammation. <i>Physiological Reviews</i> , 2018, 98, 727-780.	13.1	147
1407	Inflammaging: a new immune-metabolic viewpoint for age-related diseases. <i>Nature Reviews Endocrinology</i> , 2018, 14, 576-590.	4.3	1,643
1408	Role of Signaling Molecules in Mitochondrial Stress Response. <i>Frontiers in Genetics</i> , 2018, 9, 225.	1.1	22
1409	Source of Chronic Inflammation in Aging. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 12.	1.1	267
1410	IGF Binding Protein-5 Induces Cell Senescence. <i>Frontiers in Endocrinology</i> , 2018, 9, 53.	1.5	33
1411	Intravital Microscopic Evaluation of the Effects of a CXCR2 Antagonist in a Model of Liver Ischemia Reperfusion Injury in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1917.	2.2	23
1412	Immunothrombotic Activity of Damage-Associated Molecular Patterns and Extracellular Vesicles in Secondary Organ Failure Induced by Trauma and Sterile Insults. <i>Frontiers in Immunology</i> , 2018, 9, 190.	2.2	47
1413	Mitochondria: An Organelle of Bacterial Origin Controlling Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 536.	2.2	100
1414	Mitochondrial Damage-Associated Molecular Patterns: From Inflammatory Signaling to Human Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 832.	2.2	263
1415	Scavenging Circulating Mitochondrial DNA as a Potential Therapeutic Option for Multiple Organ Dysfunction in Trauma Hemorrhage. <i>Frontiers in Immunology</i> , 2018, 9, 891.	2.2	78
1416	Neutrophils Inhibit Synthesis of Mineralized Extracellular Matrix by Human Bone Marrow-Derived Stromal Cells In Vitro. <i>Frontiers in Immunology</i> , 2018, 9, 945.	2.2	34
1417	Trauma-Induced Damage-Associated Molecular Patterns-Mediated Remote Organ Injury and Immunosuppression in the Acutely Ill Patient. <i>Frontiers in Immunology</i> , 2018, 9, 1330.	2.2	95

#	ARTICLE	IF	CITATIONS
1418	Chronic Critical Illness and the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome. <i>Frontiers in Immunology</i> , 2018, 9, 1511.	2.2	167
1419	Idiopathic Pulmonary Fibrosis: Aging, Mitochondrial Dysfunction, and Cellular Bioenergetics. <i>Frontiers in Medicine</i> , 2018, 5, 10.	1.2	115
1420	Emerging Mechanisms of Innate Immunity and Their Translational Potential in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2018, 5, 32.	1.2	36
1421	Targeting glycogen synthase kinase-3 for oxidative stress and neuroinflammation: Opportunities, challenges and future directions for cerebral stroke management. <i>Neuropharmacology</i> , 2018, 139, 124-136.	2.0	66
1422	Molecular and Clinical Issues about the Risk of Venous Thromboembolism in Older Patients: A Focus on Parkinson's Disease and Parkinsonism. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1299.	1.8	13
1423	PPAR δ : Linking Metabolism to Regeneration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2035.	1.8	63
1424	Role of Damage Associated Molecular Pattern Molecules (DAMPs) in Aneurysmal Subarachnoid Hemorrhage (aSAH). <i>International Journal of Molecular Sciences</i> , 2018, 19, 2035.	1.8	65
1425	Expression of pattern recognition receptors in porcine uterine epithelial cells in vivo and in culture. <i>Veterinary Immunology and Immunopathology</i> , 2018, 202, 1-10.	0.5	20
1426	Reversing wrinkled skin and hair loss in mice by restoring mitochondrial function. <i>Cell Death and Disease</i> , 2018, 9, 735.	2.7	72
1427	The Role of Mitophagy in Innate Immunity. <i>Frontiers in Immunology</i> , 2018, 9, 1283.	2.2	161
1428	High Tidal Volume Induces Mitochondria Damage and Releases Mitochondrial DNA to Aggravate the Ventilator-Induced Lung Injury. <i>Frontiers in Immunology</i> , 2018, 9, 1477.	2.2	39
1429	Released Mitochondrial DNA Following Intestinal Ischemia Reperfusion Induces the Inflammatory Response and Gut Barrier Dysfunction. <i>Scientific Reports</i> , 2018, 8, 7350.	1.6	35
1430	Plasma mtDNA Analysis Aids in Predicting Pancreatic Necrosis in Acute Pancreatitis Patients: A Pilot Study. <i>Digestive Diseases and Sciences</i> , 2018, 63, 2975-2982.	1.1	14
1431	Use of plasma mitochondrial DNA levels for determining disease severity and prognosis in pediatric sepsis: a case control study. <i>BMC Pediatrics</i> , 2018, 18, 267.	0.7	20
1432	A Unifying Hypothesis Linking Hepatic Adaptations for Ethanol Metabolism to the Proinflammatory and Profibrotic Events of Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2072-2089.	1.4	34
1433	Mitochondria in innate immune signaling. <i>Translational Research</i> , 2018, 202, 52-68.	2.2	241
1434	The Evolving Erythrocyte: Red Blood Cells as Modulators of Innate Immunity. <i>Journal of Immunology</i> , 2018, 201, 1343-1351.	0.4	151
1435	Mechanical ventilation and <i>Streptococcus pneumoniae</i> pneumonia alter mitochondrial homeostasis. <i>Scientific Reports</i> , 2018, 8, 11718.	1.6	6

#	ARTICLE	IF	CITATIONS
1436	Role of Toll-like receptor 9 signaling on activation of nasal polyp-derived fibroblasts and its association with nasal polypogenesis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 1001-1012.	1.5	6
1437	Structure-Function Relationships in the Pancreatic Acinar Cell. , 2018, , 869-894.		2
1438	Infection with the dengue RNA virus activates TLR9 signaling in human dendritic cells. <i>EMBO Reports</i> , 2018, 19, .	2.0	74
1439	A toll-like receptor 9 antagonist restores below-level glial glutamate transporter expression in the dorsal horn following spinal cord injury. <i>Scientific Reports</i> , 2018, 8, 8723.	1.6	12
1440	Host Defense Antibacterial Effector Cells Influenced by Massive Burns. , 2018, , 221-231.e3.		0
1441	Tissue regeneration promotion effects of phenanthroimidazole derivatives through pro-inflammatory pathway activation. <i>Fish and Shellfish Immunology</i> , 2018, 80, 582-591.	1.6	2
1442	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. <i>Shock</i> , 2019, 51, 725-730.	1.0	10
1443	Mitochondrial mechanisms and therapeutics in ischaemia reperfusion injury. <i>Pediatric Nephrology</i> , 2019, 34, 1167-1174.	0.9	56
1444	Pathogen-Associated Molecular Patterns, Damage-Associated Molecular Patterns, and Their Receptors in Acute Kidney Injury. , 2019, , 121-127.e3.		2
1445	Cell Death Pathways. , 2019, , 113-121.e2.		11
1446	Pirfenidone Ointment Modulates the Burn Wound Bed in C57BL/6 Mice by Suppressing Inflammatory Responses. <i>Inflammation</i> , 2019, 42, 45-53.	1.7	19
1447	Cerebrospinal fluid mitochondrial DNA levels in patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1535-1538.	1.4	5
1448	Mitochondria-Targeted Drugs. <i>Current Molecular Pharmacology</i> , 2019, 12, 202-214.	0.7	118
1449	Dehydroepiandrosterone: a potential therapeutic agent in the treatment and rehabilitation of the traumatically injured patient. <i>Burns and Trauma</i> , 2019, 7, 26.	2.3	18
1450	Inhibiting nucleolin reduces inflammation induced by mitochondrial DNA in cardiomyocytes exposed to hypoxia and reoxygenation. <i>British Journal of Pharmacology</i> , 2019, 176, 4360-4372.	2.7	23
1451	Networks that stop the flow: A fresh look at fibrin and neutrophil extracellular traps. <i>Thrombosis Research</i> , 2019, 182, 1-11.	0.8	34
1452	Functions and regulation of lipocalin-2 in gut-origin sepsis: a narrative review. <i>Critical Care</i> , 2019, 23, 269.	2.5	33
1453	MOTS: A Mitochondrial-Encoded Regulator of the Nucleus. <i>BioEssays</i> , 2019, 41, e1900046.	1.2	19

#	ARTICLE	IF	CITATIONS
1454	Bioenergetics and translational metabolism: implications for genetics, physiology and precision medicine. <i>Biological Chemistry</i> , 2019, 401, 3-29.	1.2	41
1455	Mitochondria Penetrating Peptide-Conjugated TAMRA for Live-Cell Long-Term Tracking. <i>Bioconjugate Chemistry</i> , 2019, 30, 2312-2316.	1.8	22
1456	A non-linear mathematical model using optical sensor to predict heart decellularization efficacy. <i>Scientific Reports</i> , 2019, 9, 12211.	1.6	6
1457	Type I IFN expression is stimulated by cytosolic MtDNA released from pneumolysin-damaged mitochondria via the STING signaling pathway in macrophages. <i>FEBS Journal</i> , 2019, 286, 4754-4768.	2.2	19
1458	Characterization of Inflammation in Delayed Cortical Transplantation. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 160.	1.4	9
1459	Mast Cells, Neuroinflammation and Pain in Fibromyalgia Syndrome. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 353.	1.8	86
1460	Control (Native) and oxidized (DeMP) mitochondrial RNA are proinflammatory regulators in human. <i>Free Radical Biology and Medicine</i> , 2019, 143, 62-69.	1.3	5
1461	Chemotactic Ligands that Activate G-Protein-Coupled Formylpeptide Receptors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3426.	1.8	34
1462	Innate-Like Lymphocytes Are Immediate Participants in the Hyper-Acute Immune Response to Trauma and Hemorrhagic Shock. <i>Frontiers in Immunology</i> , 2019, 10, 1501.	2.2	15
1463	Cell-Free Nucleic Acids and their Emerging Role in the Pathogenesis and Clinical Management of Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3662.	1.8	32
1464	Self-DNA Sensing in Lung Inflammatory Diseases. <i>Trends in Immunology</i> , 2019, 40, 719-734.	2.9	54
1465	Radiation-Induced Bystander Effect is Mediated by Mitochondrial DNA in Exosome-Like Vesicles. <i>Scientific Reports</i> , 2019, 9, 9103.	1.6	63
1466	Targeting Endothelial Barrier Dysfunction Caused by Circulating Bacterial and Mitochondrial N-Formyl Peptides With Deformylase. <i>Frontiers in Immunology</i> , 2019, 10, 1270.	2.2	12
1467	Plasma levels of circulating DNA are associated with outcome, but not with activation of coagulation in decompensated cirrhosis and ACLF. <i>JHEP Reports</i> , 2019, 1, 179-187.	2.6	21
1468	Circulating Mitochondrial DNA is Linked to Progression and Prognosis of Epithelial Ovarian Cancer. <i>Translational Oncology</i> , 2019, 12, 1213-1220.	1.7	28
1469	Pro-inflammatory role of NLRP3 inflammasome in experimental sterile corneal inflammation. <i>Scientific Reports</i> , 2019, 9, 9596.	1.6	28
1470	Mitochondrial dysfunction in diabetic kidney disease. <i>Clinica Chimica Acta</i> , 2019, 496, 108-116.	0.5	137
1471	Plasma mitochondrial DNA is associated with extrapulmonary sarcoidosis. <i>European Respiratory Journal</i> , 2019, 54, 1801762.	3.1	10

#	ARTICLE	IF	CITATIONS
1472	Mitochondrial Dysfunction in the Transition from NASH to HCC. <i>Metabolites</i> , 2019, 9, 233.	1.3	60
1473	Dendritic polyglycerols are modulators of microglia-astrocyte crosstalk. <i>Future Neurology</i> , 2019, 14, FNL31.	0.9	11
1474	Complement and coagulation cascades in trauma. <i>Acute Medicine & Surgery</i> , 2019, 6, 329-335.	0.5	31
1475	Untangling "NETosis" from NETs. <i>European Journal of Immunology</i> , 2019, 49, 221-227.	1.6	121
1476	Urinary cell-free mitochondrial and nuclear deoxyribonucleic acid correlates with the prognosis of chronic kidney diseases. <i>BMC Nephrology</i> , 2019, 20, 391.	0.8	22
1477	Does the Microbiota Play a Pivotal Role in the Pathogenesis of Irritable Bowel Syndrome?. <i>Journal of Clinical Medicine</i> , 2019, 8, 1808.	1.0	13
1478	Club cell protein 16 in sera from trauma patients modulates neutrophil migration and functionality via CXCR1 and CXCR2. <i>Molecular Medicine</i> , 2019, 25, 45.	1.9	6
1479	Membrane TLR9 Positive Neutrophil Mediated MPLA Protects Against Fatal Bacterial Sepsis. <i>Theranostics</i> , 2019, 9, 6269-6283.	4.6	22
1480	Mitochondrial Dysfunction in Cardiac Surgery. <i>Anesthesiology Clinics</i> , 2019, 37, 769-785.	0.6	15
1481	Emerging Role of Mitochondrial DNA as a Major Driver of Inflammation and Disease Progression. <i>Trends in Immunology</i> , 2019, 40, 1120-1133.	2.9	76
1482	Neuroprotection after Hemorrhagic Stroke Depends on Cerebral Heme Oxygenase-1. <i>Antioxidants</i> , 2019, 8, 496.	2.2	18
1483	Comparison of the source and prognostic utility of cfDNA in trauma and sepsis. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 29.	0.9	66
1484	Isolation and expression of four <i>Megalobrama amblycephala</i> toll-like receptor genes in response to a bacterial infection. <i>Fish and Shellfish Immunology</i> , 2019, 93, 1028-1040.	1.6	2
1485	Mitochondrial transcription factor A promotes DNA strand cleavage at abasic sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17792-17799.	3.3	31
1486	Editorial: Trauma-Induced, DAMP-Mediated Remote Organ Injury, and Immunosuppression in the Acutely Ill Patient. <i>Frontiers in Immunology</i> , 2019, 10, 1971.	2.2	7
1487	Guardians of the Cell: Effector-Triggered Immunity Steers Mammalian Immune Defense. <i>Trends in Immunology</i> , 2019, 40, 939-951.	2.9	13
1488	Mitochondrial Transcription Factor A Regulates <i>Mycobacterium bovis</i> -Induced IFN- γ Production by Modulating Mitochondrial DNA Replication in Macrophages. <i>Journal of Infectious Diseases</i> , 2019, 221, 438-448.	1.9	4
1489	DNA repair and genomic stability in lungs affected by acute injury. <i>Biomedicine and Pharmacotherapy</i> , 2019, 119, 109412.	2.5	4

#	ARTICLE	IF	CITATIONS
1490	FPR1 is the plague receptor on host immune cells. <i>Nature</i> , 2019, 574, 57-62.	13.7	48
1491	Molecular insights into the role of mitochondria in non-alcoholic fatty liver disease. <i>Archives of Pharmacal Research</i> , 2019, 42, 935-946.	2.7	80
1492	Unlocking the Secrets of Mitochondria in the Cardiovascular System. <i>Circulation</i> , 2019, 140, 1205-1216.	1.6	91
1493	Serine Protease HtrA2/Omi Deficiency Impairs Mitochondrial Homeostasis and Promotes Hepatic Fibrogenesis via Activation of Hepatic Stellate Cells. <i>Cells</i> , 2019, 8, 1119.	1.8	16
1494	Adiponectin deficiency induces mitochondrial dysfunction and promotes endothelial activation and pulmonary vascular injury. <i>FASEB Journal</i> , 2019, 33, 13617-13631.	0.2	20
1495	Cell-free nuclear, but not mitochondrial, DNA concentrations correlate with the early host inflammatory response after severe trauma. <i>Scientific Reports</i> , 2019, 9, 13648.	1.6	23
1496	Micro-RNA and Kinase Regulatory Mechanisms and Pathways in GVHD. , 2019, , 155-165.		1
1497	Long-Term Treatment with Thrombomodulin Improves Functional Outcomes after Cerebral Ischemia Even if Administration is Delayed. <i>Thrombosis and Haemostasis</i> , 2019, 119, 467-478.	1.8	7
1498	Influenza-induced immune suppression to methicillin-resistant <i>Staphylococcus aureus</i> is mediated by TLR9. <i>PLoS Pathogens</i> , 2019, 15, e1007560.	2.1	23
1499	Mitochondria, Microglia, and the Immune System—How Are They Linked in Affective Disorders?. <i>Frontiers in Psychiatry</i> , 2018, 9, 739.	1.3	64
1500	Late Neutrophil Priming Following a Single Session of High-intensity Interval Exercise. <i>International Journal of Sports Medicine</i> , 2019, 40, 171-179.	0.8	10
1501	The spleen may be an important target of stem cell therapy for stroke. <i>Journal of Neuroinflammation</i> , 2019, 16, 20.	3.1	37
1502	The Role of Neuroinflammation in Postoperative Cognitive Dysfunction: Moving From Hypothesis to Treatment. <i>Frontiers in Psychiatry</i> , 2018, 9, 752.	1.3	181
1503	Urinary mitochondrial DNA: A potential early biomarker of diabetic nephropathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3131.	1.7	25
1504	The Evolving Role of Neutrophils in Liver Transplant Ischemia-Reperfusion Injury. <i>Current Transplantation Reports</i> , 2019, 6, 78-89.	0.9	35
1505	Mitochondria: the indispensable players in innate immunity and guardians of the inflammatory response. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 303-318.	1.8	103
1506	The damage-associated molecular pattern HMGB1 is released early after clinical hepatic ischemia/reperfusion. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1192-1200.	1.8	21
1507	Intrinsic cancer vaccination. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 2-22.	6.6	30

#	ARTICLE	IF	CITATIONS
1509	Mitochondrial psychobiology: foundations and applications. <i>Current Opinion in Behavioral Sciences</i> , 2019, 28, 142-151.	2.0	28
1510	High levels of cell-free DNA accurately predict late acute kidney injury in patients after cardiac surgery. <i>PLoS ONE</i> , 2019, 14, e0218548.	1.1	18
1511	A Novel Sex-Dependent Target for the Treatment of Postoperative Pain: The NLRP3 Inflammasome. <i>Frontiers in Neurology</i> , 2019, 10, 622.	1.1	31
1512	Extracellular Mitochondria and Vesicles. <i>Circulation Research</i> , 2019, 125, 53-54.	2.0	9
1513	Inflammaging. , 2019, , 1599-1629.		3
1514	Bioinspired nucleic acid structures for immune modulation. <i>Biomaterials</i> , 2019, 217, 119287.	5.7	11
1515	Neutrophil heterogeneity and its role in infectious complications after severe trauma. <i>World Journal of Emergency Surgery</i> , 2019, 14, 24.	2.1	45
1516	Myocardial reperfusion. , 2019, , 57-74.		0
1517	Albumin infusion rate and plasma volume expansion: a randomized clinical trial in postoperative patients after major surgery. <i>Critical Care</i> , 2019, 23, 191.	2.5	26
1518	ccf-mtDNA as a Potential Link Between the Brain and Immune System in Neuro-Immunological Disorders. <i>Frontiers in Immunology</i> , 2019, 10, 1064.	2.2	83
1519	Ribosomal DNA as DAMPs Signal for MCF7 Cancer Cells. <i>Frontiers in Oncology</i> , 2019, 9, 445.	1.3	7
1520	Ablation of Toll-like receptor 9 attenuates myocardial ischemia/reperfusion injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 442-447.	1.0	30
1521	Focus on Early Events: Pathogenesis of Pulmonary Arterial Hypertension Development. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 933-953.	2.5	40
1522	Up-regulation of FOXO1 and reduced inflammation by β -hydroxybutyric acid are essential diet restriction benefits against liver injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13533-13542.	3.3	84
1523	The Role of Mitochondrial Damage-Associated Molecular Patterns in Chronic Neuroinflammation. <i>Mediators of Inflammation</i> , 2019, 2019, 1-11.	1.4	63
1524	Mitochondria Are a Subset of Extracellular Vesicles Released by Activated Monocytes and Induce Type I IFN and TNF Responses in Endothelial Cells. <i>Circulation Research</i> , 2019, 125, 43-52.	2.0	177
1525	Activation and Impaired Tumor Necrosis Factor- α Production of Circulating Mucosal-Associated Invariant T Cells in Patients with Trauma. <i>Journal of Innate Immunity</i> , 2019, 11, 506-515.	1.8	4
1526	Mitochondrial Dysfunction and Diabetes: Is Mitochondrial Transfer a Friend or Foe?. <i>Biology</i> , 2019, 8, 33.	1.3	28

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1527	Mitochondria-Derived Damage-Associated Molecular Patterns in Sepsis: From Bench to Bedside. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	20
1528	Mitochondrial Dysfunction and the Aging Immune System. <i>Biology</i> , 2019, 8, 26.	1.3	66
1529	Functional and signaling characterization of the neutrophil FPR2 selective agonist Act-389949. <i>Biochemical Pharmacology</i> , 2019, 166, 163-173.	2.0	21
1530	Systemic Inflammatory Response-Syndrome (SIRS), Sepsis und Multiorganversagen. <i>Springer Reference Medizin</i> , 2019, , 2143-2161.	0.0	0
1531	Predictors of ccf-mtDNA reactivity to acute psychological stress identified using machine learning classifiers: A proof-of-concept. <i>Psychoneuroendocrinology</i> , 2019, 107, 82-92.	1.3	10
1532	The Role of Myeloid-Derived Cells in the Progression of Liver Disease. <i>Frontiers in Immunology</i> , 2019, 10, 893.	2.2	74
1533	Mitochondrial DNA in liver inflammation and oxidative stress. <i>Life Sciences</i> , 2019, 236, 116464.	2.0	92
1534	Autoantibodies in Systemic Lupus Erythematosus Target Mitochondrial RNA. <i>Frontiers in Immunology</i> , 2019, 10, 1026.	2.2	31
1535	Mitochondria as Signaling Platforms. , 2019, , 33-62.		0
1536	Inhibition of TLR9 attenuates skeletal muscle fibrosis in aged sarcopenic mice via the p53/SIRT1 pathway. <i>Experimental Gerontology</i> , 2019, 122, 25-33.	1.2	23
1537	Innate immune cells orchestrate the repair of sterile injury in the liver and beyond. <i>European Journal of Immunology</i> , 2019, 49, 831-841.	1.6	33
1538	Postoperative Cognitive Dysfunction. , 2019, , 483-491.		1
1539	Total circulating cell-free DNA as a prognostic biomarker in metastatic colorectal cancer before first-line oxaliplatin-based chemotherapy. <i>Annals of Oncology</i> , 2019, 30, 1088-1095.	0.6	65
1540	WKYMVm hexapeptide, a strong formyl peptide receptor 2 agonist, attenuates hyperoxia-induced lung injuries in newborn mice. <i>Scientific Reports</i> , 2019, 9, 6815.	1.6	25
1541	Immunomodulation as a Neuroprotective Strategy for Glaucoma Treatment. <i>Current Ophthalmology Reports</i> , 2019, 7, 160-169.	0.5	20
1542	Integrating molecular pathogenesis and clinical translation in sepsis-induced acute respiratory distress syndrome. <i>JCI Insight</i> , 2019, 4, .	2.3	122
1543	Bariatric Surgery Reduces Elevated Urinary Mitochondrial DNA Copy Number in Patients With Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2257-2266.	1.8	13
1544	The NLRP3 inflammasome: molecular activation and regulation to therapeutics. <i>Nature Reviews Immunology</i> , 2019, 19, 477-489.	10.6	2,601

#	ARTICLE	IF	CITATIONS
1545	Sources of Pathogenic Nucleic Acids in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2019, 10, 1028.	2.2	42
1546	Inevitable isolation and the change of stress markers in hemodialysis patients during the 2015 MERS-CoV outbreak in Korea. <i>Scientific Reports</i> , 2019, 9, 5676.	1.6	33
1547	Life and death of circulating cell-free DNA. <i>Cancer Biology and Therapy</i> , 2019, 20, 1057-1067.	1.5	327
1548	Dialysate cell-free mitochondrial DNA fragments as a marker of intraperitoneal inflammation and peritoneal solute transport rate in peritoneal dialysis. <i>BMC Nephrology</i> , 2019, 20, 128.	0.8	6
1549	Microbiota-Produced <i>N</i> -Formyl Peptide fMLF Promotes Obesity-Induced Glucose Intolerance. <i>Diabetes</i> , 2019, 68, 1415-1426.	0.3	23
1550	Mitochondrial fission-induced mtDNA stress promotes tumor-associated macrophage infiltration and HCC progression. <i>Oncogene</i> , 2019, 38, 5007-5020.	2.6	119
1551	Identification of Residues Critical for FPR2 Activation by the Cryptic Peptide Mitocryptide-2 Originating from the Mitochondrial DNA-Encoded Cytochrome <i>b</i> . <i>Journal of Immunology</i> , 2019, 202, 2710-2719.	0.4	13
1552	Modulation of innate immunity by cyclosporine A. <i>Biochemical Pharmacology</i> , 2019, 163, 472-480.	2.0	70
1553	Metabolism and inflammation: implications for traumatic brain injury therapeutics. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 227-242.	1.4	25
1554	Early Dynamics of Plasma Dna in a Mouse Model of Sepsis. <i>Shock</i> , 2019, 52, 257-263.	1.0	11
1555	Multiple Organ Dysfunction Syndrome After Trauma: Update 2017. , 2019, , 727-732.		0
1556	ATAD3A oligomerization causes neurodegeneration by coupling mitochondrial fragmentation and bioenergetics defects. <i>Nature Communications</i> , 2019, 10, 1371.	5.8	59
1557	Traumatic Injury and Exposure to Mitochondrial-Derived Damage Associated Molecular Patterns Suppresses Neutrophil Extracellular Trap Formation. <i>Frontiers in Immunology</i> , 2019, 10, 685.	2.2	25
1558	Staphylococcal Superantigens: Pyrogenic Toxins Induce Toxic Shock. <i>Toxins</i> , 2019, 11, 178.	1.5	76
1559	Mitochondria: multifaceted regulators of aging. <i>BMB Reports</i> , 2019, 52, 13-23.	1.1	53
1560	Induction of neutrophil extracellular traps during tissue injury: Involvement of STING and Toll-like receptor 9 pathways. <i>Cell Proliferation</i> , 2019, 52, e12579.	2.4	60
1561	Role of mitochondrial dysfunction on rheumatic diseases. <i>Biochemical Pharmacology</i> , 2019, 165, 181-195.	2.0	30
1562	Anti-mitochondrial autoantibodies in systemic lupus erythematosus and their association with disease manifestations. <i>Scientific Reports</i> , 2019, 9, 4530.	1.6	43

#	ARTICLE	IF	CITATIONS
1563	Myeloid Cells during Viral Infections and Inflammation. <i>Viruses</i> , 2019, 11, 168.	1.5	80
1564	Immunomodulatory response of layered small intestinal submucosa in a rat bladder regeneration model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1960-1969.	1.6	5
1565	A Single-Center Retrospective Study of Acute Kidney Injury Incidence in Patients With Advanced Malignancies Treated With Antimitochondrial Targeted Drug. <i>Kidney International Reports</i> , 2019, 4, 310-320.	0.4	2
1566	Molecular mechanisms of cisplatin-induced nephrotoxicity: a balance on the knife edge between renoprotection and tumor toxicity. <i>Journal of Biomedical Science</i> , 2019, 26, 25.	2.6	249
1567	P2Y2R activation by ATP induces oxLDL-mediated inflammasome activation through modulation of mitochondrial damage in human endothelial cells. <i>Free Radical Biology and Medicine</i> , 2019, 136, 109-117.	1.3	27
1568	Platelet-derived extracellular vesicles convey mitochondrial DAMPs in platelet concentrates and their levels are associated with adverse reactions. <i>Transfusion</i> , 2019, 59, 2403-2414.	0.8	58
1569	Targeting bacterial quorum sensing shows promise in improving intestinal barrier function following burn site infection. <i>Molecular Medicine Reports</i> , 2019, 19, 4057-4066.	1.1	12
1570	Activation of a TLR9 mediated innate immune response in preeclampsia. <i>Scientific Reports</i> , 2019, 9, 5920.	1.6	33
1571	Exploring the complex role of chemokines and chemoattractants in vivo on leukocyte dynamics. <i>Immunological Reviews</i> , 2019, 289, 9-30.	2.8	70
1572	Mesenchymal stem cells and their mitochondrial transfer: a double-edged sword. <i>Bioscience Reports</i> , 2019, 39, .	1.1	69
1573	Concepts of GPCR-controlled navigation in the immune system. <i>Immunological Reviews</i> , 2019, 289, 205-231.	2.8	107
1574	Damage control – The goal posts have not only shifted but we are playing on another field. <i>Injury</i> , 2019, 50, 1007-1008.	0.7	4
1575	Circulating Cell-Free mtDNA Contributes to AIM2 Inflammasome-Mediated Chronic Inflammation in Patients with Type 2 Diabetes. <i>Cells</i> , 2019, 8, 328.	1.8	91
1577	Extracorporeal Cytokine Removal in Septic Shock. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2019, , 559-570.	0.1	0
1578	Mitochondrial DNA-Induced Inflammatory Responses and Lung Injury in Thermal Injury Murine Model: Protective Effect of Cyclosporine-A. <i>Journal of Burn Care and Research</i> , 2019, 40, 355-360.	0.2	25
1579	Acute psychological stress increases serum circulating cell-free mitochondrial DNA. <i>Psychoneuroendocrinology</i> , 2019, 106, 268-276.	1.3	87
1580	Tranexamic acid suppresses the release of mitochondrial DNA, protects the endothelial monolayer and enhances oxidative phosphorylation. <i>Journal of Cellular Physiology</i> , 2019, 234, 19121-19129.	2.0	17
1581	Decellularized cartilage as a prospective scaffold for cartilage repair. <i>Materials Science and Engineering C</i> , 2019, 101, 588-595.	3.8	35

#	ARTICLE	IF	CITATIONS
1582	Extracellular MicroRNAs and Mitochondrial DNA as Potential Biomarkers of Arrhythmogenic Cardiomyopathy. <i>Biochemistry (Moscow)</i> , 2019, 84, 272-282.	0.7	7
1583	Cell-Free DNA as a Biomarker in Autoimmune Rheumatic Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 502.	2.2	177
1584	Mitochondrial DNA: A new driver for sex differences in spontaneous hypertension. <i>Pharmacological Research</i> , 2019, 144, 142-150.	3.1	28
1585	Commentary: Circulating factors released after myocardial infarction: Beneficial or detrimental?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2270-2271.	0.4	0
1586	Association between circulating mononuclear cell mitochondrial DNA copy number and in-hospital mortality in septic patients: A prospective observational study based on the Sepsis-3 definition. <i>PLoS ONE</i> , 2019, 14, e0212808.	1.1	8
1587	Role of Damage-Associated Molecular Patterns and Uncontrolled Inflammation in Pediatric Sepsis-Induced Multiple Organ Dysfunction Syndrome. <i>Journal of Pediatric Intensive Care</i> , 2019, 08, 025-031.	0.4	12
1588	Mechanisms of Cell Death Induced by Optical Hyperthermia. , 2019, , 201-228.		9
1589	Protective effects of hesperetin on lipopolysaccharide-induced acute lung injury by targeting MD2. <i>European Journal of Pharmacology</i> , 2019, 852, 151-158.	1.7	35
1590	Complement factor H regulates retinal development and its absence may establish a footprint for age related macular degeneration. <i>Scientific Reports</i> , 2019, 9, 1082.	1.6	29
1591	Coenzyme Q10 protects against burn-induced mitochondrial dysfunction and impaired insulin signaling in mouse skeletal muscle. <i>FEBS Open Bio</i> , 2019, 9, 348-363.	1.0	25
1592	Pathophysiology of Acute Illness and Injury. , 2019, , 11-42.		2
1593	Cell-Free Mitochondrial DNA in the CSF: A Potential Prognostic Biomarker of Anti-NMDAR Encephalitis. <i>Frontiers in Immunology</i> , 2019, 10, 103.	2.2	26
1594	Feasibility of cellular bioenergetics as a biomarker in porphyria patients. <i>Molecular Genetics and Metabolism Reports</i> , 2019, 19, 100451.	0.4	17
1595	The second genome: Effects of the mitochondrial genome on cancer progression. <i>Advances in Cancer Research</i> , 2019, 142, 63-105.	1.9	19
1596	Cardiac Autophagy in Sepsis. <i>Cells</i> , 2019, 8, 141.	1.8	41
1597	Apolipoprotein L9 interacts with LC3/GABARAP and is a microtubule-associated protein with a widespread subcellular distribution. <i>Biology Open</i> , 2019, 8, .	0.6	5
1598	NLRX1 Regulation Following Acute Mitochondrial Injury. <i>Frontiers in Immunology</i> , 2019, 10, 2431.	2.2	19
1599	DAMPs and NETs in Sepsis. <i>Frontiers in Immunology</i> , 2019, 10, 2536.	2.2	333

#	ARTICLE	IF	CITATIONS
1600	Pooled Human Immunoglobulin Preparations as Immunomodulating Drugs. <i>Molecular Biology</i> , 2019, 53, 758-766.	0.4	1
1601	The Role of Oxidative Stress in Common Risk Factors and Mechanisms of Cardio-Cerebrovascular Ischemia and Depression. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	31
1602	Transcriptomic characterization of culture-associated changes in murine and human precision-cut tissue slices. <i>Archives of Toxicology</i> , 2019, 93, 3549-3583.	1.9	26
1603	Mitochondrial alarmins are tissue mediators of ventilator-induced lung injury and ARDS. <i>PLoS ONE</i> , 2019, 14, e0225468.	1.1	20
1604	Overexpression of transcription factor EB regulates mitochondrial autophagy to protect lipopolysaccharide-induced acute lung injury. <i>Chinese Medical Journal</i> , 2019, 132, 1298-1304.	0.9	11
1605	Adenosine, lidocaine, and Mg ²⁺ fluid therapy leads to 72-hour survival after hemorrhagic shock: A model for studying differential gene expression and extending biological time. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 606-613.	1.1	22
1606	Emerging Therapeutic Targets in Oncologic Photodynamic Therapy. <i>Current Pharmaceutical Design</i> , 2019, 24, 5268-5295.	0.9	15
1607	Succinate accumulation drives ischaemia-reperfusion injury during organ transplantation. <i>Nature Metabolism</i> , 2019, 1, 966-974.	5.1	103
1608	Tranexamic acid suppresses the release of mitochondrial DAMPs and reduces lung inflammation in a murine burn model. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 617-624.	1.1	31
1609	Persistent Mitochondrial Dysfunction Linked to Prolonged Organ Dysfunction in Pediatric Sepsis. <i>Critical Care Medicine</i> , 2019, 47, 1433-1441.	0.4	29
1610	Extracellular mitochondrial DNA promote NLRP3 inflammasome activation and induce acute lung injury through TLR9 and NF- κ B. <i>Journal of Thoracic Disease</i> , 2019, 11, 4816-4828.	0.6	67
1611	Toll-like receptors signaling network in pre-eclampsia: An updated review. <i>Journal of Cellular Physiology</i> , 2019, 234, 2229-2240.	2.0	32
1612	A new perspective: Exploring future therapeutic strategies for cancer by understanding the dual role of B lymphocytes in tumor immunity. <i>International Journal of Cancer</i> , 2019, 144, 2909-2917.	2.3	24
1613	Targeting mitochondria for cardiovascular disorders: therapeutic potential and obstacles. <i>Nature Reviews Cardiology</i> , 2019, 16, 33-55.	6.1	188
1614	Comparative Analysis of the Complete Mitochondrial Genomes for Development Application. <i>Frontiers in Genetics</i> , 2019, 9, 651.	1.1	4
1615	Mitochondrial damage-associated molecular patterns released by lung transplants are associated with primary graft dysfunction. <i>American Journal of Transplantation</i> , 2019, 19, 1464-1477.	2.6	41
1616	Neutrophils in the initiation and resolution of acute pulmonary inflammation: understanding biological function and therapeutic potential. <i>Journal of Pathology</i> , 2019, 247, 672-685.	2.1	168
1617	Mitochondrial dysfunction in affected skin and increased mitochondrial DNA in serum from patients with psoriasis. <i>Experimental Dermatology</i> , 2019, 28, 72-75.	1.4	32

#	ARTICLE	IF	CITATIONS
1618	The myocardial infarct-exacerbating effect of cell-free DNA is mediated by the high-mobility group box 1 receptor for advanced glycation end products-Toll-like receptor 9 pathway. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2256-2269.e3.	0.4	37
1619	High Omega-6/Omega-3 Fatty Acid Ratio Diets and Risk of Noncommunicable Diseases. , 2019, , 217-259.		6
1620	Alcohol and cannabis use alter pulmonary innate immunity. <i>Alcohol</i> , 2019, 80, 131-138.	0.8	27
1621	Association Between HIV Infection and Mitochondrial DNA Copy Number in Peripheral Blood: A Population-Based, Prospective Cohort Study. <i>Journal of Infectious Diseases</i> , 2019, 219, 1285-1293.	1.9	22
1622	<i>Klebsiella pneumoniae</i> infection biology: living to counteract host defences. <i>FEMS Microbiology Reviews</i> , 2019, 43, 123-144.	3.9	322
1623	A conceptual time window-based model for the early stratification of trauma patients. <i>Journal of Internal Medicine</i> , 2019, 286, 2-15.	2.7	36
1624	Microcalorimetric and microscopic studies of the effect of chitosan quaternary ammonium salt on mitochondria. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 828-833.	3.6	8
1625	Regulation of mitochondrial function as a promising target in platelet activation-related diseases. <i>Free Radical Biology and Medicine</i> , 2019, 136, 172-182.	1.3	33
1626	Low-grade infections as a possible cause of arthrofibrosis after total knee arthroplasty. <i>Patient Safety in Surgery</i> , 2019, 13, 1.	1.1	13
1627	Biased perspectives on formyl peptide receptors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 305-316.	1.9	49
1628	Pyroptosis versus necroptosis: similarities, differences, and crosstalk. <i>Cell Death and Differentiation</i> , 2019, 26, 99-114.	5.0	672
1629	Current Perspectives and Mechanisms of Relationship between Intestinal Microbiota Dysfunction and Dementia: A Review. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2019, 8, 360-381.	0.6	11
1630	Mindfulness, Health, and Longevity. , 2019, , 243-255.		7
1631	Release of Mitochondrial and Nuclear DNA During On-Pump Heart Surgery: Kinetics and Relation to Extracellular Vesicles. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 184-192.	1.1	18
1632	The complexity of neuroinflammation consequent to traumatic brain injury: from research evidence to potential treatments. <i>Acta Neuropathologica</i> , 2019, 137, 731-755.	3.9	135
1633	Proton leak regulates mitochondrial reactive oxygen species generation in endothelial cell activation and inflammation - A novel concept. <i>Archives of Biochemistry and Biophysics</i> , 2019, 662, 68-74.	1.4	75
1634	Mitochondrial DNA in the tumour microenvironment activates neutrophils and is associated with worse outcomes in patients with advanced epithelial ovarian cancer. <i>British Journal of Cancer</i> , 2019, 120, 207-217.	2.9	62
1635	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung. <i>Free Radical Biology and Medicine</i> , 2019, 131, 209-217.	1.3	47

#	ARTICLE	IF	CITATIONS
1636	Temporal profile of serum mitochondrial DNA (mtDNA) in patients with aneurysmal subarachnoid hemorrhage (aSAH). <i>Mitochondrion</i> , 2019, 47, 218-226.	1.6	14
1637	Endotracheal intubation results in acute tracheal damage induced by mtDNA/TLR9/NF- κ B activity. <i>Journal of Leukocyte Biology</i> , 2019, 105, 577-587.	1.5	21
1638	Mitochondrial DNA plays an important role in lung injury induced by sepsis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8547-8560.	1.2	7
1639	<i>E. coli</i> induced larger neutrophils in the peritoneal cavity of mice with severe septic peritonitis. <i>Molecular Immunology</i> , 2019, 105, 86-95.	1.0	2
1640	Nucleic Acid Sensing in Mammals and Plants: Facts and Caveats. <i>International Review of Cell and Molecular Biology</i> , 2019, 345, 225-285.	1.6	25
1641	Mitochondria, Oxytocin, and Vasopressin: Unfolding the Inflammatory Protein Response. <i>Neurotoxicity Research</i> , 2019, 36, 239-256.	1.3	42
1642	Markers of Mitochondrial Metabolism in Tumor Hypoxia, Systemic Inflammation, and Adverse Outcome of Rectal Cancer. <i>Translational Oncology</i> , 2019, 12, 76-83.	1.7	16
1643	Inflammation and mitochondrial dysfunction: A vicious circle in neurodegenerative disorders?. <i>Neuroscience Letters</i> , 2019, 710, 132931.	1.0	168
1644	Alloreactivity and allorecognition of syngeneic and allogeneic mitochondria. <i>Mitochondrion</i> , 2019, 46, 103-115.	1.6	68
1645	Release of mitochondrial DNA is associated with mortality in severe acute heart failure. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 419-428.	0.4	14
1646	Urinary mitochondrial DNA associates with delayed graft function following renal transplantation. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1320-1327.	0.4	16
1647	Rapid isolation and purification of functional platelet mitochondria using a discontinuous Percoll gradient. <i>Platelets</i> , 2020, 31, 258-264.	1.1	10
1648	KDM2B promotes IL-6 production and inflammatory responses through Brg1-mediated chromatin remodeling. <i>Cellular and Molecular Immunology</i> , 2020, 17, 834-842.	4.8	32
1649	Sepsis 2019 "New Trends and Their Implications for Multiple Trauma Patients. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 81-89.	0.4	10
1650	Mitochondria and Critical Illness. <i>Chest</i> , 2020, 157, 310-322.	0.4	108
1651	DAMP-sensing receptors in sterile inflammation and inflammatory diseases. <i>Nature Reviews Immunology</i> , 2020, 20, 95-112.	10.6	920
1652	Damage-associated molecular patterns in trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 751-775.	0.8	110
1653	Plasma Mitochondrial DNA Levels Are Associated With ARDS in Trauma and Sepsis Patients. <i>Chest</i> , 2020, 157, 67-76.	0.4	64

#	ARTICLE	IF	CITATIONS
1654	General Features of Autoimmune Disease. , 2020, , 17-44.		8
1655	Enhanced Mitochondrial DNA Repair Resuscitates Transplantable Lungs Donated After Circulatory Death. Journal of Surgical Research, 2020, 245, 273-280.	0.8	9
1656	Toll-like Receptor 8 Stability Is Regulated by Ring Finger 216 in Response to Circulating MicroRNAs. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 157-167.	1.4	27
1657	Interleukin-6 improves infection identification when added to physician judgment during evaluation of potentially septic patients. American Journal of Emergency Medicine, 2020, 38, 947-952.	0.7	11
1658	Platelets and IgE: Shaping the Innate Immune Response in Systemic Lupus Erythematosus. Clinical Reviews in Allergy and Immunology, 2020, 58, 194-212.	2.9	15
1659	DAMPs, PAMPs, and LAMPs in Immunity and Sterile Inflammation. Annual Review of Pathology: Mechanisms of Disease, 2020, 15, 493-518.	9.6	407
1660	Mitochondrial DNA Stimulates TLR9-Dependent Neutrophil Extracellular Trap Formation in Primary Graft Dysfunction. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 364-372.	1.4	70
1661	FOXO1 inhibition prevents renal ischemiaâ€“reperfusion injury via cAMPâ€“response element binding protein/PPARâ€“3 coactivatorâ€“1â€“mediated mitochondrial biogenesis. British Journal of Pharmacology, 2020, 177, 432-448.	2.7	65
1662	Plasma mtDNA copy numbers are associated with <i>GSK1</i> expression and inflammation in type 2 diabetes. Diabetic Medicine, 2020, 37, 1874-1878.	1.2	17
1663	Hypoxia differently modulates the release of mitochondrial and nuclear DNA. British Journal of Cancer, 2020, 122, 715-725.	2.9	14
1664	Mitochondrial DNA Copy Number in Peripheral Blood as a Potential Non-invasive Biomarker for Multiple Sclerosis. NeuroMolecular Medicine, 2020, 22, 304-313.	1.8	15
1665	Cell-free mitochondrial DNA increases in maternal circulation during healthy pregnancy: a prospective, longitudinal study. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R445-R452.	0.9	23
1666	Extracellular Mitochondria in Traumatic Brain Injury Induced Coagulopathy. Seminars in Thrombosis and Hemostasis, 2020, 46, 167-175.	1.5	11
1667	Mitochondria: New developments in pathophysiology. Molecular Aspects of Medicine, 2020, 71, 100841.	2.7	3
1668	A comprehensive mechanistic review insight into the effects of micronutrients on toll-like receptors functions. Pharmacological Research, 2020, 152, 104619.	3.1	13
1669	Omics Integration for Mitochondria Systems Biology. Antioxidants and Redox Signaling, 2020, 32, 853-872.	2.5	19
1670	Toll-like receptor 2 and 9 expression on circulating neutrophils is associated with increased mortality in critically ill patients. Shock, 2020, 54, 35-43.	1.0	6
1671	Anti-N-methyl-D-aspartate receptor encephalitis: A review of pathogenic mechanisms, treatment, prognosis. Brain Research, 2020, 1727, 146549.	1.1	47

#	ARTICLE	IF	CITATIONS
1672	Neuroprotective potential of azilsartan against cerebral ischemic injury: Possible involvement of mitochondrial mechanisms. <i>Neurochemistry International</i> , 2020, 132, 104604.	1.9	26
1673	Cerium Nitrate Treatment Provides Eschar Stabilization through Reduction in Bioburden, DAMPs, and Inflammatory Cytokines in a Rat Scald Burn Model. <i>Journal of Burn Care and Research</i> , 2020, 41, 576-584.	0.2	15
1674	Limitations of recellularized biological scaffolds for human transplantation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 521-538.	1.3	19
1675	Correlation of molecular and morphologic effects of thermoembolization in a swine model using mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4477.	0.7	1
1676	Age-Associated Mitochondrial Dysfunction Accelerates Atherogenesis. <i>Circulation Research</i> , 2020, 126, 298-314.	2.0	118
1677	The Consequences of Aging On the Response to Injury and Critical Illness. <i>Shock</i> , 2020, 54, 144-153.	1.0	13
1678	Donor sex and recipient outcomes. <i>ISBT Science Series</i> , 2020, 15, 142-150.	1.1	2
1679	Formyl Peptide Receptor-1 Blockade Prevents Receptor Regulation by Mitochondrial Danger-Associated Molecular Patterns and Preserves Neutrophil Function After Trauma. <i>Critical Care Medicine</i> , 2020, 48, e123-e132.	0.4	20
1680	Mitochondrial transplantation: respiration rescue in respiratory failure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L76-L77.	1.3	0
1681	Type I interferons and endoplasmic reticulum stress in health and disease. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 63-118.	1.6	53
1682	Ropivacaine Activates Multiple Proapoptotic and Inflammatory Signaling Pathways That Might Subsume to Trigger Epidural-Related Maternal Fever. <i>Anesthesia and Analgesia</i> , 2020, 130, 321-331.	1.1	27
1683	Trauma-Induced Long-Term Alterations of Human T Cells and Monocytes—Results of an Explorative, Cross-Sectional Study. <i>Shock</i> , 2020, 53, 35-42.	1.0	5
1684	The use of cryopreserved platelets in a trauma-induced hemorrhage model. <i>Transfusion</i> , 2020, 60, 2079-2089.	0.8	12
1685	Mitochondrial Quality Control and Restraining Innate Immunity. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 265-289.	4.0	73
1686	Circulating Mitochondrial-Derived Vesicles, Inflammatory Biomarkers and Amino Acids in Older Adults With Physical Frailty and Sarcopenia: A Preliminary BIOSPHERE Multi-Marker Study Using Sequential and Orthogonalized Covariance Selection – Linear Discriminant Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 564417.	1.8	27
1687	In vivo Anti-inflammatory Activity of Lipidated Peptidomimetics Pam-(Lys-Î²Nspe)6-NH2 and Lau-(Lys-Î²Nspe)6-NH2 Against PMA-Induced Acute Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 2102.	2.2	11
1688	Discovery and Validation of Urinary Molecular Signature of Early Sepsis. , 2020, 2, e0195.		9
1689	Mitochondrial donation in translational medicine; from imagination to reality. <i>Journal of Translational Medicine</i> , 2020, 18, 367.	1.8	11

#	ARTICLE	IF	CITATIONS
1690	The Impact of Mitochondrial Deficiencies in Neuromuscular Diseases. <i>Antioxidants</i> , 2020, 9, 964.	2.2	21
1691	Mitochondria as the decision makers for cancer cell fate: from signaling pathways to therapeutic strategies. <i>Cell Calcium</i> , 2020, 92, 102308.	1.1	13
1692	LPS-Induced Endotoxemia Evokes Epigenetic Alterations in Mitochondrial DNA That Impacts Inflammatory Response. <i>Cells</i> , 2020, 9, 2282.	1.8	11
1693	Platelet Extracellular Vesicles. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 87-96.	1.1	83
1694	Mitophagy-Mediated mtDNA Release Aggravates Stretching-Induced Inflammation and Lung Epithelial Cell Injury via the TLR9/MyD88/NF- κ B Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 819.	1.8	26
1695	Urinary cell cycle arrest proteins urinary tissue inhibitor of metalloprotease 2 and insulin-like growth factor binding protein 7 predict acute kidney injury after severe trauma: A prospective observational study. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 761-767.	1.1	7
1696	Neglected Variables in the Interpretation of Serum Procalcitonin Levels in Patients With Septic Shock. <i>Journal of Infectious Diseases</i> , 2020, 222, S96-S102.	1.9	10
1697	Growth differentiation factor 15 protects against the aging-mediated systemic inflammatory response in humans and mice. <i>Aging Cell</i> , 2020, 19, e13195.	3.0	64
1698	Attenuating hyperinflammation in COVID-19: A change in paradigm?. <i>Journal of Critical Care</i> , 2020, 60, 334-336.	1.0	2
1699	Toll-like receptors in mediating pathogenesis in systemic sclerosis. <i>Clinical and Experimental Immunology</i> , 2020, 201, 14-24.	1.1	39
1700	High Speed Centrifugation Before Frozen Storage of Plasma Is Critical for Quantitative Analysis of Mitochondrial-Derived Cell-Free DNA. <i>Clinical Chemistry</i> , 2020, 66, 1111-1114.	1.5	9
1701	Neutrophil heterogeneity and fate in inflamed tissues: implications for the resolution of inflammation. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C510-C532.	2.1	51
1702	Mitochondrial Fission Mediated Cigarette Smoke-induced Pulmonary Endothelial Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 637-651.	1.4	30
1703	Innate Immune Sensing of Influenza A Virus. <i>Viruses</i> , 2020, 12, 755.	1.5	47
1704	Mechanisms and pathogenesis underlying environmental chemical-induced necroptosis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37488-37501.	2.7	22
1705	MTFMT deficiency correlates with reduced mitochondrial integrity and enhanced host susceptibility to intracellular infection. <i>Scientific Reports</i> , 2020, 10, 11183.	1.6	3
1706	Systemic inflammation is associated with circulating cell death released keratin 18 fragments in colorectal cancer. <i>Oncolmmunology</i> , 2020, 9, 1783046.	2.1	8
1707	Output Regulation and Function Optimization of Mitochondria in Eukaryotes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 598112.	1.8	6

#	ARTICLE	IF	CITATIONS
1708	Distinct Tissue Damage and Microbial Cues Drive Neutrophil and Macrophage Recruitment to Thermal Injury. <i>IScience</i> , 2020, 23, 101699.	1.9	13
1709	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. <i>Cell</i> , 2020, 183, 1185-1201.e20.	13.5	161
1710	The Molecular Mechanisms Underlying Mitochondria-Associated Endoplasmic Reticulum Membrane-Induced Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2020, 11, 592129.	1.5	39
1711	Neuroprotectin D1 Protects Against Postoperative Delirium-Like Behavior in Aged Mice. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 582674.	1.7	15
1712	Intrauterine Inflammation Alters the Transcriptome and Metabolome in Placenta. <i>Frontiers in Physiology</i> , 2020, 11, 592689.	1.3	26
1713	Cell-free mitochondrial DNA increases granulosa cell apoptosis and reduces aged oocyte blastocyst development in the mouse. <i>Reproductive Toxicology</i> , 2020, 98, 278-285.	1.3	6
1714	Associations between Cell-Free Mitochondrial DNA and Inflammation, and Their Clinical Implications for Patients on Hemodialysis: A Prospective Multicenter Cohort Study. <i>Blood Purification</i> , 2021, 50, 214-221.	0.9	6
1715	Augmenting emergency granulopoiesis with CpG conditioned mesenchymal stromal cells in murine neutropenic sepsis. <i>Blood Advances</i> , 2020, 4, 4965-4979.	2.5	9
1716	Effect of low-level laser therapy on the inflammatory response in an experimental model of ventilator-induced lung injury. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1356-1363.	1.6	6
1717	Coronavirus (Covid-19) sepsis: revisiting mitochondrial dysfunction in pathogenesis, aging, inflammation, and mortality. <i>Inflammation Research</i> , 2020, 69, 1077-1085.	1.6	122
1718	Protective Immune Responses Elicited by Deglycosylated Live-Attenuated Simian Immunodeficiency Virus Vaccine Are Associated with IL-15 Effector Functions. <i>Journal of Immunology</i> , 2020, 205, 1331-1344.	0.4	4
1719	Toll-Like Receptor 9 Is Involved in NLRP3 Inflammasome Activation and IL-1 β Production Through Monosodium Urate-Induced Mitochondrial DNA. <i>Inflammation</i> , 2020, 43, 2301-2311.	1.7	14
1720	Starting a Fire Without Flame: The Induction of Cell Death and Inflammation in Electroporation-Based Tumor Ablation Strategies. <i>Frontiers in Oncology</i> , 2020, 10, 1235.	1.3	52
1721	Bioactive DNA from extracellular vesicles and particles. <i>Cell Death and Disease</i> , 2020, 11, 584.	2.7	125
1722	Pathogenesis and treatment of idiopathic and rheumatoid arthritis-related interstitial pneumonia. The possible lesson from COVID-19 pneumonia. <i>Expert Review of Clinical Immunology</i> , 2020, 16, 751-770.	1.3	10
1723	The Metabolic Changes and Immune Profiles in Patients With COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 2075.	2.2	37
1724	Mitochondrial DNA: A New Predictor of Diabetic Kidney Disease. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-7.	0.6	15
1725	Mitochondrial Dysfunction, Oxidative Stress, and Neuroinflammation: Intertwined Roads to Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 647.	2.2	159

#	ARTICLE	IF	CITATIONS
1726	Characterization and origins of cell-free mitochondria in healthy murine and human blood. <i>Mitochondrion</i> , 2020, 54, 102-112.	1.6	35
1727	Fragmentation of extracellular ribosomes and tRNAs shapes the extracellular RNAome. <i>Nucleic Acids Research</i> , 2020, 48, 12874-12888.	6.5	60
1728	Ethyl Pyruvate Reduces Systemic Leukocyte Activation via Caspase-1 and NF- κ B After Blunt Chest Trauma and Haemorrhagic Shock. <i>Frontiers in Medicine</i> , 2020, 7, 562904.	1.2	5
1729	Cyclosporin A Administration During Ex Vivo Lung Perfusion Preserves Lung Grafts in Rat Transplant Model. <i>Transplantation</i> , 2020, 104, e252-e259.	0.5	12
1730	Expanding and validating the biomarkers for mitochondrial diseases. <i>Journal of Molecular Medicine</i> , 2020, 98, 1467-1478.	1.7	44
1731	Complement in trauma—Traumatised complement?. <i>British Journal of Pharmacology</i> , 2021, 178, 2863-2879.	2.7	21
1732	Rewiring Mitochondrial Metabolism for CD8+ T Cell Memory Formation and Effective Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 1834.	2.2	26
1733	Toll-Like Receptors Contribute to Sex Differences in Blood Pressure Regulation. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 255-266.	0.8	13
1734	Multiplexed Plasma Immune Mediator Signatures Can Differentiate Sepsis From NonInfective SIRS. <i>Annals of Surgery</i> , 2020, 272, 604-610.	2.1	10
1735	Potential of Extracellular Vesicle-Associated TSG-6 from Adipose Mesenchymal Stromal Cells in Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6761.	1.8	12
1736	Post-mortem ventricular cerebrospinal fluid cell-free-mtDNA in neurodegenerative disease. <i>Scientific Reports</i> , 2020, 10, 15253.	1.6	14
1737	The Critical Roles and Mechanisms of Immune Cell Death in Sepsis. <i>Frontiers in Immunology</i> , 2020, 11, 1918.	2.2	54
1738	Senolytics prevent mt-DNA-induced inflammation and promote the survival of aged organs following transplantation. <i>Nature Communications</i> , 2020, 11, 4289.	5.8	125
1739	Human adaptation to hypoxia in critical illness. <i>Journal of Applied Physiology</i> , 2020, 129, 656-663.	1.2	15
1740	Revisiting Platelets and Toll-Like Receptors (TLRs): At the Interface of Vascular Immunity and Thrombosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6150.	1.8	58
1741	Inflammasome Fuels Dengue Severity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 489.	1.8	29
1742	Crosstalk between cGAS—STING signaling and cell death. <i>Cell Death and Differentiation</i> , 2020, 27, 2989-3003.	5.0	79
1743	Pathological Responses of Cardiac Mitochondria to Burn Trauma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6655.	1.8	7

#	ARTICLE	IF	CITATIONS
1744	Immunotherapeutic options for inflammation in trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, S77-S82.	1.1	5
1745	Ex Vivo Lung Perfusion Improves the Inflammatory Signaling Profile of the Porcine Donor Lung Following Transplantation. <i>Transplantation</i> , 2020, 104, 1899-1905.	0.5	12
1746	Necroptosis in Hepatosteatotic Ischaemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5931.	1.8	21
1747	Potential of Soluble Decellularized Extracellular Matrix for Musculoskeletal Tissue Engineering – Comparison of Various Mesenchymal Tissues. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 581972.	1.8	17
1748	Nuclear and Mitochondrial Circulating Cell-Free DNA Is Increased in Patients With Inflammatory Bowel Disease in Clinical Remission. <i>Frontiers in Medicine</i> , 2020, 7, 593316.	1.2	14
1749	The Role of DNA in the Extracellular Environment: A Focus on NETs, RETs and Biofilms. <i>Frontiers in Plant Science</i> , 2020, 11, 589837.	1.7	19
1750	N-Formylated Peptide Induces Increased Expression of Both Formyl Peptide Receptor 2 (Fpr2) and Toll-Like Receptor 9 (TLR9) in Schwannoma Cells – An In Vitro Model for Early Inflammatory Profiling of Schwann Cells. <i>Cells</i> , 2020, 9, 2661.	1.8	4
1751	mtDNA-STING pathway promotes necroptosis-dependent enterocyte injury in intestinal ischemia reperfusion. <i>Cell Death and Disease</i> , 2020, 11, 1050.	2.7	63
1752	Circulating nicotinamide adenine dinucleotide-ubiquinone oxidoreductase chain 6 is associated with disease activity of anti-neutrophil cytoplasmic antibody-associated vasculitis. <i>Clinica Chimica Acta</i> , 2020, 511, 125-131.	0.5	2
1753	Extracellular Vesicles and Damage-Associated Molecular Patterns: A Pandora's Box in Health and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 601740.	2.2	32
1754	MAIRIN deficiency ameliorates cardiac remodelling post-myocardial infarction by suppressing TLR9-mediated macrophage activation. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 14481-14490.	1.6	7
1755	CXCL10 could drive longer duration of mechanical ventilation during COVID-19 ARDS. <i>Critical Care</i> , 2020, 24, 632.	2.5	67
1756	An automated, high-throughput methodology optimized for quantitative cell-free mitochondrial and nuclear DNA isolation from plasma. <i>Journal of Biological Chemistry</i> , 2020, 295, 15677-15691.	1.6	20
1757	Effects of O-GlcNAcylation on functional mitochondrial transfer from astrocytes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2096958.	2.4	19
1758	A decellularized scaffold derived from squid cranial cartilage for use in cartilage tissue engineering. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4516-4526.	2.9	13
1759	Oxidative Stress at the Crossroads of Aging, Stroke and Depression. , 2020, 11, 1537.		64
1760	Targeting Mitochondria during Cold Storage to Maintain Proteasome Function and Improve Renal Outcome after Transplantation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3506.	1.8	6
1761	The Role of IL-6 in Skin Fibrosis and Cutaneous Wound Healing. <i>Biomedicines</i> , 2020, 8, 101.	1.4	192

#	ARTICLE	IF	CITATIONS
1762	Cell-Free Circulating Mitochondrial DNA: A Potential Blood-Based Marker for Atrial Fibrillation. <i>Cells</i> , 2020, 9, 1159.	1.8	31
1763	Hepatocyte mitochondria-derived danger signals directly activate hepatic stellate cells and drive progression of liver fibrosis. <i>Nature Communications</i> , 2020, 11, 2362.	5.8	163
1764	Differential expression of the five redox complexes in the retinal mitochondria or rod outer segment disks is consistent with their different functionality. <i>FASEB BioAdvances</i> , 2020, 2, 315-324.	1.3	17
1765	Generation and Release of Mitochondrial-Derived Vesicles in Health, Aging and Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1440.	1.0	54
1766	Neuroglial transmitophagy and Parkinson's disease. <i>Glia</i> , 2020, 68, 2277-2299.	2.5	47
1767	Mitochondrial function in immune cells in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165845.	1.8	115
1768	Microvascular thrombosis: experimental and clinical implications. <i>Translational Research</i> , 2020, 225, 105-130.	2.2	62
1769	An extracellular cold-inducible RNA-binding protein-derived small peptide targeting triggering receptor expressed on myeloid cells-1 attenuates hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 809-815.	1.1	6
1770	Cellular targets of oxidative stress. <i>Current Opinion in Toxicology</i> , 2020, 20-21, 48-54.	2.6	2
1771	Enhanced Signaling Through the TLR9 Pathway Is Associated With Resistance to HIV-1 Infection in Chinese HIV-1 "Exposed Seronegative Individuals. <i>Frontiers in Immunology</i> , 2020, 11, 1050.	2.2	3
1772	Toll-like receptor 9 and the inflammatory response to surgical trauma and cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 137.	0.4	6
1773	Prognostic Significance of CHIP and RIPK3 in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2020, 12, 1496.	1.7	5
1774	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. <i>Science Advances</i> , 2020, 6, eaay7148.	4.7	94
1775	An evolutionary, or "Mitocentric" perspective on cellular function and disease. <i>Redox Biology</i> , 2020, 36, 101568.	3.9	19
1776	Blood mitochondrial DNA as a biomarker of clinical outcomes in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2020, 56, 2001769.	3.1	2
1777	Mitochondria, Aging, and Cellular Senescence: Implications for Scleroderma. <i>Current Rheumatology Reports</i> , 2020, 22, 37.	2.1	12
1778	Neutrophil extracellular traps exacerbate neurological deficits after traumatic brain injury. <i>Science Advances</i> , 2020, 6, eaax8847.	4.7	94
1779	Immune Alterations Following Neurological Disorders: A Comparison of Stroke and Seizures. <i>Frontiers in Neurology</i> , 2020, 11, 425.	1.1	6

#	ARTICLE	IF	CITATIONS
1780	Surgical trauma-induced immunosuppression in cancer: Recent advances and the potential therapies. <i>Clinical and Translational Medicine</i> , 2020, 10, 199-223.	1.7	84
1781	Biological Aging and Immune Senescence in Children with Perinatally Acquired HIV. <i>Journal of Immunology Research</i> , 2020, 2020, 1-15.	0.9	11
1782	Neutrophil-Mediated Cardiac Damage After Acute Myocardial Infarction: Significance of Defining a New Target Cell Type for Developing Cardioprotective Drugs. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 689-712.	2.5	22
1783	Mechanisms of mitochondrial DNA escape and its relationship with different metabolic diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165761.	1.8	70
1784	Androgen aggravates liver fibrosis by activation of NLRP3 inflammasome in CCl ₄ -induced liver injury mouse model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E817-E829.	1.8	24
1785	Protocol for TRAUMADORNASE: a prospective, randomized, multicentre, double-blinded, placebo-controlled clinical trial of aerosolized dornase alfa to reduce the incidence of moderate-to-severe hypoxaemia in ventilated trauma patients. <i>Trials</i> , 2020, 21, 274.	0.7	12
1786	The Role of Mitochondria in Inflammation: From Cancer to Neurodegenerative Disorders. <i>Journal of Clinical Medicine</i> , 2020, 9, 740.	1.0	144
1787	Insights Into the Role of Mitochondrial Ion Channels in Inflammatory Response. <i>Frontiers in Physiology</i> , 2020, 11, 258.	1.3	17
1788	Inter-Organelle Membrane Contact Sites and Mitochondrial Quality Control during Aging: A Geroscience View. <i>Cells</i> , 2020, 9, 598.	1.8	23
1789	Characterization of a heparinized decellularized scaffold and its effects on mechanical and structural properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 999-1023.	1.9	23
1790	Social Safety Theory: A Biologically Based Evolutionary Perspective on Life Stress, Health, and Behavior. <i>Annual Review of Clinical Psychology</i> , 2020, 16, 265-295.	6.3	185
1791	Recent advances into the role of pattern recognition receptors in transplantation. <i>Cellular Immunology</i> , 2020, 351, 104088.	1.4	6
1792	Kidney allograft fibrosis: what we learned from latest translational research studies. <i>Journal of Nephrology</i> , 2020, 33, 1201-1211.	0.9	14
1793	Obesity, Hypertension, and Cardiac Dysfunction. <i>Circulation Research</i> , 2020, 126, 789-806.	2.0	252
1794	Defining trauma-induced coagulopathy with respect to future implications for patient management: Communication from the SSC of the ISTH. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 740-747.	1.9	56
1795	Inflammatory response in trauma patients: are there ways to decrease the inflammatory reaction?. <i>Current Opinion in Anaesthesiology</i> , 2020, 33, 253-258.	0.9	4
1796	Bioactive Plasma Mitochondrial DNA Is Associated With Disease Progression in Scleroderma-Associated Interstitial Lung Disease. <i>Arthritis and Rheumatology</i> , 2020, 72, 1905-1915.	2.9	29
1797	Mitophagy, Mitochondrial Homeostasis, and Cell Fate. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 467.	1.8	296

#	ARTICLE	IF	CITATIONS
1798	Mitochondrial Dysfunction Is an Early Consequence of Partial or Complete Dystrophin Loss in mdx Mice. <i>Frontiers in Physiology</i> , 2020, 11, 690.	1.3	61
1799	The NLRP3 Inflammasome as a Critical Actor in the Inflammaging Process. <i>Cells</i> , 2020, 9, 1552.	1.8	33
1800	Intercellular Mitochondrial Transfer in the Tumor Microenvironment. <i>Cancers</i> , 2020, 12, 1787.	1.7	25
1802	Hemorrhagic Shock. , 0, , .		0
1803	Early postoperative pain after laparoscopic donor nephrectomy predicts 30-day postoperative infectious complications: a pooled analysis of randomized controlled trials. <i>Pain</i> , 2020, 161, 1565-1570.	2.0	9
1804	Multifaceted Roles of Mitochondrial Components and Metabolites in Metabolic Diseases and Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4405.	1.8	24
1805	Mitochondrial Transfer as a Therapeutic Strategy Against Ischemic Stroke. <i>Translational Stroke Research</i> , 2020, 11, 1214-1228.	2.3	36
1806	A Combination of Kidney Ischemia and Injection of Isolated Mitochondria Leads to Activation of Inflammation and Increase in Mortality Rate in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2020, 169, 213-217.	0.3	4
1807	BMSC-derived exosomes alleviate smoke inhalation lung injury through blockade of the HMGB1/NF- κ B pathway. <i>Life Sciences</i> , 2020, 257, 118042.	2.0	26
1808	Methotrexate-loaded tumour-cell-derived microvesicles can relieve biliary obstruction in patients with extrahepatic cholangiocarcinoma. <i>Nature Biomedical Engineering</i> , 2020, 4, 743-753.	11.6	94
1809	Systemic effects of mitochondrial stress. <i>EMBO Reports</i> , 2020, 21, e50094.	2.0	54
1810	Obesity and ageing: Two sides of the same coin. <i>Obesity Reviews</i> , 2020, 21, e12991.	3.1	105
1811	Mitochondria Do Not Survive Calcium Overload During Transplantation. <i>Circulation Research</i> , 2020, 126, 784-786.	2.0	32
1812	Burn injury insulin resistance and central nervous system complications: A review. <i>Burns Open</i> , 2020, 4, 41-52.	0.2	10
1813	Cellular Interplay as a Consequence of Inflammatory Signals Leading to Liver Fibrosis Development. <i>Cells</i> , 2020, 9, 461.	1.8	38
1814	Stress and Psychiatric Disorders: The Role of Mitochondria. <i>Annual Review of Clinical Psychology</i> , 2020, 16, 165-186.	6.3	55
1815	Wounding triggers MIRO-1 dependent mitochondrial fragmentation that accelerates epidermal wound closure through oxidative signaling. <i>Nature Communications</i> , 2020, 11, 1050.	5.8	44
1816	<p>Mitochondrial Dynamic Dysfunction as a Main Triggering Factor for Inflammation Associated Chronic Non-Communicable Diseases</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 97-107.	1.6	58

#	ARTICLE	IF	CITATIONS
1817	Genome-wide identification and characterization of Toll-like receptors (TLRs) in housefly (<i>Musca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Macromolecules, 2020, 150, 141-151.	3.6	17
1818	The Role of Tranexamic Acid in the Management of an Acutely Hemorrhaging Patient. Hospital Pharmacy, 2020, 56, 001857872090661.	0.4	3
1819	Elevated Plasma Levels of Mitochondria-Derived Damage-Associated Molecular Patterns during Liver Transplantation: Predictors for Postoperative Multi-Organ Dysfunction Syndrome. Tohoku Journal of Experimental Medicine, 2020, 250, 87-93.	0.5	9
1820	Peripheral biomarkers of mitochondrial dysfunction in adolescents with bipolar disorder. Journal of Psychiatric Research, 2020, 123, 187-193.	1.5	40
1821	Increased level of circulating cell-free mitochondrial DNA due to a single bout of strenuous physical exercise. European Journal of Applied Physiology, 2020, 120, 897-905.	1.2	18
1822	Dysfunction of inflammation-resolving pathways is associated with postoperative cognitive decline in elderly mice. Behavioural Brain Research, 2020, 386, 112538.	1.2	16
1823	The hepatoprotective effects of XCHD and MglG against methotrexate-induced liver injury and inflammation in rats through suppressing the activation of AIM2 inflammasomes. Pathology Research and Practice, 2020, 216, 152875.	1.0	8
1824	The Role of Toll-like Receptors in Atherothrombotic Cardiovascular Disease. ACS Pharmacology and Translational Science, 2020, 3, 457-471.	2.5	27
1825	Noncanonical Functions of the Human Ribosomal Repeat. Russian Journal of Genetics, 2020, 56, 30-40.	0.2	4
1826	Phagocytosis of Necrotic Debris at Sites of Injury and Inflammation. Frontiers in Immunology, 2019, 10, 3030.	2.2	104
1827	Neutrophil extracellular trap formation and nuclease activity in septic patients. BMC Anesthesiology, 2020, 20, 15.	0.7	20
1828	What are the pathologic and pathophysiologic changes that accompany ARDS?. , 2020, , 95-102.e1.		1
1829	Mitochondrial DNA: A Key Regulator of Anti-Microbial Innate Immunity. Genes, 2020, 11, 86.	1.0	21
1830	Mitochondrial DNA, oxidants, and innate immunity. Free Radical Biology and Medicine, 2020, 152, 455-461.	1.3	30
1831	Ischemia and Reperfusion Injury in Kidney Transplantation: Relevant Mechanisms in Injury and Repair. Journal of Clinical Medicine, 2020, 9, 253.	1.0	149
1832	Effects of Cetyltrimethylammonium Bromide on the Toxicity of Gold Nanorods Both In Vitro and In Vivo: Molecular Origin of Cytotoxicity and Inflammation. Small Methods, 2020, 4, 1900799.	4.6	43
1833	Reactive fibrosis precedes doxorubicin-induced heart failure through sterile inflammation. ESC Heart Failure, 2020, 7, 588-603.	1.4	41
1834	Mitochondrial DNA Promotes NLRP3 Inflammasome Activation and Contributes to Endothelial Dysfunction and Inflammation in Type 1 Diabetes. Frontiers in Physiology, 2019, 10, 1557.	1.3	52

#	ARTICLE	IF	CITATIONS
1835	Deoxyribonuclease Reduces Tissue Injury and Improves Survival After Hemorrhagic Shock. <i>Journal of Surgical Research</i> , 2020, 249, 104-113.	0.8	8
1836	Treatment of Human Lens Epithelium with High Levels of Nanoceria Leads to Reactive Oxygen Species Mediated Apoptosis. <i>Molecules</i> , 2020, 25, 441.	1.7	18
1837	Mitochondrial functions and rare diseases. <i>Molecular Aspects of Medicine</i> , 2020, 71, 100842.	2.7	39
1838	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. <i>Neurogenetics</i> , 2020, 21, 187-203.	0.7	14
1839	Prognostic value of plasma mitochondrial DNA in acute respiratory distress syndrome (ARDS): a single-center observational study. <i>Journal of Thoracic Disease</i> , 2020, 12, 1320-1328.	0.6	20
1840	Exploring Biased Agonism at FPR1 as a Means to Encode Danger Sensing. <i>Cells</i> , 2020, 9, 1054.	1.8	8
1841	Regulatory T Cells Modulate CD4 Proliferation after Severe Trauma via IL-10. <i>Journal of Clinical Medicine</i> , 2020, 9, 1052.	1.0	9
1842	Analysis of Plasma Products for Cellular Contaminants: Comparing Standard Preparation Methods. <i>Journal of the American College of Surgeons</i> , 2020, 230, 596-602.	0.2	7
1843	Inflammation in myocardial injury- Stem cells as potential immunomodulators for myocardial regeneration and restoration. <i>Life Sciences</i> , 2020, 250, 117582.	2.0	10
1844	Mitochondria dysfunction and metabolic reprogramming as drivers of idiopathic pulmonary fibrosis. <i>Redox Biology</i> , 2020, 33, 101509.	3.9	104
1845	The clearance of dead cells by efferocytosis. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 398-414.	16.1	395
1846	15-Epi-LXA ₄ and 17-epi-RvD1 restore TLR9-mediated impaired neutrophil phagocytosis and accelerate resolution of lung inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7971-7980.	3.3	77
1847	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
1848	General Adaptation in Critical Illness: Glucocorticoid Receptor-alpha Master Regulator of Homeostatic Corrections. <i>Frontiers in Endocrinology</i> , 2020, 11, 161.	1.5	42
1849	Older Adults with Physical Frailty and Sarcopenia Show Increased Levels of Circulating Small Extracellular Vesicles with a Specific Mitochondrial Signature. <i>Cells</i> , 2020, 9, 973.	1.8	44
1850	Carbon black nanoparticles induce cell necrosis through lysosomal membrane permeabilization and cause subsequent inflammatory response. <i>Theranostics</i> , 2020, 10, 4589-4605.	4.6	41
1851	SIRT1 Regulation in Ageing and Obesity. <i>Mechanisms of Ageing and Development</i> , 2020, 188, 111249.	2.2	46
1852	Predictive value of circulating plasma mitochondrial DNA for Sepsis in the emergency department: observational study based on the Sepsis-3 definition. <i>BMC Emergency Medicine</i> , 2020, 20, 25.	0.7	18

#	ARTICLE	IF	CITATIONS
1853	Mitochondrial <scp>DNA</scp> in inflammation and immunity. EMBO Reports, 2020, 21, e49799.	2.0	446
1854	Liver Fibrosis: Mechanistic Concepts and Therapeutic Perspectives. Cells, 2020, 9, 875.	1.8	516
1855	Possible Role of Mitochondrial DNA Mutations in Chronification of Inflammation: Focus on Atherosclerosis. Journal of Clinical Medicine, 2020, 9, 978.	1.0	23
1856	Silver nanoparticles and silver ions cause inflammatory response through induction of cell necrosis and the release of mitochondria in vivo and in vitro. Cell Biology and Toxicology, 2021, 37, 177-191.	2.4	30
1857	The social nature of mitochondria: Implications for human health. Neuroscience and Biobehavioral Reviews, 2021, 120, 595-610.	2.9	65
1858	Polytrauma management - What is new and what is true in 2020 ?. Journal of Clinical Orthopaedics and Trauma, 2021, 12, 88-95.	0.6	13
1859	Mitochondrial dynamics in Angiostrongylus cantonensis-infected mouse brain. Parasitology International, 2021, 80, 102231.	0.6	3
1860	Metabolic regulation of innate immune cell phenotypes during wound repair and regeneration. Current Opinion in Immunology, 2021, 68, 72-82.	2.4	9
1861	Antiphospholipid antibodies and extracellular vesicles in pregnancy. American Journal of Reproductive Immunology, 2021, 85, e13312.	1.2	10
1862	Mitochondria as Therapeutic Targets in Transplantation. Trends in Molecular Medicine, 2021, 27, 185-198.	3.5	45
1863	Preclinical models for studying immune responses to traumatic injury. Immunology, 2021, 162, 377-388.	2.0	10
1864	Barth syndrome cardiomyopathy: targeting the mitochondria with elamipretide. Heart Failure Reviews, 2021, 26, 237-253.	1.7	21
1865	Mediators of mitophagy that regulate mitochondrial quality control play crucial role in diverse pathophysiology. Cell Biology and Toxicology, 2021, 37, 333-366.	2.4	14
1866	Myeloid cells in sensing of tissue damage. Current Opinion in Immunology, 2021, 68, 34-40.	2.4	7
1867	Biomaterials-Driven Sterile Inflammation. Tissue Engineering - Part B: Reviews, 2022, 28, 22-34.	2.5	11
1868	Cellular and molecular features of senescence in acute lung injury. Mechanisms of Ageing and Development, 2021, 193, 111410.	2.2	5
1869	Autophagy alleviates mitochondrial DAMP-induced acute lung injury by inhibiting NLRP3 inflammasome. Life Sciences, 2021, 265, 118833.	2.0	28
1870	Immunological mechanisms and therapeutic targets of fatty liver diseases. Cellular and Molecular Immunology, 2021, 18, 73-91.	4.8	98

#	ARTICLE	IF	CITATIONS
1871	Mitochondrial oxidative phosphorylation in cutaneous melanoma. <i>British Journal of Cancer</i> , 2021, 124, 115-123.	2.9	39
1872	Mitochondrial transplant to replenish damaged mitochondria: A novel therapeutic strategy for neurodegenerative diseases?. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 177, 49-63.	0.9	5
1873	Mitochondria orchestrate macrophage effector functions in atherosclerosis. <i>Molecular Aspects of Medicine</i> , 2021, 77, 100922.	2.7	26
1874	The role of extracellular DNA in COVID-19: Clues from inflamm-aging. <i>Ageing Research Reviews</i> , 2021, 66, 101234.	5.0	16
1875	Emerging role of mitochondria in airborne particulate matter-induced immunotoxicity. <i>Environmental Pollution</i> , 2021, 270, 116242.	3.7	28
1876	Monocyte exocytosis of mitochondrial danger-associated molecular patterns in sepsis suppresses neutrophil chemotaxis. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 46-53.	1.1	20
1877	Links between thrombosis and inflammation in traumatic brain injury. <i>Thrombosis Research</i> , 2021, 198, 62-71.	0.8	22
1878	Mitochondrial DNA in extracellular vesicles declines with age. <i>Aging Cell</i> , 2021, 20, e13283.	3.0	76
1879	Immunological organ modification during Ex Vivo machine perfusion: The future of organ acceptance. <i>Transplantation Reviews</i> , 2021, 35, 100586.	1.2	8
1880	Sterile inflammation in thoracic transplantation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 581-601.	2.4	25
1881	The effects of mesenchymal stem cell mitochondrial transplantation on doxorubicin-mediated nephrotoxicity in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22612.	1.4	29
1882	Immunopathophysiology of trauma-related acute kidney injury. <i>Nature Reviews Nephrology</i> , 2021, 17, 91-111.	4.1	68
1883	Multiorgan Metabolomics and Lipidomics Provide New Insights Into Fat Infiltration in the Liver, Muscle Wasting, and Liver-Muscle Crosstalk Following Burn Injury. <i>Journal of Burn Care and Research</i> , 2021, 42, 269-287.	0.2	6
1884	Effects of resveratrol on mitochondrial biogenesis and physiological diseases. <i>Advances in Traditional Medicine</i> , 2021, 21, 1-14.	1.0	5
1885	Effect of the metanolic extract from the leaves of <i>Garcinia humilis</i> Vahl (Clusiaceae) on acute inflammation. <i>Inflammopharmacology</i> , 2021, 29, 423-438.	1.9	11
1886	Mitochondrial Dysfunction, Macrophage, and Microglia in Brain Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 620788.	1.8	11
1887	Understanding the common mechanisms of heart and skeletal muscle wasting in cancer cachexia. <i>Oncogenesis</i> , 2021, 10, 1.	2.1	75
1888	Mitochondrial dysfunction in sepsis. , 2021, , 179-202.		0

#	ARTICLE	IF	CITATIONS
1889	The Isolated Mucosa of the Rat Colon Decellularization, Microscopy and Cell Cultures. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1345, 85-102.	0.8	0
1890	Tissue Engineering in Skin Substitute. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1345, 193-208.	0.8	6
1891	Circulating mitochondrial DNA is an early indicator of severe illness and mortality from COVID-19. <i>JCI Insight</i> , 2021, 6, .	2.3	95
1892	Through DNA sensors and hidden mitochondrial effects of SARS-CoV-2. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200183.	0.8	5
1893	Infections in Trauma Patients. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2021, , 201-213.	0.1	0
1894	The Role of Mitochondrial Dysfunction in Preeclampsia: Causative Factor or Collateral Damage?. <i>American Journal of Hypertension</i> , 2021, 34, 442-452.	1.0	19
1895	Preeclampsia and Neurodevelopmental Outcomes: Potential Pathogenic Roles for Inflammation and Oxidative Stress?. <i>Molecular Neurobiology</i> , 2021, 58, 2734-2756.	1.9	38
1896	Neutrophil Extracellular Traps in Inflammatory Bowel Disease: Pathogenic Mechanisms and Clinical Translation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 321-333.	2.3	73
1897	Immunity, virus evolution, and effectiveness of SARS-CoV-2 vaccines. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10725.	0.7	9
1898	Extrachromosomal Circular DNAs: Origin, formation and emerging function in Cancer. <i>International Journal of Biological Sciences</i> , 2021, 17, 1010-1025.	2.6	27
1899	TLR9 in MAFLD and NASH: At the Intersection of Inflammation and Metabolism. <i>Frontiers in Endocrinology</i> , 2020, 11, 613639.	1.5	21
1900	Hemorrhagic Shock Induces a Rapid Transcriptomic Shift of the Immune Balance in Leukocytes after Experimental Multiple Injury. <i>Mediators of Inflammation</i> , 2021, 2021, 1-9.	1.4	4
1901	The Decellularization of Tissues. , 2021, , 69-114.		0
1902	Pro-Resolving FPR2 Agonists Regulate NADPH Oxidase-Dependent Phosphorylation of HSP27, OSR1, and MARCKS and Activation of the Respective Upstream Kinases. <i>Antioxidants</i> , 2021, 10, 134.	2.2	15
1903	ANKRD22 Drives Rapid Proliferation of Lgr5+ Cells and Acts as a Promising Therapeutic Target in Gastric Mucosal Injury. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1433-1455.	2.3	9
1904	Purification of Functional Platelet Mitochondria Using a Discontinuous Percoll Gradient. <i>Methods in Molecular Biology</i> , 2021, 2276, 57-66.	0.4	3
1905	Viability Assessment in Liver Transplantation—What Is the Impact of Dynamic Organ Preservation?. <i>Biomedicine</i> , 2021, 9, 161.	1.4	47
1906	Sirt1 and Sirt3 Activation Improved Cardiac Function of Diabetic Rats via Modulation of Mitochondrial Function. <i>Antioxidants</i> , 2021, 10, 338.	2.2	12

#	ARTICLE	IF	CITATIONS
1907	The Role of Nucleases and Nucleic Acid Editing Enzymes in the Regulation of Self-Nucleic Acid Sensing. <i>Frontiers in Immunology</i> , 2021, 12, 629922.	2.2	18
1908	Do Mitochondrial DNA Mutations Play a Key Role in the Chronification of Sterile Inflammation? Special Focus on Atherosclerosis. <i>Current Pharmaceutical Design</i> , 2021, 27, 276-292.	0.9	5
1909	Monocyte/Macrophage Lineage Cells From Fetal Erythromyeloid Progenitors Orchestrate Bone Remodeling and Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 622035.	1.8	29
1910	A post-preservation vascular flush removes significant populations of donor leukocytes prior to lung transplantation. <i>Transplant Immunology</i> , 2021, 64, 101356.	0.6	0
1911	Broader Insights into Understanding Tumor Necrosis Factor and Neurodegenerative Disease Pathogenesis Infer New Therapeutic Approaches. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 931-948.	1.2	15
1912	Genome-wide landscape of mRNAs, microRNAs, lncRNAs, and circRNAs in hemorrhagic shock-induced ALI/ARDS in rats. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 827-837.	1.1	4
1913	Intercellular mitochondrial transfer as a means of tissue revitalization. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 65.	7.1	137
1914	From wound response to repair – lessons from <i>C. elegans</i> . <i>Cell Regeneration</i> , 2021, 10, 5.	1.1	9
1916	Stem cell-derived mitochondria transplantation: A promising therapy for mitochondrial encephalomyopathy. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 733-742.	1.9	19
1917	The Dynamic Inflammatory Tissue Microenvironment: Signaling and Disease Therapy by Biomaterials. <i>Research</i> , 2021, 2021, 4189516.	2.8	35
1918	Cyclophilin D-dependent mitochondrial permeability transition amplifies inflammatory reprogramming in endotoxemia. <i>FEBS Open Bio</i> , 2021, 11, 684-704.	1.0	10
1919	Untangling Local Pro-Inflammatory, Reparative, and Regulatory Damage-Associated Molecular-Patterns (DAMPs) Pathways to Improve Transplant Outcomes. <i>Frontiers in Immunology</i> , 2021, 12, 611910.	2.2	14
1921	Plasma mitochondrial DNA levels are associated with acute lung injury and mortality in septic patients. <i>BMC Pulmonary Medicine</i> , 2021, 21, 66.	0.8	12
1922	Empowering Cardiac Cells via Stem Cell Derived Mitochondrial Transplantation- Does Age Matter?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1824.	1.8	3
1923	Organic dust exposure induces stress response and mitochondrial dysfunction in monocytic cells. <i>Histochemistry and Cell Biology</i> , 2021, 155, 699-718.	0.8	2
1924	Deoxyribonuclease activity negative correlates with extracellular DNA in uncomplicated singleton pregnancies in the third trimester. <i>Journal of Perinatal Medicine</i> , 2021, 49, 755-758.	0.6	1
1925	Immunomodulatory biomaterials and their application in therapies for chronic inflammation-related diseases. <i>Acta Biomaterialia</i> , 2021, 123, 1-30.	4.1	72
1926	Roles of neutrophil granule proteins in orchestrating inflammation and immunity. <i>FEBS Journal</i> , 2022, 289, 3932-3953.	2.2	40

#	ARTICLE	IF	CITATIONS
1927	From Mitochondria to Atherosclerosis: The Inflammation Path. <i>Biomedicines</i> , 2021, 9, 258.	1.4	32
1928	Role of mitochondria in liver metabolic health and diseases. <i>Cell Calcium</i> , 2021, 94, 102336.	1.1	55
1929	Donor plasma mitochondrial DNA is associated with antibody-mediated rejection in renal allograft recipients. <i>Aging</i> , 2021, 13, 8440-8453.	1.4	4
1930	National Institutes of Health Consensus Development Project on Criteria for Clinical Trials in Chronic Graft-versus-Host Disease: I. The 2020 Etiology and Prevention Working Group Report. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 452-466.	0.6	24
1931	Proteomics characterization of mitochondrial-derived vesicles under oxidative stress. <i>FASEB Journal</i> , 2021, 35, e21278.	0.2	36
1932	Neutrophil in Reverse Migration: Role in Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 656039.	2.2	18
1933	The Role of Mitochondria in Immune-Cell-Mediated Tissue Regeneration and Ageing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2668.	1.8	22
1934	Macrophage phenotypes in tissue repair and the foreign body response: Implications for biomaterial-based regenerative medicine strategies. <i>Acta Biomaterialia</i> , 2021, 133, 4-16.	4.1	146
1935	Selective packaging of mitochondrial proteins into extracellular vesicles prevents the release of mitochondrial DAMPs. <i>Nature Communications</i> , 2021, 12, 1971.	5.8	142
1936	The Interaction of Diet and Mitochondrial Dysfunction in Aging and Cognition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3574.	1.8	17
1937	Probing the Interface of HIV and Inflammaging. <i>Current HIV/AIDS Reports</i> , 2021, 18, 198-210.	1.1	18
1938	Bioinformatic analysis reveals possible molecular mechanism of PXR on regulating ulcerative colitis. <i>Scientific Reports</i> , 2021, 11, 5428.	1.6	3
1939	Alarming Cargo: The Role of Exosomes in Trauma-Induced Inflammation. <i>Biomolecules</i> , 2021, 11, 522.	1.8	18
1940	<i>Candida</i> pathogens induce protective mitochondria-associated type I interferon signalling and a damage-driven response in vaginal epithelial cells. <i>Nature Microbiology</i> , 2021, 6, 643-657.	5.9	49
1941	Mitochondria and early-life adversity. <i>Mitochondrion</i> , 2021, 57, 213-221.	1.6	29
1942	The role of metabolism in chondrocyte dysfunction and the progression of osteoarthritis. <i>Ageing Research Reviews</i> , 2021, 66, 101249.	5.0	257
1943	Reconstruction of functional uterine tissues through recellularizing the decellularized rat uterine scaffolds by MSCs in vivo and in vitro. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 035023.	1.7	17
1944	Alzheimer's Disease Pathogenesis: Role of Autophagy and Mitophagy Focusing in Microglia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3330.	1.8	71

#	ARTICLE	IF	CITATIONS
1945	Surgical Site Infections and Perioperative Optimization of Host Immunity by Selection of Anesthetics. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	2
1946	Regulation of Inflammation and Oxidative Stress by Formyl Peptide Receptors in Cardiovascular Disease Progression. <i>Life</i> , 2021, 11, 243.	1.1	16
1947	Deep immune profiling of whole blood to identify early immune signatures that correlate to patient outcome after major trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 959-966.	1.1	1
1948	Mitochondrial reactive zones in antiviral innate immunity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129839.	1.1	8
1949	Dooming Phagocyte Responses: Inflammatory Effects of Endogenous Oxidized Phospholipids. <i>Frontiers in Endocrinology</i> , 2021, 12, 626842.	1.5	18
1950	Effects of Hyperoxia on Mitochondrial Homeostasis: Are Mitochondria the Hub for Bronchopulmonary Dysplasia?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642717.	1.8	15
1951	Nanocatalytic Innate Immunity Activation by Mitochondrial DNA Oxidative Damage for Tumor-Specific Therapy. <i>Advanced Materials</i> , 2021, 33, e2008065.	11.1	78
1952	Inflammaging and the Skin. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1087-1095.	0.3	87
1953	An update on the regulatory mechanisms of NLRP3 inflammasome activation. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1141-1160.	4.8	302
1954	Circulating mitochondrial N-formyl peptides contribute to secondary nosocomial infection in patients with septic shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19
1955	Association of cell free mitochondrial DNA and caspase-1 expression with disease severity and ARTs efficacy in HIV infection. <i>Molecular Biology Reports</i> , 2021, 48, 3327-3336.	1.0	4
1956	Incidence, Risk Factors, and Attributable Mortality of Catheter-Related Bloodstream Infections in the Intensive Care Unit After Suspected Catheters Infection: A Retrospective 10-year Cohort Study. <i>Infectious Diseases and Therapy</i> , 2021, 10, 985-999.	1.8	16
1957	The Role of Formyl Peptide Receptors in Permanent and Low-Grade Inflammation: Helicobacter pylori Infection as a Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3706.	1.8	9
1958	Chronic Inhibition of Toll-Like Receptor 9 Ameliorates Pulmonary Hypertension in Rats. <i>Journal of the American Heart Association</i> , 2021, 10, e019247.	1.6	15
1959	Targeting Toll-Like Receptors in Sepsis: From Bench to Clinical Trials. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1324-1339.	2.5	23
1960	Pregnancy-Related Extracellular Vesicles Revisited. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3904.	1.8	24
1961	Capsaicin protects cardiomyocytes against lipopolysaccharide-induced damage via 14-3-3 β -mediated autophagy augmentation. <i>Frontiers in Pharmacology</i> , 2021, 12, 659015.	1.6	25
1962	Looking Back to the Future of Mitochondrial Research. <i>Frontiers in Physiology</i> , 2021, 12, 682467.	1.3	1

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1963	Molecular routes to sarcopenia and biomarker development: per aspera ad astra. <i>Current Opinion in Pharmacology</i> , 2021, 57, 140-147.	1.7	12
1964	Oxidized mitochondrial DNA released after inflammasome activation is a disease biomarker for myelodysplastic syndromes. <i>Blood Advances</i> , 2021, 5, 2216-2228.	2.5	24
1966	Impaired Mitochondrial Function in iPSC-Retinal Pigment Epithelium with the Complement Factor H Polymorphism for Age-Related Macular Degeneration. <i>Cells</i> , 2021, 10, 789.	1.8	28
1967	Vasopressors in Trauma: A Never Event?. <i>Anesthesia and Analgesia</i> , 2021, 133, 68-79.	1.1	18
1968	Reduction of host cell mitochondrial activity as <i>Mycobacterium leprae</i> 's strategy to evade host innate immunity. <i>Immunological Reviews</i> , 2021, 301, 193-208.	2.8	18
1969	Mitocryptide-2: Identification of Its Minimum Structure for Specific Activation of FPR2—Possible Receptor Switching from FPR2 to FPR1 by Its Physiological C-terminal Cleavages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4084.	1.8	6
1970	Dynamic Change of Lymphocyte-to-Monocyte Is Associated With the Occurrence of POCD After Cardiovascular Surgery: A Prospective Observational Study. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 646528.	1.0	6
1971	The Contribution of Microglia to Neuroinflammation in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4676.	1.8	114
1972	Mitochondrial dysfunction and mitochondrion-targeted therapeutics in liver diseases. <i>Journal of Drug Targeting</i> , 2021, 29, 1080-1093.	2.1	13
1973	Remodeling of Mitochondrial Plasticity: The Key Switch from NAFLD/NASH to HCC. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4173.	1.8	23
1974	Pathophysiology and Treatment Strategies of Acute Myopathy and Muscle Wasting after Sepsis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1874.	1.0	11
1975	Mitochondria Donation by Mesenchymal Stem Cells: Current Understanding and Mitochondria Transplantation Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 653322.	1.8	54
1976	Microvesicles released from pneumolysin-stimulated lung epithelial cells carry mitochondrial cargo and suppress neutrophil oxidative burst. <i>Scientific Reports</i> , 2021, 11, 9529.	1.6	11
1977	Novel Insights into the Molecular Mechanisms of Ischemia/Reperfusion Injury in Kidney Transplantation. <i>Transplantation</i> , 2021, 2, 191-207.	0.3	4
1978	Mitochondrial N-formyl methionine peptides associate with disease activity as well as contribute to neutrophil activation in patients with rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2021, 119, 102630.	3.0	23
1979	Pilot Screening of Cell-Free mtDNA in NIPT: Quality Control, Variant Calling, and Haplogroup Determination. <i>Genes</i> , 2021, 12, 743.	1.0	6
1980	Mitochondria-cytokine crosstalk following skeletal muscle injury and disuse: a mini-review. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C681-C688.	2.1	30
1981	Pericardial Mitochondrial DNA Levels Are Associated With Atrial Fibrillation After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1593-1600.	0.7	10

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1982	The diversity and coexistence of extracellular mitochondria in circulation: A friend or foe of the immune system. <i>Mitochondrion</i> , 2021, 58, 270-284.	1.6	26
1983	Disseminated intravascular coagulation immediately after trauma predicts a poor prognosis in severely injured patients. <i>Scientific Reports</i> , 2021, 11, 11031.	1.6	13
1984	Neutrophil extracellular trap-associated molecules: a review on their immunophysiological and inflammatory roles. <i>International Reviews of Immunology</i> , 2022, 41, 253-274.	1.5	13
1985	Host Response to Biomaterials for Cartilage Tissue Engineering: Key to Remodeling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 664592.	2.0	38
1986	Sterile Injury Repair and Adhesion Formation at Serosal Surfaces. <i>Frontiers in Immunology</i> , 2021, 12, 684967.	2.2	16
1987	Mitochondrial metabolism and calcium homeostasis in the development of NAFLD leading to hepatocellular carcinoma. <i>Mitochondrion</i> , 2021, 58, 24-37.	1.6	12
1988	Trauma-induced lung injury is associated with infiltration of activated TLR expressing myeloid cells. <i>Cytokine</i> , 2021, 141, 155457.	1.4	4
1989	Mitochondria-targeted antioxidant MitoQ ameliorates ischaemiaâ€reperfusion injury in kidney transplantation models. <i>British Journal of Surgery</i> , 2021, 108, 1072-1081.	0.1	15
1990	Surfactant-Free Decellularization of Porcine Aortic Tissue by Subcritical Dimethyl Ether. <i>ACS Omega</i> , 2021, 6, 13417-13425.	1.6	15
1991	Role of Mitochondria-Derived Danger Signals Released After Injury in Systemic Inflammation and Sepsis. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1273-1290.	2.5	23
1992	Radiotherapy and Cytokine Storm: Risk and Mechanism. <i>Frontiers in Oncology</i> , 2021, 11, 670464.	1.3	21
1993	Interferon regulatory factor 7 impairs cellular metabolism with age in adipose-derived stromal cells. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	5
1994	Altered lung metabolism and mitochondrial DAMPs in lung injury due to acute kidney injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L821-L831.	1.3	32
1995	NOD-Like Receptors: Guards of Cellular Homeostasis Perturbation during Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6714.	1.8	12
1996	Evaluation of <i>Pseudomonas aeruginosa</i> pathogenesis and therapeutics in militaryâ€relevant animal infection models. <i>Apmis</i> , 2022, 130, 436-457.	0.9	16
1997	cGAS knockdown promotes microglial M2 polarization to alleviate neuroinflammation by inhibiting cGAS-STING signaling pathway in cerebral ischemic stroke. <i>Brain Research Bulletin</i> , 2021, 171, 183-195.	1.4	47
1998	Protective effects of farnesyltransferase inhibitor on sepsis-induced morphological aberrations of mitochondria in muscle and increased circulating mitochondrial DNA levels in mice. <i>Biochemical and Biophysical Research Communications</i> , 2021, 556, 93-98.	1.0	5
1999	The Influence of Mitochondrial Dynamics and Function on Retinal Ganglion Cell Susceptibility in Optic Nerve Disease. <i>Cells</i> , 2021, 10, 1593.	1.8	23

#	ARTICLE	IF	CITATIONS
2000	Hallmarks of aging and immunosenescence: Connecting the dots. <i>Cytokine and Growth Factor Reviews</i> , 2021, 59, 9-21.	3.2	69
2001	Antifibrotics Modify B-Cell-induced Fibroblast Migration and Activation in Patients with Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 722-733.	1.4	26
2002	Neutrophils and COVID-19: Active Participants and Rational Therapeutic Targets. <i>Frontiers in Immunology</i> , 2021, 12, 680134.	2.2	54
2003	Aberrant activation of the complement system in renal grafts is mediated by cold storage. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F1174-F1190.	1.3	3
2004	Inflammation, epigenetics, and metabolism converge to cell senescence and ageing: the regulation and intervention. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 245.	7.1	119
2005	Cold Atmospheric Plasma Promotes the Immunoreactivity of Granulocytes In Vitro. <i>Biomolecules</i> , 2021, 11, 902.	1.8	12
2006	Crystalline silica induces macrophage necrosis and causes subsequent acute pulmonary neutrophilic inflammation. <i>Cell Biology and Toxicology</i> , 2022, 38, 591-609.	2.4	6
2007	Flavonoids and cellular stress: a complex interplay affecting human health. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 8535-8566.	5.4	10
2008	Evidence for the Role of Mitochondrial DNA Release in the Inflammatory Response in Neurological Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7030.	1.8	38
2009	Circulating Mitochondrial DNA Stimulates Innate Immune Signaling Pathways to Mediate Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2021, 12, 680648.	2.2	21
2010	Mitochondrial DNA-Mediated Inflammation in Acute Kidney Injury and Chronic Kidney Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	25
2011	The Role of DAMPS in Burns and Hemorrhagic Shock Immune Response: Pathophysiology and Clinical Issues. Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7020.	1.8	17
2012	Targeting whole body metabolism and mitochondrial bioenergetics in the drug development for Alzheimer's disease. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 511-531.	5.7	26
2013	Metabolism and Innate Immunity Meet at the Mitochondria. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 720490.	1.8	43
2014	Alda-1 treatment promotes the therapeutic effect of mitochondrial transplantation for myocardial ischemia-reperfusion injury. <i>Bioactive Materials</i> , 2021, 6, 2058-2069.	8.6	28
2015	The multifactorial mechanisms of bacterial infection in decompensated cirrhosis. <i>Journal of Hepatology</i> , 2021, 75, S82-S100.	1.8	37
2016	Comprehensive Mechanism, Novel Markers and Multidisciplinary Treatment of Severe Acute Pancreatitis-Associated Cardiac Injury – A Narrative Review. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3145-3169.	1.6	17
2017	TSPAN1 silencing protects against cerulein-induced pancreatic acinar cell injury via targeting AGR2. <i>Drug Development Research</i> , 2021, , .	1.4	1

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2018	Attenuation of ventilator-induced lung injury through suppressing the pro-inflammatory signaling pathways: A review on preclinical studies. <i>Molecular Immunology</i> , 2021, 135, 127-136.	1.0	10
2019	Hemorrhagic shock and hemostatic resuscitation in canine trauma. <i>Transfusion</i> , 2021, 61, S264-S274.	0.8	1
2020	Circulating extracellular DNA is in association with continuous metabolic syndrome score in healthy adolescents. <i>Physiological Genomics</i> , 2021, 53, 309-318.	1.0	6
2021	STING1 in sepsis: Mechanisms, functions, and implications. <i>Chinese Journal of Traumatology - English Edition</i> , 2022, 25, 1-10.	0.7	13
2022	Breaking boundaries: exploring short- and long-distance mitochondrial signalling in plants. <i>New Phytologist</i> , 2021, 232, 494-501.	3.5	8
2023	Stress and circulating cell-free mitochondrial DNA: A systematic review of human studies, physiological considerations, and technical recommendations. <i>Mitochondrion</i> , 2021, 59, 225-245.	1.6	78
2024	Reduced Cell-Free Mitochondrial DNA Levels Were Induced by Antipsychotics Treatment in First-Episode Patients With Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 652314.	1.3	4
2025	Enzymatic Delivery of Magnetic Nanoparticles into Mitochondria of Live Cells. <i>ChemNanoMat</i> , 2021, 7, 1104-1107.	1.5	10
2026	Novel Insights and Current Evidence for Mechanisms of Atherosclerosis: Mitochondrial Dynamics as a Potential Therapeutic Target. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673839.	1.8	28
2027	MODERN VIEWS ON THE ROLE OF NEUTROPHILS IN THE IMMUNE RESPONSE. <i>Fiziologichnyi Zhurnal (Kiev.)</i> Tj ETQg1 1 0.784314 rgB7	0.1	2
2028	Retention of ⁶⁴ Cu-FLFLF, a Formyl Peptide Receptor 1-Specific PET Probe, Correlates with Macrophage and Neutrophil Abundance in Lung Granulomas from Cynomolgus Macaques. <i>ACS Infectious Diseases</i> , 2021, 7, 2264-2276.	1.8	7
2029	Platelet activation by charged ligands and nanoparticles: platelet glycoprotein receptors as pattern recognition receptors. <i>Platelets</i> , 2021, 32, 1018-1030.	1.1	11
2030	Metabolomics analysis of the effects of quercetin on hepatotoxicity induced by acrylamide exposure in rats. <i>Free Radical Research</i> , 2021, 55, 831-841.	1.5	4
2031	The role of mitophagy in pulmonary sepsis. <i>Mitochondrion</i> , 2021, 59, 63-75.	1.6	25
2032	Circulating cell-free mitochondrial DNA in brain health and disease: A systematic review and meta-analysis. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 87-102.	1.3	13
2033	Toll-Like Receptor 9-Mediated Neuronal Innate Immune Reaction Is Associated with Initiating a Pro-Regenerative State in Neurons of the Dorsal Root Ganglia Non-Associated with Sciatic Nerve Lesion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7446.	1.8	8
2034	Pathophysiology of decompensated cirrhosis: Portal hypertension, circulatory dysfunction, inflammation, metabolism and mitochondrial dysfunction. <i>Journal of Hepatology</i> , 2021, 75, S49-S66.	1.8	146
2035	The molecular mechanism of acute liver injury and inflammatory response induced by Concanavalin A. <i>Molecular Biomedicine</i> , 2021, 2, 24.	1.7	11

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2036	Prognostic significance of peritoneal dialysis effluent mitochondrial DNA level. <i>Clinica Chimica Acta</i> , 2021, 519, 1-9.	0.5	1
2037	Fibrometabolism—An emerging therapeutic frontier in pulmonary fibrosis. <i>Science Signaling</i> , 2021, 14, .	1.6	31
2038	Formyl peptide receptor 1 signaling potentiates inflammatory brain injury. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	32
2039	Compromised mitochondrial quality control triggers lipin1-related rhabdomyolysis. <i>Cell Reports Medicine</i> , 2021, 2, 100370.	3.3	11
2040	Potential protective mechanisms of green tea polyphenol EGCG against COVID-19. <i>Trends in Food Science and Technology</i> , 2021, 114, 11-24.	7.8	96
2041	Longitudinal tracking of neuronal mitochondria delineates PINK1/Parkin-dependent mechanisms of mitochondrial recycling and degradation. <i>Science Advances</i> , 2021, 7, .	4.7	13
2042	Surfactant-free preparation of an ostrich carotid artery scaffold using liquefied dimethyl ether and DNase. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103280.	2.3	5
2043	The Nexus of cfDNA and Nuclease Biology. <i>Trends in Genetics</i> , 2021, 37, 758-770.	2.9	66
2044	Pathophysiological Implication of Pattern Recognition Receptors in Fetal Membranes Rupture: RAGE and NLRP Inflammasome. <i>Biomedicines</i> , 2021, 9, 1123.	1.4	5
2045	Dysfunctional mitochondria as critical players in the inflammation of autoimmune diseases: Potential role in Sjögren's syndrome. <i>Autoimmunity Reviews</i> , 2021, 20, 102867.	2.5	73
2046	The Role of Non-Immune Cell-Derived Extracellular Vesicles in Allergy. <i>Frontiers in Immunology</i> , 2021, 12, 702381.	2.2	11
2048	Aging: All roads lead to mitochondria. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 160-168.	2.3	37
2049	Mitochondrial Fragmentation Triggers Ineffective Hematopoiesis in Myelodysplastic Syndromes. <i>Cancer Discovery</i> , 2022, 12, 250-269.	7.7	14
2050	Mitochondria Can Cross Cell Boundaries: An Overview of the Biological Relevance, Pathophysiological Implications and Therapeutic Perspectives of Intercellular Mitochondrial Transfer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8312.	1.8	61
2051	Epigallocatechin Gallate Prevents Burn Wound Progression Through Inhibiting Mitochondrial DNA-Induced Inflammation. <i>Indian Journal of Surgery</i> , 0, , 1.	0.2	0
2052	Mitochondrial scp RNA, a new trigger of the innate immune system. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1690.	3.2	6
2053	Scratching the Surface. <i>Advances in Anesthesia</i> , 2021, 39, 35-51.	0.5	5
2055	The Role of Formyl Peptide Receptors in Neurological Diseases via Regulating Inflammation. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 753832.	1.8	11

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2057	Analysis of cf-mtDNA and cf-nDNA fragment size distribution using different isolation methods in BV-2 cell supernatant of starvation-induced autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1869, 119147.	1.9	1
2058	Targeting Mitochondria and Metabolism in Acute Kidney Injury. <i>Journal of Clinical Medicine</i> , 2021, 10, 3991.	1.0	19
2059	Combat Doxorubicin Cardiotoxicity With the Power of Mitochondria Transfer. <i>JACC: CardioOncology</i> , 2021, 3, 441-443.	1.7	5
2060	Elevated levels of circulating mitochondrial DNA predict early allograft dysfunction in patients following liver transplantation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 3500-3507.	1.4	8
2061	Therapeutic Potential of Mesenchymal Stromal Cell-Derived Extracellular Vesicles in the Prevention of Organ Injuries Induced by Traumatic Hemorrhagic Shock. <i>Frontiers in Immunology</i> , 2021, 12, 749659.	2.2	10
2062	Monomeric C-reactive protein promotes platelets to release mitochondrial DNA in anti-neutrophil cytoplasmic antibody-associated vasculitis. <i>Molecular Immunology</i> , 2021, 137, 228-237.	1.0	5
2063	An Adipose-Derived Injectable Sustained-Release Collagen Scaffold of Adipokines Prepared Through a Fast Mechanical Processing Technique for Preventing Skin Photoaging in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 722427.	1.8	7
2064	Laparoscopy in Emergency: Why Not? Advantages of Laparoscopy in Major Emergency: A Review. <i>Life</i> , 2021, 11, 917.	1.1	4
2065	Trauma-induced heme release increases susceptibility to bacterial infection. <i>JCI Insight</i> , 2021, 6, .	2.3	13
2066	Glaucoma and neuroinflammation: An overview. <i>Survey of Ophthalmology</i> , 2021, 66, 693-713.	1.7	30
2067	Whole-Blood Mitochondrial DNA Copies Are Associated With the Prognosis of Acute Respiratory Distress Syndrome After Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 737369.	2.2	6
2068	Inflammatory Molecular Mediators and Pathways Involved in Vascular Aging and Stroke: A Comprehensive Review. <i>Current Medicinal Chemistry</i> , 2022, 29, 5522-5542.	1.2	3
2069	Mitochondrial transplantation in cardiomyocytes: foundation, methods, and outcomes. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C489-C503.	2.1	21
2070	Mitochondrial DNA and Exercise: Implications for Health and Injuries in Sports. <i>Cells</i> , 2021, 10, 2575.	1.8	10
2071	Using PAMPs and DAMPs as adjuvants in cancer vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2024, 17, 5546-5557.	1.4	16
2072	Astrocytes, a Promising Opportunity to Control the Progress of Parkinson's Disease. <i>Biomedicines</i> , 2021, 9, 1341.	1.4	4
2073	Platelet functional responses and signalling: the molecular relationship. Part 2: receptors.. <i>Systems Biology and Physiology Reports</i> , 2021, 1, 13-30.	0.4	4
2074	Mitophagy in depression: Pathophysiology and treatment targets. <i>Mitochondrion</i> , 2021, 61, 1-10.	1.6	23

#	ARTICLE	IF	CITATIONS
2075	Treprostinil alleviates hepatic mitochondrial injury during rat renal ischemia-reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112172.	2.5	8
2076	Biologic and pathologic aspects of osteocytes in the setting of medication-related osteonecrosis of the jaw (MRONJ). <i>Bone</i> , 2021, 153, 116168.	1.4	22
2077	Early Elevation of Cell-free DNA After Acute Mesenteric Ischemia in Rats. <i>Journal of Surgical Research</i> , 2022, 269, 28-35.	0.8	0
2078	Postoperative Cognitive Dysfunction and Delirium. , 2022, , 613-627.		0
2079	The Inflammatory Response to Surgery. , 2022, , 9-15.		0
2080	Traumatic injury is associated with reduced deoxyribonuclease activity and dysregulation of the actin scavenging system. <i>Burns and Trauma</i> , 2021, 9, trab001.	2.3	17
2081	The Decellularization of Whole Organs. , 2021, , 253-311.		1
2082	Biomaterials and immunomodulation for spinal cord repair. , 2021, , 119-138.		0
2083	Listeria monocytogenes upregulates mitochondrial calcium signalling to inhibit LC3-associated phagocytosis as a survival strategy. <i>Nature Microbiology</i> , 2021, 6, 366-379.	5.9	33
2084	A Systemic Storm in Critically Injured Humans Revealed by Longitudinal Multi-Omics. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2085	Lipidomics of aging. , 2021, , 391-404.		2
2086	Postoperative Rise of Circulating Mitochondrial DNA Is Associated with Inflammatory Response in Patients following Pancreaticoduodenectomy. <i>European Surgical Research</i> , 2021, 62, 18-24.	0.6	5
2087	Aging of immune system. , 2021, , 113-128.		1
2088	TLR9 and COVID-19: A Multidisciplinary Theory of a Multifaceted Therapeutic Target. <i>Frontiers in Pharmacology</i> , 2020, 11, 601685.	1.6	48
2089	Psychoneuroimmunology: The Experiential Dimension. <i>Methods in Molecular Biology</i> , 2012, 934, 21-37.	0.4	13
2090	Neutrophils, Inflammation, and Innate Immunity in Trauma-Induced Coagulopathy. , 2016, , 149-165.		1
2092	Response to Major Injury. , 2017, , 33-39.		1
2093	Organ Preservation, Ischemia Reperfusion Injury, and Nanotherapeutics in Transplantation. , 2017, , 151-179.		1

#	ARTICLE	IF	CITATIONS
2094	Inflamaging. , 2018, , 1-31.		4
2095	Systemic Inflammatory Response Syndrome (SIRS), Sepsis und Multiorganversagen. , 2012, , 1578-1592.		1
2096	Innate Immunity Under Conditions of Space Flight. , 2012, , 141-153.		4
2097	Tumor-Associated Neutrophils. , 2013, , 479-501.		3
2098	Mechanistic Biomarkers in Liver Diseases. Biomarkers in Disease, 2017, , 71-97.	0.0	2
2099	Mechanistic Biomarkers in Liver Diseases. Exposure and Health, 2016, , 1-27.	2.8	1
2100	The New Antigenic Ecospace of the Globalized World and its Impact on the Immune System: The Battleground of Trade-off and Antagonistic Pleiotropy. , 2014, , 125-144.		2
2101	Oxidative Stress-Induced Mitochondrial Dysfunction and Asthma. , 2020, , 141-160.		1
2102	Mitonuclear genomics and aging. Human Genetics, 2020, 139, 381-399.	1.8	33
2103	Role of Hemichannels in CNS Inflammation and the Inflammasome Pathway. Advances in Protein Chemistry and Structural Biology, 2016, 104, 1-37.	1.0	65
2104	Mitochondria, the gut microbiome and ROS. Cellular Signalling, 2020, 75, 109737.	1.7	65
2105	Extracellular DNA in blood products and its potential effects on transfusion. Bioscience Reports, 2020, 40, .	1.1	8
2106	Impact of pharmacological agents on mitochondrial function: a growing opportunity?. Biochemical Society Transactions, 2019, 47, 1757-1772.	1.6	31
2107	Innate Immune Dysfunction in Trauma Patients. Anesthesiology, 2012, 117, 411-416.	1.3	46
2108	Modeling Acute Traumatic Hemorrhagic Shock Injury: Challenges and Guidelines for Preclinical Studies. Shock, 2017, 48, 610-623.	1.0	25
2109	Succinate Activation of SUCNR1 Predisposes Severely Injured Patients to Neutrophil-mediated ARDS. Annals of Surgery, 2022, 276, e944-e954.	2.1	21
2110	Intratracheal instillation of neutrophils rescues bacterial overgrowth initiated by trauma damage-associated molecular patterns. Journal of Trauma and Acute Care Surgery, 2017, 82, 853-860.	1.1	11
2111	Persistent metabolomic alterations characterize chronic critical illness after severe trauma. Journal of Trauma and Acute Care Surgery, 2021, 90, 35-45.	1.1	18

#	ARTICLE	IF	CITATIONS
2112	Assessment of the interaction effect between injury regions in multiple injuries: A nationwide cohort study in Japan. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 185-190.	1.1	7
2117	New insights into allergic transfusion reactions and their causal relationships, pathogenesis, and prevention. <i>Transfusion</i> , 2020, 60, 1590-1601.	0.8	6
2118	Nonphosphorylating Oxidation in Mitochondria and Related Processes. <i>Biochemistry (Moscow)</i> , 2020, 85, 1570-1577.	0.7	7
2119	Chronology of mitochondrial and cellular events during skeletal muscle ischemia-reperfusion. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C968-C982.	2.1	89
2120	Circulating mitochondria in deceased organ donors are associated with immune activation and early allograft dysfunction. <i>JCI Insight</i> , 2018, 3, .	2.3	62
2121	Mitochondrial DNA-enriched microparticles promote acute-on-chronic alcoholic neutrophilia and hepatotoxicity. <i>JCI Insight</i> , 2017, 2, .	2.3	76
2122	The role of mitochondria in aging. <i>Journal of Clinical Investigation</i> , 2018, 128, 3662-3670.	3.9	269
2123	Mitochondrial fidelity and metabolic agility control immune cell fate and function. <i>Journal of Clinical Investigation</i> , 2018, 128, 3651-3661.	3.9	32
2124	Mitochondrial dysfunction in pathophysiology of heart failure. <i>Journal of Clinical Investigation</i> , 2018, 128, 3716-3726.	3.9	498
2125	Immunometabolism of pro-repair cells. <i>Journal of Clinical Investigation</i> , 2019, 129, 2597-2607.	3.9	30
2126	More friend than foe: the emerging role of neutrophils in tissue repair. <i>Journal of Clinical Investigation</i> , 2019, 129, 2629-2639.	3.9	200
2127	Osteocyte necrosis triggers osteoclast-mediated bone loss through macrophage-inducible C-type lectin. <i>Journal of Clinical Investigation</i> , 2020, 130, 4811-4830.	3.9	93
2128	The mechanism underlying acetaminophen-induced hepatotoxicity in humans and mice involves mitochondrial damage and nuclear DNA fragmentation. <i>Journal of Clinical Investigation</i> , 2012, 122, 1574-1583.	3.9	609
2129	A mitochondrial bioenergetic etiology of disease. <i>Journal of Clinical Investigation</i> , 2013, 123, 1405-1412.	3.9	261
2130	PINK1 deficiency impairs mitochondrial homeostasis and promotes lung fibrosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 521-538.	3.9	431
2131	Heparan sulfate mimetic PG545-mediated antilymphoma effects require TLR9-dependent NK cell activation. <i>Journal of Clinical Investigation</i> , 2015, 126, 207-219.	3.9	56
2132	Fasting and refeeding differentially regulate NLRP3 inflammasome activation in human subjects. <i>Journal of Clinical Investigation</i> , 2015, 125, 4592-4600.	3.9	135
2133	Hepatocyte mitochondrial DNA drives nonalcoholic steatohepatitis by activation of TLR9. <i>Journal of Clinical Investigation</i> , 2016, 126, 859-864.	3.9	377

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2135	Epigallocatechin Gallate Attenuates Hip Fracture-Induced Acute Lung Injury by Limiting Mitochondrial DNA (mtDNA) Release. <i>Medical Science Monitor</i> , 2017, 23, 3367-3372.	0.5	6
2136	Mitochondrial Dysfunction Secondary to Endoplasmic Reticulum Stress in Acute Myocardial Ischemic Injury in Rats. <i>Medical Science Monitor</i> , 2020, 26, e923124.	0.5	3
2137	Dissecting Inflammatory Complications in Critically Injured Patients by Within-Patient Gene Expression Changes: A Longitudinal Clinical Genomics Study. <i>PLoS Medicine</i> , 2011, 8, e1001093.	3.9	51
2138	Sepsis-Induced Cardiac Mitochondrial Dysfunction Involves Altered Mitochondrial-Localization of Tyrosine Kinase Src and Tyrosine Phosphatase SHP2. <i>PLoS ONE</i> , 2012, 7, e43424.	1.1	40
2139	Stimulated Human Mast Cells Secrete Mitochondrial Components That Have Autocrine and Paracrine Inflammatory Actions. <i>PLoS ONE</i> , 2012, 7, e49767.	1.1	94
2140	Lack of Evidence for mtDNA as a Biomarker of Innate Immune Activation in HIV Infection. <i>PLoS ONE</i> , 2012, 7, e50486.	1.1	14
2141	Mitochondrial DAMPs Increase Endothelial Permeability through Neutrophil Dependent and Independent Pathways. <i>PLoS ONE</i> , 2013, 8, e59989.	1.1	172
2142	TLR-2/TLR-4 TREM-1 Signaling Pathway Is Dispensable in Inflammatory Myeloid Cells during Sterile Kidney Injury. <i>PLoS ONE</i> , 2013, 8, e68640.	1.1	43
2143	Mitochondrial Transcription Factor A, an Endogenous Danger Signal, Promotes TNF α Release via RAGE- and TLR9-Responsive Plasmacytoid Dendritic Cells. <i>PLoS ONE</i> , 2013, 8, e72354.	1.1	75
2144	Aristolochic Acid Causes Albuminuria by Promoting Mitochondrial DNA Damage and Dysfunction in Podocyte. <i>PLoS ONE</i> , 2013, 8, e83408.	1.1	22
2145	Toll-Like Receptor 9 Signaling Delays Neutrophil Apoptosis by Increasing Transcription of Mcl-1. <i>PLoS ONE</i> , 2014, 9, e87006.	1.1	13
2146	Deficiency of Formyl Peptide Receptor 1 and 2 Is Associated with Increased Inflammation and Enhanced Liver Injury after LPS-Stimulation. <i>PLoS ONE</i> , 2014, 9, e100522.	1.1	32
2147	Toll-Like Receptor 9 Mediated Responses in Cardiac Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e104398.	1.1	16
2148	Formyl Peptide Receptor as a Novel Therapeutic Target for Anxiety-Related Disorders. <i>PLoS ONE</i> , 2014, 9, e114626.	1.1	31
2149	Anti-Inflammatory Effects of Secondary Metabolites of Marine <i>Pseudomonas</i> sp. in Human Neutrophils Are through Inhibiting P38 MAPK, JNK, and Calcium Pathways. <i>PLoS ONE</i> , 2014, 9, e114761.	1.1	16
2150	Pancreatic Stone Protein Predicts Postoperative Infection in Cardiac Surgery Patients Irrespective of Cardiopulmonary Bypass or Surgical Technique. <i>PLoS ONE</i> , 2015, 10, e0120276.	1.1	19
2151	Peripheral Blood Mitochondrial DNA as a Biomarker of Cerebral Mitochondrial Dysfunction following Traumatic Brain Injury in a Porcine Model. <i>PLoS ONE</i> , 2015, 10, e0130927.	1.1	38
2152	Mitochondrial ROS Induces Cardiac Inflammation via a Pathway through mtDNA Damage in a Pneumonia-Related Sepsis Model. <i>PLoS ONE</i> , 2015, 10, e0139416.	1.1	114

#	ARTICLE	IF	CITATIONS
2153	Mitochondrial Damage-Associated Molecular Patterns (MTDs) Are Released during Hepatic Ischemia Reperfusion and Induce Inflammatory Responses. PLoS ONE, 2015, 10, e0140105.	1.1	59
2154	Dermal β 1 T-Cells Can Be Activated by Mitochondrial Damage-Associated Molecular Patterns. PLoS ONE, 2016, 11, e0158993.	1.1	24
2155	KLHDC10 Deficiency Protects Mice against TNF α -Induced Systemic Inflammation. PLoS ONE, 2016, 11, e0163118.	1.1	6
2156	Endotheliopathy is associated with higher levels of cell-free DNA following major trauma: A prospective observational study. PLoS ONE, 2017, 12, e0189870.	1.1	33
2157	Chronic exposure to indoxacarb and pulmonary expression of toll-like receptor-9 in mice. Veterinary World, 2016, 9, 1282-1286.	0.7	6
2158	Release of mitochondrial DNA correlates with peak inflammatory cytokines in patients with acute myocardial infarction. Anatolian Journal of Cardiology, 2017, 17, 224-228.	0.5	26
2159	Autoimmunity gene <i>IRGM</i> suppresses <i>cGAS</i> and <i>STING</i> and <i>RIG</i> signaling to control interferon response. EMBO Reports, 2020, 21, e50051.	2.0	48
2160	Role of Triggering Receptor Expressed on Myeloid Cells in the Activation of Innate Immunity. Obshchaya Reanimatologiya, 2011, 7, 70.	0.2	1
2161	Mitochondrial and Nuclear DNA in Patients with Severe Polytrauma. Obshchaya Reanimatologiya, 2013, 9, 24.	0.2	11
2162	Immunogenetics of Parkinson's Disease. , 0, , 27-44.		3
2163	Emerging roles of mitochondria and autophagy in liver injury during sepsis. Cell Stress, 2017, 1, 79-89.	1.4	17
2164	The sensing of mitochondrial DAMPs by non-immune cells. Cell Stress, 2019, 3, 195-207.	1.4	70
2165	The impact of sterile inflammation in acute liver injury. Journal of Clinical and Translational Research, 2017, 3, 170-188.	0.3	66
2166	Gene expression changes in response to aging compared to heat stress, oxidative stress and ionizing radiation in <i>Drosophila melanogaster</i> . Aging, 2012, 4, 768-789.	1.4	116
2167	TLR9 signaling through NF- κ B/RELA and STAT3 promotes tumor-propagating potential of prostate cancer cells. Oncotarget, 2015, 6, 17302-17313.	0.8	53
2168	Predictive value of exosomes and their cargo in drug response/resistance of breast cancer patients. , 2020, 3, 63-82.		4
2169	Macrophage Immunometabolism and Inflammaging: Roles of Mitochondrial Dysfunction, Cellular Senescence, CD38, and NAD. Immunometabolism, 2020, 2, e200026.	0.7	33
2170	Failures of intensive treatment of multiple organ failure: pathophysiology and the need for personalization. Alexander Saltanov Intensive Care Herald, 2019, , 48-57.	0.2	8

#	ARTICLE	IF	CITATIONS
2171	Extrahepatic Targets and Cellular Reactivity of Drug Metabolites. <i>Current Medicinal Chemistry</i> , 2014, 22, 408-437.	1.2	9
2172	Advancing of Cellular Signaling Pathways in Respiratory Diseases Using Nanocarrier Based Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2020, 26, 5380-5392.	0.9	11
2173	Potential Therapeutic Benefits of Maintaining Mitochondrial Health in Peripheral Neuropathies. <i>Current Neuropharmacology</i> , 2016, 14, 593-609.	1.4	42
2174	Statins and the Brain: More than Lipid Lowering Agents?. <i>Current Neuropharmacology</i> , 2018, 17, 59-83.	1.4	71
2175	Mitochondria: A Connecting Link in the Major Depressive Disorder Jigsaw. <i>Current Neuropharmacology</i> , 2019, 17, 550-562.	1.4	29
2176	The Contribution of Formyl Peptide Receptor Dysfunction to the Course of Neuroinflammation: A Potential Role in the Brain Pathology. <i>Current Neuropharmacology</i> , 2020, 18, 229-249.	1.4	21
2177	Liver-lung axes in alcohol-related liver disease. <i>Clinical and Molecular Hepatology</i> , 2020, 26, 670-676.	4.5	9
2178	Role of Cardiac Macrophages on Cardiac Inflammation, Fibrosis and Tissue Repair. <i>Cells</i> , 2021, 10, 51.	1.8	159
2179	Immune-modulating therapy in acute pancreatitis: Fact or fiction. <i>World Journal of Gastroenterology</i> , 2014, 20, 15200.	1.4	23
2180	Mitochondrial DNA from hepatocytes as a ligand for TLR9: Drivers of nonalcoholic steatohepatitis?. <i>World Journal of Gastroenterology</i> , 2016, 22, 6965.	1.4	18
2181	Systemic inflammation in colorectal cancer: Underlying factors, effects, and prognostic significance. <i>World Journal of Gastroenterology</i> , 2019, 25, 4383-4404.	1.4	160
2182	Role of interferon regulatory factor-1 in lipopolysaccharide-induced mitochondrial damage and oxidative stress responses in macrophages. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1261-1269.	1.8	35
2183	Immunoregulation by lipids during the development of non-alcoholic steatohepatitis. <i>Hepatobiliary Surgery and Nutrition</i> , 2015, 4, 11-23.	0.7	21
2184	Non-Alcoholic Fatty Steatohepatitis an Inflammatory Disorder Beyond the Liver. <i>Journal of Clinical & Cellular Immunology</i> , 2013, 04, .	1.5	1
2185	Clinical evidence of exaggerated inflammation in patients with a cardiogenic shock complicating ST-segment elevation myocardial infarction. <i>Health</i> , 2013, 05, 1648-1653.	0.1	3
2186	High Mobility Group Box 1 and Traumatic Brain Injury. <i>Journal of Behavioral and Brain Science</i> , 2017, 07, 50-61.	0.2	16
2187	Amyotrophic lateral sclerosis as a protein level, non-genomic disease: Therapy with S2RM exosome released molecules. <i>World Journal of Stem Cells</i> , 2017, 9, 187-202.	1.3	14
2188	Changes in cellular proliferation and plasma products are associated with liver failure. <i>World Journal of Hepatology</i> , 2016, 8, 1370.	0.8	5

#	ARTICLE	IF	CITATIONS
2189	Intravascular Leukocyte Chemotaxis: The Rules of Attraction. , 0, , .		2
2190	On the Way to Longevity: How to Combat Neuro-Degenerative Disease. , 0, , .		1
2191	Novel insights for high mobility group box 1 protein-mediated cellular immune response in sepsis:A systemic review. World Journal of Emergency Medicine, 2012, 3, 165.	0.5	21
2192	Prognostic value of circulating DNA levels in critically ill and trauma patients. Revista Brasileira De Terapia Intensiva, 2014, 26, 305-12.	0.1	6
2193	Exosomal cargoes in OSCC: current findings and potential functions. PeerJ, 2020, 8, e10062.	0.9	16
2194	Mitochondrial destiny in type 2 diabetes: the effects of oxidative stress on the dynamics and biogenesis of mitochondria. PeerJ, 2020, 8, e9741.	0.9	18
2195	Applications of Decellularized Extracellular Matrix for Regenerative Medicine. , 2021, , 651-689.		0
2196	Characterisation of Plasma Mitochondrial DNA, MMP-9 and Neutrophil Elastase in Patients Undergoing Coronary Artery Bypass Grafting: Effects of Tranexamic Acid and Postoperative Pneumonia. Heart Lung and Circulation, 2021, , .	0.2	1
2197	DNA binding to TLR9 expressed by red blood cells promotes innate immune activation and anemia. Science Translational Medicine, 2021, 13, eabj1008.	5.8	90
2198	Mitochondria and Inflammatory Bowel Diseases: Toward a Stratified Therapeutic Intervention. Annual Review of Physiology, 2022, 84, 435-459.	5.6	40
2199	Extracellular Matrix-Derived Hydrogels to Augment Dermal Wound Healing: A Systematic Review. Tissue Engineering - Part B: Reviews, 2022, 28, 1093-1108.	2.5	8
2200	Transport Stress Induces Skin Innate Immunity Response in Hybrid Yellow Catfish (Tachysurus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Frontiers in Immunology, 2021, 12, 740359.	2.2	7
2201	Current Understanding of the Innate Control of Toll-like Receptors in Response to SARS-CoV-2 Infection. Viruses, 2021, 13, 2132.	1.5	29
2202	Neutrophil and remnant clearance in immunity and inflammation. Immunology, 2022, 165, 22-43.	2.0	30
2203	DRP1-Mediated Mitochondrial Fission Regulates Lung Epithelial Response to Allergen. International Journal of Molecular Sciences, 2021, 22, 11125.	1.8	9
2204	Downregulation of mitochondrial biogenesis by virus infection triggers antiviral responses by cyclic GMP-AMP synthase. PLoS Pathogens, 2021, 17, e1009841.	2.1	24
2205	Cell-Free Mitochondrial DNA as a Potential Biomarker for Astronauts' Health. Journal of the American Heart Association, 2021, 10, e022055.	1.6	22
2206	Mitochondrial Biogenesis and Dynamics in Health and Disease. , 2022, , 31-51.		1

#	ARTICLE	IF	CITATIONS
2207	Migrating Progenitor Cells Derived From Injured Cartilage Surface Respond to Damage-Associated Molecular Patterns. <i>Cartilage</i> , 2021, , 194760352110495.	1.4	5
2208	Importance of urinary mitochondrial DNA in diagnosis and prognosis of kidney diseases. <i>Mitochondrion</i> , 2021, 61, 174-178.	1.6	6
2209	The phenotypic patterns of essential hypertension are the key to identifying "high blood pressure" genes. <i>Physiological Research</i> , 2010, 59, 841-857.	0.4	8
2210	How the cell's powerhouses turn deadly. <i>Nature</i> , 0, , .	13.7	0
2211	Roll of Toll-like Receptor 9 in Mouse Lung Inflammation in Response to Chicken Barn Air. <i>FASEB Journal</i> , 2010, 24, 753.7.	0.2	1
2212	Toxicant-Induced Liver Injury. <i>Molecular Pathology Library</i> , 2011, , 641-653.	0.1	0
2214	What is the role of procalcitonin and the meaning of its increase?. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2011, 18, 330-333.	0.0	1
2215	Can "Permissive" Hypercapnia Modulate the Severity of Sepsis-induced ALI/ARDS?. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2011, , 174-187.	0.1	0
2216	Mitochondrial Function in Septic Shock. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2011, , 355-365.	0.1	0
2217	Pathogenic Roles of Sterile Inflammation in Etiology of Age-Related Macular Degeneration. , 0, , .		0
2219	Anti-Inflammatory Intervention for Acute Liver Failure: Recent Patents and Future Targets. <i>Recent Patents on Biomarkers</i> , 2012, 2, 147-155.	0.3	1
2221	Immune response to traumatic-injury: harmony and disruption between innate and adoptive immune system. <i>Nihon Kyukyu Igakukai Zasshi</i> , 2013, 24, 181-191.	0.0	0
2222	Current understanding of the pathophysiology and management of acute graft versus host disease.. <i>Journal of Hematopoietic Cell Transplantation</i> , 2013, 2, 12-24.	0.1	1
2223	The role of innate immunity in post-ischemic inflammation. <i>Nosotchu</i> , 2013, 35, 114-120.	0.0	0
2224	Peroxiredoxin triggers cerebral post-ischemic inflammation. <i>Inflammation and Regeneration</i> , 2013, 33, 150-155.	1.5	1
2225	Basic Vaccine Immunology. , 2013, , 23-58.		0
2226	Sperm Mitochondrial DNA. , 2013, , 71-88.		0
2227	Senescence and Senescence-Related Disorders. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
2228	Shock and Coagulopathy. , 2014, , 259-296.		0
2229	Innate Immunity and Allograft Rejection. , 2014, , .		1
2230	Deficiency in Heat Shock Factor 1 (HSF-1) Expression Exacerbates Sepsis-induced Inflammation and Cardiac Dysfunction. SOJ Surgery, 2014, 1, .	0.0	5
2231	Significance of Evaluation of SIRS for Early Phase after Oral Cancer Surgery. Journal of Japanese Society of Oral Medicine, 2014, 20, 25-30.	0.1	0
2232	8: Pathology. , 2014, , 299-353.		2
2234	Sources for Inflammation and Accelerated Aging in Well Controlled HIV Patients on Antiretroviral Therapy. Journal of Infectious Disease and Therapy, 2015, 03, .	0.1	1
2235	Reactive arthritis. , 2015, , 928-940.		1
2236	Effect of Intra-Cuff Tetracaine on Preventing Postoperative Sore Throat after Gynecological Surgery. Journal of Anesthesia and Perioperative Medicine, 2015, 2, 8-13.	0.2	0
2237	ARDS, Complication of Trauma. , 2015, , 161-169.		0
2239	Sepsis, Severe Sepsis, and Septic Shock. , 2015, , 914-934.e6.		1
2240	Nutritional Support during Systemic Inflammatory Response Syndrome and Sepsis. , 2015, , 567-588.		0
2242	Pre-surgery status determines inflammation levels post-elective surgery. F1000Research, 0, 4, 766.	0.8	0
2243	PXR mediated cardiac protection after sepsis through TLR4 modulation pathway. American Journal of BioMedicine, 0, , 569-581.	0.0	0
2244	Pathophysiologie. , 2016, , 39-62.		0
2246	Basic Vaccine Immunology. , 2016, , 25-61.		0
2247	Roles of Neutrophils in Stroke. Springer Series in Translational Stroke Research, 2016, , 273-301.	0.1	0
2248	Fibrinogen in trauma-associated coagulopathy. Japanese Journal of Thrombosis and Hemostasis, 2016, 27, 431-435.	0.1	0
2249	Activated Protein C. , 2016, , 91-114.		2

#	ARTICLE	IF	CITATIONS
2251	Asthma and Aging. , 2016, , 397-428.		0
2253	Bone Regeneration of Decellularized In-Vivo Deposited Extracellular Matrix (ECM) on Hydroxyapatite Sponge Scaffold. MOJ Cell Science & Report, 2016, 3, .	0.1	1
2254	Immune Activation in the Liver by Nucleic Acids. Journal of Clinical and Translational Hepatology, 2016, 4, 151-7.	0.7	6
2256	TRANSLATIONAL STUDY: METHODS OF MITOCHONDRIAL DYSFUNCTION DIAGNOSTICS IN PATIENTS WITH CARDIOVASCULAR PATHOLOGY. Siberian Medical Review, 2017, , 35-43.	0.1	2
2258	Intermediate results 2016 of a search study of translational diagnostic methods Mitochondrial dysfunction in patients with chronic myocardial ischemia and/or head Brain. , 2017, , .		0
2259	MITOCHONDRIAL DYSFUNCTION AT ATHEROSCLEROSIS AND MYOCARDIAL INFARCTION: MOLECULAR AND CYTOCHEMICAL CELL-MARKERS. Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra, 2017, 1, 131-134.	0.1	3
2260	Systemic Inflammatory Response-Syndrome (SIRS), Sepsis und Multiorganversagen. , 2018, , 1-19.		0
2262	Evaluation of nuclear DNA level in plasma of cardiac-surgery patients as a predictor of multiorgan dysfunction. Regional Blood Circulation and Microcirculation, 2018, 17, 39-44.	0.1	0
2263	Fire in the Forest: Adverse Effects of Antibiotics on the Healthy Human Gut Microbiome. International Journal of Medical Reviews, 2018, 5, 19-26.	0.4	1
2264	Acute Traumatic Coagulopathy: The Value of Histone in Pediatric Trauma Patients. Turkish Journal of Haematology, 2018, 35, 122-128.	0.2	1
2266	Musculoskeletal Physiology, Disability, and Exercise. , 2019, , 61-77.		0
2268	INVESTIGATION OF THE EFFECTIVENESS OF MAGNESIUM SULFATE USE IN THE COMPOSITION OF FLUID RESUSCITATION FOR THE PREVENTION OF CELLULAR MEMBRANE DAMAGE IN PATIENTS SUFFERING FROM POLYTRAUMA UNDER CONDITIONS OF HYPOVOLEMIC TRAUMATIC SHOCK AND ISCHEMIA. Bulletin of Problems Biology and Medicine. 2019. 1. 120.	0.0	1
2269	Modulation of HMGB1 Release for Treating Lethal Infection and Injury. , 2019, , 229-252.		0
2270	Circulating Mitochondrial DNA as a Potential Biomarker for Aging and Its Related Complications. , 2019, , 1709-1721.		0
2271	Influence of neurosurgical intervention and sevoflurane general anesthesia combined with fentanyl on the concentration of nucleic acids, biomarkers of inflammation and cerebral damage in cerebrospinal fluid of patients with intracranial meningioma: pilot study. Russian Journal of Anesthesiology and Reanimatology /Anesteziologiya I Reanimatologiya, 2019, , 71.	0.2	2
2272	Mitochondrial Dysfunction in Aging and Neurodegeneration. Advances in Medical Diagnosis, Treatment, and Care, 2019, , 76-101.	0.1	0
2273	Polymorphisms of serotonin transporter gene and psychological status in patients with multiple sclerosis. Current Journal of Neurology, 0, , .	0.0	2
2274	DIC ā®æ²»ç™,i¼²i¼%æ,,ÿæÿ“ç—†i¼Ææ•á¼æ•æ€é~ãÿi¼Æâ—ç\$é~ãÿÿ. Japanese Journal of Thrombosis and Hemostasis, 2019, 3		

#	ARTICLE	IF	CITATIONS
2277	Sepsis-3: renewed determinations, potential problems and further practical foot steps. <i>Klinichna Khirurgiia</i> , 2019, 86, 60-72.	0.0	0
2279	Environmental Stress: Mitochondria as Targets and Stressors in Cellular Metabolism. , 2020, , 43-70.		0
2280	Innate Immunity Under the Exposome of Space Flight. , 2020, , 221-240.		0
2281	DAMP-Controlled and Uncontrolled Responses to Trauma: Wound Healing and Polytrauma. , 2020, , 279-335.		0
2282	İnsan Hastalıklarında Epigenetiğin Rolü/4ne Klinik Bakış. İstanbul Gelişim Üniversitesi Sağlık Bilimleri Dergisi, 2020, , 107-122.	0.0	0
2283	Surgical treatment of patients with abdominal sepsis taking into account the prediction of the implementation of re-operations. <i>Klinichna Khirurgiia</i> , 2020, 87, 24-29.	0.0	0
2286	Microarray testing in patients with systemic lupus erythematosus identifies a high prevalence of CpG DNA-binding antibodies. <i>Lupus Science and Medicine</i> , 2021, 8, e000531.	1.1	3
2287	Cytoplasmic DNA: sources, sensing, and role in aging and disease. <i>Cell</i> , 2021, 184, 5506-5526.	13.5	95
2288	Molecular Mechanisms of mtDNA-Mediated Inflammation. <i>Cells</i> , 2021, 10, 2898.	1.8	75
2289	Small Extracellular Vesicles Propagate the Inflammatory Response After Trauma. <i>Advanced Science</i> , 2021, 8, e2102381.	5.6	12
2290	Intra-individual state-dependent comparison of plasma mitochondrial DNA copy number and IL-6 levels in patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2022, 299, 644-651.	2.0	8
2291	The Many Roles Mitochondria Play in Mammalian Aging. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 824-843.	2.5	5
2292	Mitocryptides: A novel family of bioactive regulatory peptides produced from various mitochondrial proteins that induce innate immune responses. <i>Hikaku Seiri Seikagaku(Comparative Physiology and)</i> Tj ETQq0 0 0 rgt /Overlock 10 Tf		0
2293	Involvement of the Spinal Cord in Primary Mitochondrial Disorders: A Neuroimaging Mimicker of Inflammation and Ischemia in Children. <i>American Journal of Neuroradiology</i> , 2021, 42, 389-396.	1.2	6
2294	ĐĐμÑ,,Đ¼ÑÑ,,Đ¼ÑÑĐ»Đ,ÑÑfÑŽÑ%ĐμĐμ Đ¼ĐºĐ,ÑĐ»ĐμĐ½Đ,Đμ Đ² Đ¼Đ,Ñ,Đ¼Ñ...Đ¼Đ½ĐÑĐ,ÑÑ... Đ,ÑĐ¼Đ½ÑÑĐĐμĐ½		0
2295	Burn- and Trauma-Associated Pulmonary Infection. , 2020, , 103-138.		0
2296	Mitochondrial DNA as DAMP in critical conditions. <i>Bulletin of Siberian Medicine</i> , 2019, 18, 134-143.	0.1	3
2298	Mechanical View on the Mitochondria. <i>Biological and Medical Physics Series</i> , 2020, , 163-189.	0.3	0

#	ARTICLE	IF	CITATIONS
2299	The Uniqueness of Innate Immunity. , 2020, , 35-47.		0
2300	Solid Organ Injury. , 2020, , 337-430.		0
2301	Cardiac Surgery and Cognition: Etiologies and Assessment Considerations. , 2020, , 213-236.		0
2302	The Mechanisms Linking Relative Hypercortisolism - The Common Feature Across COVID-19 Risks - To ARDS, Septic Shock, and Cytokine Dysregulation. SSRN Electronic Journal, 0, , .	0.4	1
2303	Mécanismes immunologiques post-traumatiques: de l'attrition tissulaire à la défaillance d'organes. Anesthésie & Réanimation, 2020, 6, 161-174.	0.1	0
2305	Dynamics of Serum Cytokines During Resection Surgery for Malignant Neoplasms in the Lungs. Obshchaya Reanimatologiya, 2020, 16, 12-21.	0.2	0
2306	Plasma circulating cell-free mitochondrial DNA in depressive disorders. PLoS ONE, 2021, 16, e0259591.	1.1	23
2307	GSDMD Mediates LPS-Induced Septic Myocardial Dysfunction by Regulating ROS-dependent NLRP3 Inflammasome Activation. Frontiers in Cell and Developmental Biology, 2021, 9, 779432.	1.8	36
2308	Metabolic Consequences of IgE- and Non-IgE-Mediated Mast Cell Degranulation. Journal of Immunology, 2021, 207, ji2001278.	0.4	7
2309	Candidate genes of SARS-CoV-2 gender susceptibility. Scientific Reports, 2021, 11, 21968.	1.6	14
2310	Astrocytes and retrograde degeneration of nigrostriatal dopaminergic neurons in Parkinson's disease: removing axonal debris. Translational Neurodegeneration, 2021, 10, 43.	3.6	6
2311	Protein C. , 2021, , 135-156.		0
2312	Neutrophils, Inflammation, and Innate Immunity in Trauma-Induced Coagulopathy. , 2021, , 199-216.		0
2314	Traumatic Brain Injury-Induced Coagulopathy. , 2021, , 583-606.		0
2315	Mitochondrial DNA in innate immune responses against infectious diseases. Biochemical Society Transactions, 2020, 48, 2823-2838.	1.6	5
2316	Mitochondrial Damage-Associated Molecular Patterns Exacerbate Lung Fluid Imbalance Via the Formyl Peptide Receptor-1 Signaling Pathway in Acute Lung Injury. Critical Care Medicine, 2021, 49, e53-e62.	0.4	7
2317	Updated Understanding of the Degenerative Disc Diseases - Causes Versus Effects - Treatments, Studies and Hypothesis. Current Genomics, 2020, 21, 464-477.	0.7	1
2318	Review of the pathophysiology and prognostic biomarkers of immune dysregulation after severe injury. Journal of Trauma and Acute Care Surgery, 2021, 90, e21-e30.	1.1	5

#	ARTICLE	IF	CITATIONS
2319	Heat shock protein 10 (Hsp10) in immune-related diseases: one coin, two sides. <i>International Journal of Biochemistry and Molecular Biology</i> , 2011, 2, 47-57.	0.1	38
2321	Burn enhances toll-like receptor induced responses by circulating leukocytes. <i>International Journal of Clinical and Experimental Medicine</i> , 2012, 5, 136-44.	1.3	13
2323	The Role of Damage-Associated Molecular Patterns (DAMPs) in Human Diseases: Part II: DAMPs as diagnostics, prognostics and therapeutics in clinical medicine. <i>Sultan Qaboos University Medical Journal</i> , 2015, 15, e157-70.	0.3	97
2324	Ethyl pyruvate reduces hepatic mitochondrial swelling and dysfunction in a rat model of sepsis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 7774-85.	0.5	4
2326	Pediatric Perioperative Stress Responses and Anesthesia. <i>Translational Perioperative and Pain Medicine</i> , 2017, 2, 1-12.	0.0	9
2327	Role of Apoptosis in Amplifying Inflammatory Responses in Lung Diseases. <i>Journal of Cell Death</i> , 2010, 3, 41-53.	0.8	6
2328	Procalcitonin - Assisted Antibiotic Strategy in Sepsis. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 104-113.	0.7	11
2329	Aging and the KrÄppel-like factors. <i>Trends in Cell & Molecular Biology</i> , 2017, 12, 1-15.	0.5	7
2330	Polymorphisms of serotonin transporter gene and psychological status in patients with multiple sclerosis. <i>Iranian Journal of Neurology</i> , 2018, 17, 105-110.	0.5	1
2331	Immunomodulation as a Neuroprotective Strategy for Glaucoma Treatment. <i>Current Ophthalmology Reports</i> , 2019, 7, 160-169.	0.5	10
2332	Mitochondrial Complex I Is an Essential Player in LPS-Induced Preconditioning in Differentiated PC12 Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1445-1455.	0.3	2
2333	Connexin 43-Mediated Mitochondrial Calcium Intake Aggravates Obesity via Promoting Macrophages Polarization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2334	Neutrophil accumulation within tissues: A damage x healing dichotomy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112422.	2.5	7
2335	Cellular senescence during aging and chronic liver diseases. , 2022, , 155-178.		0
2336	Recent Advance on Drug Therapy Related to Myocardial Ischemia Reperfusion Injury. <i>Journal of Biomaterials and Tissue Engineering</i> , 2022, 12, 299-305.	0.0	0
2337	Effects of immune cells on mesenchymal stem cells during fracture healing. <i>World Journal of Stem Cells</i> , 2021, 13, 1670-1698.	1.3	0
2338	Tyrosine kinase nonreceptor 1 (TNK1) knockdown ameliorates hemorrhage shock-induced kidney injury via inhibiting macrophage M1 polarization. <i>3 Biotech</i> , 2021, 11, 501.	1.1	1
2339	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. <i>Vascular Pharmacology</i> , 2022, 142, 106946.	1.0	59

#	ARTICLE	IF	CITATIONS
2340	Roles of host mitochondria in the development of COVID-19 pathology: Could mitochondria be a potential therapeutic target?. <i>Molecular Biomedicine</i> , 2021, 2, 38.	1.7	19
2341	Hypoxia Regulates Endogenous Double-Stranded RNA Production via Reduced Mitochondrial DNA Transcription. <i>Frontiers in Oncology</i> , 2021, 11, 779739.	1.3	13
2342	The Impact of Inflammation on the Immune Responses to Transplantation: Tolerance or Rejection?. <i>Frontiers in Immunology</i> , 2021, 12, 667834.	2.2	18
2343	Effect of Xenon on Proinflammatory Activation and Apoptosis of Human Neutrophils Under Ex Vivo Conditions. <i>Sklifosovsky Journal Emergency Medical Care</i> , 2021, 10, 511-520.	0.3	4
2344	Nanoprotection Against Retinal Pigment Epithelium Degeneration via Ferroptosis Inhibition. <i>Small Methods</i> , 2021, 5, e2100848.	4.6	15
2345	Effects of caloric restriction and aerobic exercise on circulating cell-free mitochondrial DNA in patients with moderate-to-severe chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2021, , .	1.3	6
2346	Plasma and wound fluids from trauma patients suppress neutrophil extracellular respiratory burst. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 330-338.	1.1	7
2347	Mitochondrial Transplantation Attenuates Cerebral Ischemia-Reperfusion Injury: Possible Involvement of Mitochondrial Component Separation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-21.	1.9	26
2348	Liver ischaemiaâ€“reperfusion injury: a new understanding of the role of innate immunity. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 239-256.	8.2	115
2349	Effects of immune cells on mesenchymal stem cells during fracture healing. <i>World Journal of Stem Cells</i> , 2021, 13, 1667-1695.	1.3	15
2350	Molecular biomarkers correlate with brain grey and white matter changes in patients with mitochondrial m.3243A>G mutation. <i>Molecular Genetics and Metabolism</i> , 2022, 135, 72-81.	0.5	3
2351	Mitochondrial Mechanisms of Apoptosis and Necroptosis in Liver Diseases. <i>Analytical Cellular Pathology</i> , 2021, 2021, 1-9.	0.7	19
2352	Dephosphorylation of AMP-activated protein kinase exacerbates ischemia/reperfusion-induced acute kidney injury via mitochondrial dysfunction. <i>Kidney International</i> , 2022, 101, 315-330.	2.6	46
2353	Mitochondria and Their Cell Hosts: Best of Frenemies. , 2022, , 167-196.		0
2354	IIFP35 as a promising biomarker and therapeutic target for the syndromes induced by SARS-CoV-2 or influenza virus. <i>Cell Reports</i> , 2021, 37, 110126.	2.9	14
2355	Syngaresinol attenuates sepsis-induced cardiac dysfunction by inhibiting inflammation and pyroptosis in mice. <i>European Journal of Pharmacology</i> , 2021, 913, 174644.	1.7	31
2356	Regulation of MDA5-dependent anti-Tembusu virus innate immune responses by LGP2 in ducks. <i>Veterinary Microbiology</i> , 2021, 263, 109281.	0.8	3
2357	Cysteine 253 of UCP1 regulates energy expenditure and sex-dependent adipose tissue inflammation. <i>Cell Metabolism</i> , 2022, 34, 140-157.e8.	7.2	27

#	ARTICLE	IF	CITATIONS
2358	Chronic Inflammation and Aging (Inflammaging). , 2021, , 39-50.		1
2359	Circulating cell-free mitochondrial DNA in pregnancy. <i>Physiology</i> , 2022, , .	1.6	3
2360	Association between oxidized nucleobases and mitochondrial DNA damage with long-term mortality in patients with sepsis. <i>Free Radical Biology and Medicine</i> , 2022, 179, 156-163.	1.3	9
2361	Effects of Aging on Metabolic Characteristics of Human B Cells. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2022, 89, S23-S28.	0.9	3
2362	Antioxidant Roles of SGLT2 Inhibitors in the Kidney. <i>Biomolecules</i> , 2022, 12, 143.	1.8	16
2363	Modulations of ferroptosis in lung cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2022, 26, 133-143.	1.5	6
2364	HMGB1 Inhibition to Ameliorate Organ Failure and Increase Survival in Trauma. <i>Biomolecules</i> , 2022, 12, 101.	1.8	11
2365	<i>Lactobacillus paracasei</i> KW3110 Prevents Inflammatory-Stress-Induced Mitochondrial Dysfunction in Mouse Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1443.	1.8	5
2366	Electrochemical and spectroelectrochemical characterization of bacteria and bacterial systems. <i>Analyst</i> , The, 2021, 147, 22-34.	1.7	10
2367	A Levee to the Flood: Pre-injury Neuroinflammation and Immune Stress Influence Traumatic Brain Injury Outcome. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 788055.	1.7	3
2368	Mitochondria and Viral Infection: Advances and Emerging Battlefronts. <i>MBio</i> , 2022, 13, e0209621.	1.8	10
2369	A critical review of hemoperfusion adsorbents: materials, functionalization and matrix structure selection. <i>Materials Advances</i> , 2022, 3, 918-930.	2.6	15
2370	Exhaustive Exercise Increases Spontaneous but Not fMLP-Induced Production of Reactive Oxygen Species by Circulating Phagocytes in Amateur Sportsmen. <i>Biology</i> , 2022, 11, 103.	1.3	2
2371	Iron-Dependent Mitochondrial Dysfunction Contributes to the Pathogenesis of Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 643980.	1.6	13
2372	Oxidative stress induces Z-DNA-binding protein 1-dependent activation of microglia via mtDNA released from retinal pigment epithelial cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101523.	1.6	21
2373	Reduced Maternal Circulating Cell-Free Mitochondrial DNA Is Associated With the Development of Preeclampsia. <i>Journal of the American Heart Association</i> , 2022, 11, e021726.	1.6	11
2374	Specialized Intercellular Communications via Tunnelling Nanotubes in Acute and Chronic Leukemia. <i>Cancers</i> , 2022, 14, 659.	1.7	9
2375	Tetramethylpyrazine prevents liver fibrotic injury in mice by targeting hepatocyte-derived and mitochondrial DNA-enriched extracellular vesicles. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2026-2041.	2.8	16

#	ARTICLE	IF	CITATIONS
2376	Immune and Metabolic Alterations in Liver Fibrosis: A Disruption of Oxygen Homeostasis?. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 802251.	1.6	4
2377	Targeted mitochondrial delivery: A therapeutic new era for disease treatment. <i>Journal of Controlled Release</i> , 2022, 343, 89-106.	4.8	12
2378	Endothelial dysfunction as a complication of anti-cancer therapy. , 2022, 237, 108116.		14
2379	Basic mechanisms in cardiogenic shock: part 1â€”definition and pathophysiology. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 356-365.	0.4	8
2380	FEN1-Generated Oxidized DNA Fragments Escape Mitochondria via mPTP- and VDAC-Dependent Channels to License NLRP3 Inflammasome and STING Activation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
2381	Role of Mitochondrial Nucleic Acid Sensing Pathways in Health and Patho-Physiology. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 796066.	1.8	14
2382	MERS-CoV nsp1 impairs the cellular metabolic processes by selectively downregulating mRNAs in a novel granules. <i>Virulence</i> , 2022, 13, 355-369.	1.8	8
2383	Extracellular Vesicles in Redox Signaling and Metabolic Regulation in Chronic Kidney Disease. <i>Antioxidants</i> , 2022, 11, 356.	2.2	9
2384	Central nervous system macrophages in progressive multiple sclerosis: relationship to neurodegeneration and therapeutics. <i>Journal of Neuroinflammation</i> , 2022, 19, 45.	3.1	51
2386	Gutâ€™Brain Cross Talk: Microbiome and Micronutrients. , 2022, , 33-47.		0
2387	Role of platelet-derived extracellular vesicles in traumatic brain injury-induced coagulopathy and inflammation. <i>Neural Regeneration Research</i> , 2022, 17, 2102.	1.6	5
2388	Connecting the dots: Neutrophils at the interface of tissue regeneration and cancer. <i>Seminars in Immunology</i> , 2021, 57, 101598.	2.7	11
2389	Assessing Mitochondrial DNA Release into the Cytosol and Subsequent Activation of Innate Immuneâ€™related Pathways in Mammalian Cells. <i>Current Protocols</i> , 2022, 2, e372.	1.3	22
2390	Molecular recognition of formylpeptides and diverse agonists by the formylpeptide receptors FPR1 and FPR2. <i>Nature Communications</i> , 2022, 13, 1054.	5.8	35
2391	The Interplay of Hypoxia Signaling on Mitochondrial Dysfunction and Inflammation in Cardiovascular Diseases and Cancer: From Molecular Mechanisms to Therapeutic Approaches. <i>Biology</i> , 2022, 11, 300.	1.3	22
2392	A Method for Evaluation of the Level of Circulating Mitochondrial DNA by ND1 and ND2 Genes. <i>Bulletin of Experimental Biology and Medicine</i> , 2022, 172, 495-498.	0.3	1
2393	Stem cell therapy for COVID-19 pneumonia. <i>Molecular Biomedicine</i> , 2022, 3, 6.	1.7	7
2394	Editorial: Neutrophils in Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 862257.	2.2	0

#	ARTICLE	IF	CITATIONS
2395	Mitochondrial Function and Reactive Oxygen/Nitrogen Species in Skeletal Muscle. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 826981.	1.8	5
2396	Role of Base Excision Repair in Innate Immune Cells and Its Relevance for Cancer Therapy. <i>Biomedicines</i> , 2022, 10, 557.	1.4	1
2397	Chronic cerebral aspects of long COVID, post-stroke syndromes and similar states share their pathogenesis and perispinal etanercept treatment logic. <i>Pharmacology Research and Perspectives</i> , 2022, 10, e00926.	1.1	11
2398	On the Origin of Neutrophil Extracellular Traps in COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 821007.	2.2	15
2399	Mitochondrial DNA on Tumor-Associated Macrophages Polarization and Immunity. <i>Cancers</i> , 2022, 14, 1452.	1.7	8
2400	Myeloid Responses to Extracellular Vesicles in Health and Disease. <i>Frontiers in Immunology</i> , 2022, 13, 818538.	2.2	2
2401	Mitochondrial Dysfunction in the Pathogenesis of Preeclampsia. <i>Current Hypertension Reports</i> , 2022, 24, 157-172.	1.5	12
2402	The Association between Inflammatory Biomarkers and Cardiovascular Autonomic Dysfunction after Bacterial Infection. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3484.	1.3	1
2403	Mitochondrial Dysfunction and Acute Fatty Liver of Pregnancy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3595.	1.8	11
2404	Mitochondrial-derived vesicles in skeletal muscle remodeling and adaptation. <i>Seminars in Cell and Developmental Biology</i> , 2023, 143, 37-45.	2.3	10
2405	Interorgan crosstalk mechanisms in disease: the case of acute kidney injury-induced remote lung injury. <i>FEBS Letters</i> , 2022, 596, 620-637.	1.3	5
2406	Beyond the Trauma Triad of Death—New Advances in Our Knowledge of Pathophysiology as a Basis for New Perspectives in Support Therapy. <i>Life</i> , 2022, 12, 428.	1.1	0
2407	Systemic inflammatory response syndrome is triggered by mitochondrial damage (Review). <i>Molecular Medicine Reports</i> , 2022, 25, .	1.1	14
2408	Neutrophil Migratory Patterns: Implications for Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 795784.	1.8	3
2409	Mitochondria in the Pathogenesis of Systemic Lupus Erythematosus. <i>Current Rheumatology Reports</i> , 2022, 24, 88-95.	2.1	18
2410	When to operate after SARS-CoV-2 infection? A review on the recent consensus recommendation of the DGC/BDC and the DGAI/BDA. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 1315-1332.	0.8	5
2411	Adipose tissue: a neglected organ in the response to severe trauma?. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 207.	2.4	7
2412	Extrusion of mitochondria: Garbage clearance or cell-cell communication signals?. <i>Journal of Cellular Physiology</i> , 2022, 237, 2345-2356.	2.0	11

#	ARTICLE	IF	CITATIONS
2413	Mitochondrial DNA Release Contributes to Intestinal Ischemia/Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2022, 13, 854994.	1.6	15
2414	Natterin-Induced Neutrophilia Is Dependent on cGAS/STING Activation via Type I IFN Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3600.	1.8	5
2415	Transcriptomic and ultrastructural evidence indicate that anti-HMGB1 antibodies rescue organic dust-induced mitochondrial dysfunction. <i>Cell and Tissue Research</i> , 2022, , 1.	1.5	0
2416	Redox Activation of Mitochondrial DAMPs and the Metabolic Consequences for Development of Autoimmunity. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 441-461.	2.5	18
2417	Selective Display of a Chemoattractant Agonist on Cancer Cells Activates the Formyl Peptide Receptor 1 on Immune Cells**. <i>ChemBioChem</i> , 2022, 23, .	1.3	3
2418	Neuroinflammation as the Underlying Mechanism of Postoperative Cognitive Dysfunction and Therapeutic Strategies. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 843069.	1.8	32
2419	Surgical stress quickly affects the numbers of circulating B-cells and neutrophils in murine septic and aseptic models through a β_2 adrenergic receptor. <i>Journal of Immunotoxicology</i> , 2022, 19, 8-16.	0.9	3
2420	Mitochondria as mediators of systemic inflammation and organ cross talk in acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, F589-F596.	1.3	11
2421	IFI16-STING-NF- κ B signaling controls exogenous mitochondrion-induced endothelial activation. <i>American Journal of Transplantation</i> , 2022, 22, 1578-1592.	2.6	3
2422	Damage Control Surgery after Burn Injury: A Narrative Review. <i>European Journal of Burn Care</i> , 2022, 3, 278-289.	0.4	5
2423	Interdisciplinary Methods for Zoonotic Tissue Acellularization for Natural Heart Valve Substitute of Biomimetic Materials. <i>Materials</i> , 2022, 15, 2594.	1.3	1
2424	Perioperative changes in cell-free DNA for patients undergoing surgery for colon cancer. <i>BMC Gastroenterology</i> , 2022, 22, 168.	0.8	5
2425	An Injectable Antibiotic Hydrogel that Scavenges Proinflammatory Factors for the Treatment of Severe Abdominal Trauma. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	32
2426	The contribution of sterile inflammation to the fatty liver disease and the potential therapies. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112789.	2.5	10
2427	Loss of Sam50 in hepatocytes induces cardiolipin-dependent mitochondrial membrane remodeling to trigger mtDNA release and liver injury. <i>Hepatology</i> , 2022, 76, 1389-1408.	3.6	31
2428	Mitochondrial targeted AIEgen phototheranostics for bypassing immune barrier via encumbering mitochondria functions. <i>Biomaterials</i> , 2022, 283, 121409.	5.7	18
2429	Early expression of IL-10, IL-12, ARG1, and NOS2 genes in peripheral blood mononuclear cells synergistically correlate with patient outcome after burn injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, 702-711.	1.1	6
2430	Functional implications of neutrophil metabolism during ischemic tissue repair. <i>Current Opinion in Pharmacology</i> , 2022, 63, 102191.	1.7	7

#	ARTICLE	IF	CITATIONS
2431	Platelet-leukocyte crosstalk in COVID-19: How might the reciprocal links between thrombotic events and inflammatory state affect treatment strategies and disease prognosis?. <i>Thrombosis Research</i> , 2022, 213, 179-194.	0.8	17
2432	Protective effects of natural products against myocardial ischemia/reperfusion: Mitochondria-targeted therapeutics. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112893.	2.5	12
2433	Reviewing the mitochondrial dysfunction paradigm in rodent models as platforms for neuropsychiatric disease research. <i>Mitochondrion</i> , 2022, 64, 82-102.	1.6	4
2434	Caveolin-1 controls mitochondrial damage and ROS production by regulating fission - fusion dynamics and mitophagy. <i>Redox Biology</i> , 2022, 52, 102304.	3.9	32
2435	Allostatic load and systemic comorbidities in psychiatric disorders. <i>Psychoneuroendocrinology</i> , 2022, 140, 105726.	1.3	10
2436	From hurdle to springboard: The macrophage as target in biomaterial-based bone regeneration strategies. <i>Bone</i> , 2022, 159, 116389.	1.4	17
2437	Maternal Inflammation During Pregnancy and Offspring Brain Development: The Role of Mitochondria. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 498-509.	1.1	10
2438	Circulating Cell-Free Mitochondrial DNA: A Potential Blood-Based Biomarker for Sarcopenia in Patients Undergoing Maintenance Hemodialysis. <i>Medical Science Monitor</i> , 2022, 28, e934679.	0.5	3
2439	pDC as a modulator of platelet production. <i>Blood</i> , 2021, 138, 2307-2308.	0.6	0
2440	The mitochondrial DNA constitution shaping T-cell immunity in patients with rectal cancer at high risk of metastatic progression. <i>Clinical and Translational Oncology</i> , 2022, 24, 1157-1167.	1.2	2
2442	Innate Immunity as an Executor of the Programmed Death of Individual Organisms for the Benefit of the Entire Population. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13480.	1.8	7
2443	Wound healing in periodontal disease induces macrophage polarization characterized by different arginineâ€metabolizing enzymes. <i>Journal of Periodontal Research</i> , 2022, 57, 357-370.	1.4	10
2444	Mitochondrial Damage-associated Molecular Patterns as Potential Biomarkers in DCD Heart Transplantation: Lessons From Myocardial Infarction and Cardiac Arrest. <i>Transplantation Direct</i> , 2022, 8, e1265.	0.8	4
2445	Adverse Mechanical Ventilation and Pneumococcal Pneumonia Induce Immune and Mitochondrial Dysfunctions Mitigated by Mesenchymal Stem Cells in Rabbits. <i>Anesthesiology</i> , 2022, 136, 293-313.	1.3	3
2446	Role of Mitochondrial Therapy for Ischemic-Reperfusion Injury and Acute Kidney Injury. <i>Nephron</i> , 2022, 146, 253-258.	0.9	19
2447	Cytosolic Self-DNAâ€”A Potential Source of Chronic Inflammation in Aging. <i>Cells</i> , 2021, 10, 3544.	1.8	12
2448	Alterations in Toll-Like Receptor 7 and -9 mRNA Levels in Lungs after Ovariohysterectomy in a Pyometra Mouse Model. <i>European Surgical Research</i> , 2022, 63, 85-97.	0.6	0
2449	The Influence of Mitochondrial-DNA-Driven Inflammation Pathways on Macrophage Polarization: A New Perspective for Targeted Immunometabolic Therapy in Cerebral Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 135.	1.8	9

#	ARTICLE	IF	CITATIONS
2450	Circulating mitochondrial DNA copy numbers represent a sensitive marker for diagnosis and monitoring of disease activity in systemic lupus erythematosus. <i>RMD Open</i> , 2021, 7, e002010.	1.8	8
2451	Spotlight on NLRP3 Inflammasome: Role in Pathogenesis and Therapies of Atherosclerosis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 7143-7172.	1.6	19
2452	Liver regeneration biology: Implications for liver tumour therapies. <i>World Journal of Clinical Oncology</i> , 2021, 12, 1101-1156.	0.9	5
2454	STING regulates peripheral nerve regeneration and colony stimulating factor 1 receptor (CSF1R) processing in microglia. <i>IScience</i> , 2021, 24, 103434.	1.9	5
2455	Multi-omic analysis in injured humans: Patterns align with outcomes and treatment responses. <i>Cell Reports Medicine</i> , 2021, 2, 100478.	3.3	35
2457	Cerebral Glutamate Regulation and Receptor Changes in Perioperative Neuroinflammation and Cognitive Dysfunction. <i>Biomolecules</i> , 2022, 12, 597.	1.8	12
2458	Varietas Delectat: Exploring Natural Variations in Nitrogen-Fixing Symbiosis Research. <i>Frontiers in Plant Science</i> , 2022, 13, 856187.	1.7	3
2459	Oxidative Stress and Ischemia/Reperfusion Injury in Kidney Transplantation: Focus on Ferroptosis, Mitophagy and New Antioxidants. <i>Antioxidants</i> , 2022, 11, 769.	2.2	32
2460	Chapter 2. Inflammatory Changes in Cerebral Ischemic Injury: Cellular and Molecular Involvement. <i>RSC Drug Discovery Series</i> , 0, , 15-33.	0.2	0
2508	Mitochondrial Dysfunction in Aging and Neurodegeneration. , 2022, , 253-278.		0
2509	Grape-Seed-Derived Procyanidin Attenuates Chemotherapy-Induced Cognitive Impairment by Suppressing MMP-9 Activity and Related Bloodâ€œBrain-Barrier Damage. <i>Brain Sciences</i> , 2022, 12, 571.	1.1	4
2510	The multifaceted role of kidney tubule mitochondrial dysfunction in kidney disease development. <i>Trends in Cell Biology</i> , 2022, 32, 841-853.	3.6	37
2511	The origins and roles of osteoclasts in bone development, homeostasis and repair. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	27
2512	Circulating cell-free mtDNA release is associated with the activation of cGAS-STING pathway and inflammation in mitochondrial diseases. <i>Journal of Neurology</i> , 2022, , 1.	1.8	11
2513	The interactions between DNA nanostructures and cells: A critical overview from a cell biology perspective. <i>Acta Biomaterialia</i> , 2022, 146, 10-22.	4.1	10
2514	Inflammation suppresses DLG2 expression decreasing inflammasome formation. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2295-2311.	1.2	4
2515	Role of abnormal energy metabolism in the progression of chronic kidney disease and drug intervention. <i>Renal Failure</i> , 2022, 44, 790-805.	0.8	17
2516	Prospects of mitochondrial transplantation in clinical medicine: Aspirations and challenges. <i>Mitochondrion</i> , 2022, 65, 33-44.	1.6	14

#	ARTICLE	IF	CITATIONS
2517	Urinary Levels of Sirtuin-1, Î€-Glutathione S-Transferase, and Mitochondrial DNA in Maize Farmer Occupationally Exposed to Herbicide. <i>Toxics</i> , 2022, 10, 252.	1.6	0
2518	Mitochondrial Damage in Myocardial Ischemia/Reperfusion Injury and Application of Natural Plant Products. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	1.9	5
2519	Protective mechanisms and current clinical evidence of hypothermic oxygenated machine perfusion (HOPE) in preventing post-transplant cholangiopathy. <i>Journal of Hepatology</i> , 2022, 76, 1330-1347.	1.8	39
2520	Mitochondrial-derived vesicles: Recent insights. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3323-3328.	1.6	28
2521	Article Review: Toll-like Receptors and COVID-19. <i>International Journal for Research in Applied Sciences and Biotechnology</i> , 2022, 9, 78-95.	0.2	0
2522	Mitochondrial damage-associated molecular patterns trigger arginase-dependent lymphocyte immunoregulation. <i>Cell Reports</i> , 2022, 39, 110847.	2.9	10
2523	Preliminary Study on the Antigen-Removal from Extracellular Matrix via Different Decellularization. <i>Tissue Engineering - Part C: Methods</i> , 2022, 28, 250-263.	1.1	6
2524	Potential therapeutic strategies for myocardial infarction: the role of Toll-like receptors. <i>Immunologic Research</i> , 2022, 70, 607-623.	1.3	5
2525	Extracellular vesicles from lung tissue drive bone marrow neutrophil recruitment in inflammation. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	5.5	18
2526	A cell retrievable strategy for harvesting extracellular matrix as active biointerface. <i>Journal of Materials Science and Technology</i> , 2022, , .	5.6	3
2529	Polytrauma and Multiple Organ Dysfunction. , 2022, , 519-540.		1
2532	Human Cell Organelles in SARS-CoV-2 Infection: An Up-to-Date Overview. <i>Viruses</i> , 2022, 14, 1092.	1.5	3
2533	Anticardiolipin Autoantibodies as Useful Biomarkers for the Prediction of Mortality in Septic Patients. <i>Journal of Immunology Research</i> , 2022, 2022, 1-8.	0.9	1
2534	Extracellular mitochondria drive CD8 T cell dysfunction in trauma by upregulating CD39. <i>Thorax</i> , 2023, 78, 151-159.	2.7	6
2535	GROWTH DIFFERENTIATION FACTOR-15 CORRELATES WITH MORTALITY AND SEVERITY IN SEVERE BURNS. <i>Shock</i> , 0, Publish Ahead of Print, .	1.0	0
2536	Hybrid Biomaterial Initiates Refractory Wound Healing via Inducing Transiently Heightened Inflammatory Responses. <i>Advanced Science</i> , 2022, 9, .	5.6	20
2537	Minimized Extracorporeal Circulation Is Associated with Reduced Plasma Levels of Free-Circulating Mitochondrial DNA Compared to Conventional Cardiopulmonary Bypass: A Secondary Analysis of an Exploratory, Prospective, Interventional Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2994.	1.0	2
2538	Three-Dimensional Bioprinting of Decellularized Extracellular Matrix-Based Bioinks for Tissue Engineering. <i>Molecules</i> , 2022, 27, 3442.	1.7	15

#	ARTICLE	IF	CITATIONS
2540	Extracellular Vesicles as Drivers of Immunoinflammation in Atherothrombosis. <i>Cells</i> , 2022, 11, 1845.	1.8	16
2541	Mitochondria and their potential role in acute lung injury (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	5
2543	AKAP1 contributes to impaired mtDNA replication and mitochondrial dysfunction in podocytes of diabetic kidney disease. <i>International Journal of Biological Sciences</i> , 2022, 18, 4026-4042.	2.6	8
2545	Role of Cytokines as Immunomodulators. , 2022, , 371-414.		2
2547	The role of mitochondrial DNA in the pathogenesis of cardiovascular diseases. <i>Kazan Medical Journal</i> , 2022, 103, 455-466.	0.1	0
2548	Inhibition of anti-inflammatory pathway through suppressors of cytokine signalling (Socs2/Socs3) in the initiation of hepatocellular carcinoma. <i>Saudi Journal of Biological Sciences</i> , 2022, , 103348.	1.8	1
2549	Immunomodulatory role of mitochondrial DAMPs: a missing link in pathology?. <i>FEBS Journal</i> , 2023, 290, 4395-4418.	2.2	8
2551	Mitochondrial DNA as a Biomarker for Acute Central Serous Chorioretinopathy: A Case-Control Study. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
2552	Increased level of free-circulating MtDNA in maintenance hemodialysis patients: Possible role in systemic inflammation. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, .	0.9	7
2553	Can the cGAS-STING Pathway Play a Role in the Dry Eye?. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
2554	Targeting innate immune responses to attenuate acetaminophen-induced hepatotoxicity. <i>Biochemical Pharmacology</i> , 2022, 202, 115142.	2.0	8
2555	Roles of mitochondrial DNA in dynamics of the immune response to COVID-19. <i>Gene</i> , 2022, 836, 146681.	1.0	10
2556	Role of biofilm in host-pathogen interaction. , 2022, , 227-272.		1
2557	Intravital Imaging of Inflammatory Response in Liver Disease. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
2558	Tumor regionalization after surgery: Roles of the tumor microenvironment and neutrophil extracellular traps. <i>Experimental and Molecular Medicine</i> , 2022, 54, 720-729.	3.2	22
2559	Pro-Inflammatory Signalling PRRopels Cisplatin-Induced Toxicity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7227.	1.8	25
2560	Comparing the Cytokine Storms of COVID-19 and Pandemic Influenza. <i>Journal of Interferon and Cytokine Research</i> , 2022, 42, 369-392.	0.5	9
2562	Mitochondrial DNA: Consensuses and Controversies. <i>Dna</i> , 2022, 2, 131-148.	0.4	5

#	ARTICLE	IF	CITATIONS
2563	Neuroinflammation and Reconsolidation of Memory. <i>Neurochemical Journal</i> , 2022, 16, 109-120.	0.2	0
2564	Therapeutic Targeting of Innate Immune Receptors Against SARS-CoV-2 Infection. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
2565	Neutrophil activation in patients with anti-neutrophil cytoplasmic autoantibody-associated vasculitis and large-vessel vasculitis. <i>Arthritis Research and Therapy</i> , 2022, 24, .	1.6	12
2567	Bioavailability of Reduced Coenzyme Q10 (Ubiquinol-10) in Burn Patients. <i>Metabolites</i> , 2022, 12, 613.	1.3	3
2568	Repression of inflammatory pathways with <i>Boswellia</i> for alleviation of liver injury after renal ischemia reperfusion. <i>Life Sciences</i> , 2022, 306, 120799.	2.0	3
2569	Impact of Machine Perfusion on the Immune Response After Liver Transplantation – A Primary Treatment or Just a Delivery Tool. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	9
2570	Unveiling Leukocyte Extracellular Traps in Inflammatory Responses of the Central Nervous System. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
2571	Early dynamics of glial fibrillary acidic protein and extracellular DNA in plasma of mice after closed head traumatic brain injury. <i>Neurochirurgie</i> , 2022, 68, e68-e74.	0.6	2
2572	The Immune Pathogenesis of Acute-On-Chronic Liver Failure and the Danger Hypothesis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	9
2573	Inflammatory response to the ischaemia–reperfusion insult in the liver after major tissue trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 4431-4444.	0.8	5
2574	Mechanisms of Post-critical Illness Cardiovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	9
2575	Do Extracellular Vesicles Derived from Mesenchymal Stem Cells Contain Functional Mitochondria?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7408.	1.8	19
2576	Hypercatabolism and Anti-catabolic Therapies in the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	9
2577	Oxidized DNA fragments exit mitochondria via mPTP- and VDAC-dependent channels to activate NLRP3 inflammasome and interferon signaling. <i>Immunity</i> , 2022, 55, 1370-1385.e8.	6.6	158
2578	Neutrophil Heterogeneity and its Roles in the Inflammatory Network after Ischemic Stroke. <i>Current Neuropharmacology</i> , 2023, 21, 621-650.	1.4	6
2579	Emerging role of mitochondrial DAMPs, aberrant mitochondrial dynamics and anomalous mitophagy in gut mucosal pathogenesis. <i>Life Sciences</i> , 2022, 305, 120753.	2.0	4
2580	Deciphering the role of damage-associated molecular patterns and inflammatory responses in acute lung injury. <i>Life Sciences</i> , 2022, 305, 120782.	2.0	7
2581	Dynamic behavior of cell-free mitochondrial DNA in human saliva. <i>Psychoneuroendocrinology</i> , 2022, 143, 105852.	1.3	10

#	ARTICLE	IF	CITATIONS
2582	Mitochondrial Transfer between Airway Cells: Helping the Neighbors, or Sending Them Trash?. American Journal of Respiratory Cell and Molecular Biology, 2022, 67, 417-418.	1.4	1
2583	cGAS/cGAMP/STING signal propagation in the tumor microenvironment: Key role for myeloid cells in antitumor immunity. Radiotherapy and Oncology, 2022, 174, 158-167.	0.3	12
2584	Mitochondrial control of inflammation. Nature Reviews Immunology, 2023, 23, 159-173.	10.6	199
2585	A Glimpse of Inflammation and Anti-Inflammation Therapy in Diabetic Kidney Disease. Frontiers in Physiology, 0, 13, .	1.3	7
2586	Toll-like receptor triggering in systemic sclerosis: time to target. Rheumatology, 2023, 62, SI12-SI19.	0.9	5
2587	Role of mitophagy in the hallmarks of aging. Journal of Biomedical Research, 2023, 37, 1.	0.7	1
2588	Immunomodulatory roles of red blood cells. Current Opinion in Hematology, 2022, 29, 306-309.	1.2	7
2589	The role of neutrophil extracellular traps in acute lung injury. Frontiers in Immunology, 0, 13, .	2.2	44
2590	Mitochondrial surface coating with artificial lipid membrane improves the transfer efficacy. Communications Biology, 2022, 5, .	2.0	3
2591	Senolytic treatment reduces cell senescence and necroptosis in Sod1 knockout mice that is associated with reduced inflammation and hepatocellular carcinoma. Aging Cell, 2022, 21, .	3.0	22
2592	Mitochondrial impairment and repair in the pathogenesis of systemic lupus erythematosus. Frontiers in Immunology, 0, 13, .	2.2	6
2593	Mitigation of perioperative neurocognitive disorders: A holistic approach. Frontiers in Aging Neuroscience, 0, 14, .	1.7	5
2594	Research Progress on the Mechanism of Sepsis Induced Myocardial Injury. Journal of Inflammation Research, 0, Volume 15, 4275-4290.	1.6	24
2595	Mitochondria and ischemia reperfusion injury. Current Opinion in Organ Transplantation, 2022, 27, 434-445.	0.8	14
2596	Intestinal damage and immune response after experimental blunt abdominal trauma. Shock, 0, Publish Ahead of Print, .	1.0	0
2597	Trauma-induced coagulopathy. Intensive Care Medicine, 2022, 48, 1642-1645.	3.9	9
2598	The extended effect of adsorbed damage-associated molecular patterns and Toll-like receptor 2 signaling on macrophage-material interactions. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	2
2599	Old and new damage-associated molecular patterns (DAMPs) in autoimmune diseases. Rheumatology & Autoimmunity, 2022, 2, 185-197.	0.3	3

#	ARTICLE	IF	CITATIONS
2600	Cell-free mitochondrial DNA quantification in ischemic stroke patients for non-invasive and real-time monitoring of disease status. <i>World Journal of Translational Medicine</i> , 2022, 10, 14-28.	3.5	0
2601	Mitochondrial Damage-Associated Molecular Patterns Content in Extracellular Vesicles Promotes Early Inflammation in Neurodegenerative Disorders. <i>Cells</i> , 2022, 11, 2364.	1.8	15
2602	Mitochondrial stress in advanced fibrosis and cirrhosis associated with chronic hepatitis B, chronic hepatitis C, or nonalcoholic steatohepatitis. <i>Hepatology</i> , 2023, 77, 1348-1365.	3.6	10
2603	Role of released mitochondrial DNA in acute lung injury. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
2604	Dexmedetomidine Ameliorated Cognitive Dysfunction Induced by Intestinal Ischemia Reperfusion in Mice with Possible Relation to the Anti-inflammatory Effect Through the Locus Coeruleus Norepinephrine System. <i>Neurochemical Research</i> , 2022, 47, 3440-3453.	1.6	3
2605	Emerging mitochondrial signaling mechanisms in cardio-oncology: beyond oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H702-H720.	1.5	11
2607	effect of a free peritoneal patch on bursting pressure in primary colonic anastomosis with intraperitoneal infection conditions. <i>International Journal of Health Sciences</i> , 0, , 7933-7946.	0.0	0
2608	Immune hyporeactivity to bacteria and multiple TLR-ligands, yet no response to checkpoint inhibition in patients just after meeting Sepsis-3 criteria. <i>PLoS ONE</i> , 2022, 17, e0273247.	1.1	3
2609	Mechanisms of pulmonary endothelial permeability and inflammation caused by extracellular histone subunits <scp>H3</scp> and <scp>H4</scp>. <i>FASEB Journal</i> , 2022, 36, .	0.2	9
2610	Common methods in mitochondrial research (Review). <i>International Journal of Molecular Medicine</i> , 2022, 50, .	1.8	9
2611	Mitochondria in Mycobacterium Infection: From the Immune System to Mitochondrial Haplogroups. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9511.	1.8	8
2612	Chromatin-Associated Molecular Patterns (CAMPs) in sepsis. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	14
2613	Could neutrophil extracellular traps drive the development of autism?. <i>Medical Hypotheses</i> , 2022, 167, 110929.	0.8	0
2614	Cadmium induces ferroptosis mediated inflammation by activating Gpx4/Ager/p65 axis in pancreatic β -cells. <i>Science of the Total Environment</i> , 2022, 849, 157819.	3.9	24
2616	Plasma extracellular DNA and neutrophilic leukocyte activity in patients with rheumatoid arthritis. <i>Russian Journal of Immunology: RJI: Official Journal of Russian Society of Immunology</i> , 2022, 25, 147-154.	0.2	1
2617	Systemic anti-inflammatory effects of mesenchymal stem cells in burn: A systematic review of animal studies. <i>Journal of Clinical and Translational Research</i> , 0, , .	0.3	2
2618	3D Bioprinting for Tumor Metastasis Research. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2619	Early changes in white blood cell, C-reactive protein and procalcitonin levels in children with severe multiple trauma. <i>World Journal of Emergency Medicine</i> , 2022, 13, 448.	0.5	2

#	ARTICLE	IF	CITATIONS
2620	Protective effects of pentoxifylline on T-cell viability under inflammatory conditions. <i>European Journal of Inflammation</i> , 2022, 20, 1721727X2211207.	0.2	0
2621	NOT ALL CELL-FREE MITOCHONDRIAL DNA IS EQUAL IN TRAUMA PATIENTS. <i>Shock</i> , 2022, 58, 231-235.	1.0	5
2622	Intratumoral pro-oxidants promote cancer immunotherapy by recruiting and reprogramming neutrophils to eliminate tumors. <i>Cancer Immunology, Immunotherapy</i> , 2023, 72, 527-542.	2.0	3
2623	Chronic allergic lung inflammation negatively influences neurobehavioral outcomes in mice. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	4
2624	Toll-like receptor (TLRs) agonists and antagonists for COVID-19 treatments. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	18
2625	The role of mitochondria in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2022, 18, 621-640.	3.5	25
2626	MSC-EVs transferring mitochondria and related components: A new hope for the treatment of kidney disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
2627	Comprehensive Characterization of the Post-Operative Pericardial Inflammatory Response: Potential Implications for Clinical Outcomes. <i>JTCVS Open</i> , 2022, , .	0.2	3
2628	Functional platelet-derived mitochondria induce the release of human neutrophil microvesicles. <i>EMBO Reports</i> , 2022, 23, .	2.0	8
2629	Mitochondrial oxidative stress in the tumor microenvironment and cancer immunoescape: foe or friend?. <i>Journal of Biomedical Science</i> , 2022, 29, .	2.6	63
2630	Effect of dexmedetomidine on postoperative systemic inflammation and recovery in patients undergoing digest tract cancer surgery: A meta-analysis of randomized controlled trials. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
2631	Cell-Free Mitochondrial DNA in Acute Brain Injury. <i>Neurotrauma Reports</i> , 2022, 3, 415-420.	0.5	2
2632	Macrophages play a key role in tissue repair and regeneration. <i>PeerJ</i> , 0, 10, e14053.	0.9	12
2633	Photochemical Targeting of Mitochondria to Overcome Chemoresistance in Ovarian Cancer^{â€}. <i>Photochemistry and Photobiology</i> , 2023, 99, 448-468.	1.3	4
2634	Disseminated Intravascular Coagulation: The Past, Present, and Future Considerations. <i>Seminars in Thrombosis and Hemostasis</i> , 0, , .	1.5	13
2635	Integrative biology of injury in animals. <i>Biological Reviews</i> , 2023, 98, 34-62.	4.7	7
2636	Oxidative-Damaged Mitochondria Activate GABARAPL1-Induced NLRP3 Inflammasomes in an Autophagic-Exosome Manner after Acute Myocardial Ischemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	1.9	9
2637	Phosphoglycerate mutase 5 initiates inflammation in acute kidney injury by triggering mitochondrial DNA release by dephosphorylating the pro-apoptotic protein Bax. <i>Kidney International</i> , 2023, 103, 115-133.	2.6	17

#	ARTICLE	IF	CITATIONS
2638	Role of alarmins in poststroke inflammation and neuronal repair. <i>Seminars in Immunopathology</i> , 2023, 45, 427-435.	2.8	4
2639	How location and cellular signaling combine to activate the NLRP3 inflammasome. , 2022, 19, 1201-1214.		50
2640	Headway and the remaining hurdles of mesenchymal stem cells therapy for bronchopulmonary dysplasia. <i>Clinical Respiratory Journal</i> , 2022, 16, 629-645.	0.6	4
2641	Plasma Mitochondrial DNA and Necroptosis as Prognostic Indicators in Critically Ill Patients with Sepsis. <i>Biomedicines</i> , 2022, 10, 2386.	1.4	4
2642	Why are bleeding trauma patients still dying? Towards a systems hypothesis of trauma. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	10
2644	Macrophage autophagy in macrophage polarization, chronic inflammation and organ fibrosis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	33
2645	A human iPSC-array-based GWAS identifies a virus susceptibility locus in the NDUFA4 gene and functional variants. <i>Cell Stem Cell</i> , 2022, 29, 1475-1490.e6.	5.2	5
2646	Contribution of adaptive immunity to human COPD and experimental models of emphysema. <i>Physiological Reviews</i> , 2023, 103, 1059-1093.	13.1	10
2647	Preparation of mitochondrial damage-associated molecular patterns from mouse liver tissue. <i>STAR Protocols</i> , 2022, 3, 101738.	0.5	1
2648	Synthetic Oligodeoxynucleotide CpG Motifs Activate Human Complement through Their Backbone Structure and Induce Complement-Dependent Cytokine Release. <i>Journal of Immunology</i> , 2022, 209, 1760-1767.	0.4	4
2649	Metabolic Fate of Food and Its Bioavailability. , 2022, , 181-205.		0
2650	Quantitative assessment of mitophagy in irradiated cancer cells. <i>Methods in Cell Biology</i> , 2023, , 93-111.	0.5	0
2652	Calcium-Sensing Receptor (CaSR)-Mediated Intracellular Communication in Cardiovascular Diseases. <i>Cells</i> , 2022, 11, 3075.	1.8	1
2653	Hemoadsorption in the critically illâ€”Final results of the International CytoSorb Registry. <i>PLoS ONE</i> , 2022, 17, e0274315.	1.1	13
2654	Mitochondrial transplantation: opportunities and challenges in the treatment of obesity, diabetes, and nonalcoholic fatty liver disease. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	11
2655	Circulating mitochondrial DNA is associated with anemia in newly diagnosed hematologic malignancies. <i>Leukemia and Lymphoma</i> , 0, , 1-10.	0.6	0
2656	Novel attributes of cellâ€free plasma mitochondrial DNA in traumatic injury. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	1
2657	Research progress on the relationship between mitochondrial function and heart failure: A bibliometric study from 2002 to 2021. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	4

#	ARTICLE	IF	CITATIONS
2658	Increased levels of circulating oxidized mitochondrial DNA contribute to chronic inflammation in metabolic syndrome, and MitoQ-based antioxidant therapy alleviates this DNA-induced inflammation. <i>Molecular and Cellular Endocrinology</i> , 2023, 560, 111812.	1.6	3
2659	Wound Healing versus Metastasis: Role of Oxidative Stress. <i>Biomedicines</i> , 2022, 10, 2784.	1.4	4
2660	Autoantibodies in Primary Biliary Cholangitis. <i>Clinics in Liver Disease</i> , 2022, 26, 613-627.	1.0	5
2661	Nrf2: An all-rounder in depression. <i>Redox Biology</i> , 2022, 58, 102522.	3.9	24
2662	Mitochondrial Contribution to Inflammation in Diabetic Kidney Disease. <i>Cells</i> , 2022, 11, 3635.	1.8	7
2663	Glaucomatous optic neuropathy: Mitochondrial dynamics, dysfunction and protection in retinal ganglion cells. <i>Progress in Retinal and Eye Research</i> , 2023, 95, 101136.	7.3	24
2664	Mitochondrial antioxidant SkQ1 decreases inflammation following hemorrhagic shock by protecting myocardial mitochondria. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	5
2665	Established and emerging roles for mitochondria in neutrophils. <i>Immunological Reviews</i> , 2023, 314, 413-426.	2.8	8
2666	Insight into the regulation of NLRP3 inflammasome activation by mitochondria in liver injury and the protective role of natural products. <i>Biomedicine and Pharmacotherapy</i> , 2022, 156, 113968.	2.5	1
2667	Trophoblastic mitochondrial DNA induces endothelial dysfunction and NLRP3 inflammasome activation: Implications for preeclampsia. <i>International Immunopharmacology</i> , 2023, 114, 109523.	1.7	3
2668	Inflammasome effector functions: a Tale of Fire and Ice. , 2023, , 179-204.		0
2669	Functions and cellular signaling by ribosomal extracellular RNA (rexRNA): Facts and hypotheses on a non-typical DAMP. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2023, 1870, 119408.	1.9	3
2670	Plasma circulating cell-free mitochondrial DNA in social anxiety disorder. <i>Psychoneuroendocrinology</i> , 2023, 148, 106001.	1.3	6
2671	Inflammaging: Implications in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15039.	1.8	33
2672	Surgical Site Infection in Cardiac Surgery. <i>Journal of Clinical Medicine</i> , 2022, 11, 6991.	1.0	17
2673	New methods for analysing circulating cell-free mitochondrial DNA. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.2	0
2674	Controversies and expectations for the prevention of GVHD: A biological and clinical perspective. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
2675	Lung injury following cardiopulmonary bypass: a clinical update. <i>Expert Review of Cardiovascular Therapy</i> , 2022, 20, 871-880.	0.6	3

#	ARTICLE	IF	CITATIONS
2676	Neutrophils are gatekeepers of mucosal immunity. <i>Immunological Reviews</i> , 2023, 314, 125-141.	2.8	7
2677	DAMP-mediated inflammation and regulated cell death in immunoinflammatory rheumatic diseases. <i>Medical Immunology (Russia)</i> , 2023, 25, 7-38.	0.1	0
2678	Circulating mitochondrial DNA as a biomarker of survival in rheumatoid arthritis-associated interstitial lung disease. <i>European Respiratory Journal</i> , 0, , 2201984.	3.1	0
2679	Personality traits are consistently associated with blood mitochondrial DNA copy number estimated from genome sequences in two genetic cohort studies. <i>ELife</i> , 0, 11, .	2.8	5
2680	Mitochondria Drive Immune Responses in Critical Disease. <i>Cells</i> , 2022, 11, 4113.	1.8	5
2681	Promiscuous Receptors and Neuroinflammation: The Formyl Peptide Class. <i>Life</i> , 2022, 12, 2009.	1.1	3
2682	Resolution Potential of Necrotic Cell Death Pathways. <i>International Journal of Molecular Sciences</i> , 2023, 24, 16.	1.8	3
2683	Association of antithrombin with development of trauma-induced disseminated intravascular coagulation and outcomes. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2684	Septic Shock: Management and Outcomes. <i>Cureus</i> , 2022, , .	0.2	3
2685	Therapeutic effect of Shaoyao-Gancao Decoction on TLR9-mediated NETosis in MRL/lpr mice. <i>Clinical and Experimental Immunology</i> , 0, , .	1.1	0
2686	Neutrophil interactions with T cells, platelets, endothelial cells, and of course tumor cells. <i>Immunological Reviews</i> , 2023, 314, 13-35.	2.8	14
2687	Advances in NURR1-Regulated Neuroinflammation Associated with Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16184.	1.8	7
2688	Routine laboratory parameters predict intensive care unit admission and hospitalization in patients suffering stab injuries. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	0
2689	Decellularization of precision-cut kidney slices – Application of physical and chemical methods. <i>Biomedical Materials (Bristol)</i> , 0, , .	1.7	1
2690	Mitochondrial DNA: a novel indicator of active inflammation in ANCA-associated vasculitides. <i>Rheumatology</i> , 0, , .	0.9	0
2692	Mitochondria as novel mediators linking gut microbiota to atherosclerosis that is ameliorated by herbal medicine: A review. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	5
2693	The clinical use of urinary mitochondrial DNA in adult surgical critical care patients with acute kidney injury. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2023, 50, 277-286.	0.9	1
2694	Mitochondria-derived damage-associated molecular patterns and inflammation in the ischemic-reperfused heart. <i>Acta Physiologica</i> , 2023, 237, .	1.8	5

#	ARTICLE	IF	CITATIONS
2695	Ghost messages: cell death signals spread. <i>Cell Communication and Signaling</i> , 2023, 21, .	2.7	8
2696	Mitochondrial DNA Mutations and Ageing. <i>Sub-Cellular Biochemistry</i> , 2023, , 77-98.	1.0	1
2699	Cellular mitophagy: Mechanism, roles in diseases and small molecule pharmacological regulation. <i>Theranostics</i> , 2023, 13, 736-766.	4.6	43
2700	The role of mitochondria in the peri-implant microenvironment. <i>Experimental Physiology</i> , 2023, 108, 398-411.	0.9	0
2701	Virulence factors and mechanisms of paediatric pneumonia caused by <i>Enterococcus faecalis</i> . <i>Gut Pathogens</i> , 2023, 15, .	1.6	1
2702	An Updated Review of Mitochondrial Transplantation as a Potential Therapeutic Strategy Against Cerebral Ischemia and Cerebral Ischemia/Reperfusion Injury. <i>Molecular Neurobiology</i> , 2023, 60, 1865-1883.	1.9	2
2703	Protein engineering reveals that gasdermin A preferentially targets mitochondrial membranes over the plasma membrane during pyroptosis. <i>Journal of Biological Chemistry</i> , 2023, 299, 102908.	1.6	16
2704	Microvesicles with mitochondrial content are increased in patients with sepsis and associated with inflammatory responses. <i>World Journal of Clinical Cases</i> , 0, 11, 342-356.	0.3	1
2705	The Complexity of the Post-Burn Immune Response: An Overview of the Associated Local and Systemic Complications. <i>Cells</i> , 2023, 12, 345.	1.8	17
2706	Plasma metabolic profiling implicates dysregulated lipid metabolism and glycolytic shift in hyperinflammatory ARDS. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2023, 324, L297-L306.	1.3	7
2707	Melatonin: A potential adjuvant therapy for septic myopathy. <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114209.	2.5	5
2708	Succinate and mitochondrial DNA trigger atopic march from atopic dermatitis to intestinal inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2023, 151, 1050-1066.e7.	1.5	5
2709	Social Safety Theory: Conceptual foundation, underlying mechanisms, and future directions. <i>Health Psychology Review</i> , 2023, 17, 5-59.	4.4	15
2710	Inflammation balance in skeletal muscle damage and repair. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	15
2711	Dynamics of immune responses are inconsistent when trauma patients are grouped by injury severity score and clinical outcomes. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
2712	Pharmacological Inhibition of the NLRP3 Inflammasome: Structure, Molecular Activation, and Inhibitor-NLRP3 Interaction. <i>Pharmacological Reviews</i> , 2023, 75, 487-520.	7.1	19
2713	Mitochondrial DNA and its use in the forensic analysis of skeletal material. , 2023, , 213-230.		0
2714	Immunology of Giant Cell Arteritis. <i>Circulation Research</i> , 2023, 132, 238-250.	2.0	9

#	ARTICLE	IF	CITATIONS
2715	Mitochondrial-Derived Vesiclesâ€™Link to Extracellular Vesicles and Implications in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2637.	1.8	13
2716	Selenium Concentrations and Multiple Trauma/Trace Elements in Trauma: A Focus on Selenium. <i>Biomarkers in Disease</i> , 2023, , 675-690.	0.0	0
2717	Advances in the Pathogenesis and Treatment of Systemic Lupus Erythematosus. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6578.	1.8	8
2718	Mitochondrial DNA as inflammatory DAMP: a warning of an aging immune system?. <i>Biochemical Society Transactions</i> , 2023, 51, 735-745.	1.6	5
2719	Intergenerational Perioperative Neurocognitive Disorder. <i>Biology</i> , 2023, 12, 567.	1.3	1
2720	Mitochondria in health, disease, and aging. <i>Physiological Reviews</i> , 2023, 103, 2349-2422.	13.1	56
2721	An OMA1 redox site controls mitochondrial homeostasis, sarcoma growth, and immunogenicity. <i>Life Science Alliance</i> , 2023, 6, e202201767.	1.3	1
2722	Whole organism aging: Parabiosis, inflammaging, epigenetics, and peripheral and central aging clocks. The ARS of aging. <i>Experimental Gerontology</i> , 2023, 174, 112137.	1.2	2
2723	Long-term human spaceflight and inflammaging: Does it promote aging?. <i>Ageing Research Reviews</i> , 2023, 87, 101909.	5.0	7
2724	Mediterranean diet and mitochondria: New findings. <i>Experimental Gerontology</i> , 2023, 176, 112165.	1.2	5
2725	Amelioration of nephritis in receptor for advanced glycation end-products (RAGE)-deficient lupus-prone mice through neutrophil extracellular traps. <i>Clinical Immunology</i> , 2023, 250, 109317.	1.4	2
2726	Mitochondria dysfunction and bipolar disorder: From pathology to therapy. <i>IBRO Neuroscience Reports</i> , 2023, 14, 407-418.	0.7	3
2727	The Immune and Inflammatory Response to Major Traumatic Injury. , 2022, , 147-160.		0
2728	Systemic corticosteroids for the treatment of acute episodes of rhabdomyolysis in lipinâ€™1â€™deficient patients. <i>Journal of Inherited Metabolic Disease</i> , 2023, 46, 649-661.	1.7	4
2729	The role of platelets in immune-mediated inflammatory diseases. <i>Nature Reviews Immunology</i> , 2023, 23, 495-510.	10.6	23
2730	The evaluation of reactive oxygen species generation and free mitochondrial DNA in platelet concentrates during 5â€™days of storage. <i>Blood Coagulation and Fibrinolysis</i> , 0, Publish Ahead of Print, .	0.5	1
2731	Structure-Based Design of Novel Alkynyl Thio-Benzoxazepinone Receptor-Interacting Protein Kinase-1 Inhibitors: Extending the Chemical Space from the Allosteric to ATP Binding Pockets. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 3073-3087.	2.9	3
2732	DIAGNOSTIC VALUE OF MITOCHONDRIAL DNA AND PERIPHERAL BLOOD MONONUCLEAR CELL RESPIROMETRY FOR BURN-RELATED SEPSIS. <i>Shock</i> , 2023, 59, 294-299.	1.0	3

#	ARTICLE	IF	CITATIONS
2733	Intracellular to Interorgan Mitochondrial Communication in Striated Muscle in Health and Disease. <i>Endocrine Reviews</i> , 2023, 44, 668-692.	8.9	9
2734	Oxidized mitochondrial DNA: a protective signal gone awry. <i>Trends in Immunology</i> , 2023, 44, 188-200.	2.9	11
2735	From Co-Infections to Autoimmune Disease via Hyperactivated Innate Immunity: COVID-19 Autoimmune Coagulopathies, Autoimmune Myocarditis and Multisystem Inflammatory Syndrome in Children. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3001.	1.8	12
2737	Mitochondrial and NAD ⁺ metabolism predict recovery from acute kidney injury in a diverse mouse population. <i>JCI Insight</i> , 2023, 8, .	2.3	3
2738	Rationale for sequential extracorporeal therapy (SET) in sepsis. <i>Critical Care</i> , 2023, 27, .	2.5	27
2739	Association of circulating MtDNA with CVD in hemodialysis patients and in vitro effect of exogenous MtDNA on cardiac microvascular inflammation. <i>BMC Cardiovascular Disorders</i> , 2023, 23, .	0.7	1
2740	Role of reactive oxygen species and mitochondrial damage in rheumatoid arthritis and targeted drugs. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	18
2741	Oxidized Mitochondrial DNA Engages TLR9 to Activate the NLRP3 Inflammasome in Myelodysplastic Syndromes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3896.	1.8	6
2742	Mitochondria on the move: Horizontal mitochondrial transfer in disease and health. <i>Journal of Cell Biology</i> , 2023, 222, .	2.3	19
2743	How to manage coagulopathies in critically ill patients. <i>Intensive Care Medicine</i> , 2023, 49, 273-290.	3.9	19
2744	Study on the relationship between selenium and cadmium in diseased human lungs. <i>Advances in Redox Research</i> , 2023, 7, 100065.	0.9	1
2745	Radiation-Induced Immunogenic Cell Death for Cancer Radioimmunotherapy. <i>Small Methods</i> , 2023, 7, .	4.6	14
2746	Click-crosslinked in-situ hydrogel improves the therapeutic effect in wound infections through antibacterial, antioxidant and anti-inflammatory activities. <i>Chemical Engineering Journal</i> , 2023, 461, 142092.	6.6	8
2747	Specific activation of cGAS-STING pathway by nanotherapeutics-mediated ferroptosis evoked endogenous signaling for boosting systemic tumor immunotherapy. <i>Science Bulletin</i> , 2023, 68, 622-636.	4.3	20
2748	Mitochondrial dynamics in macrophages: divide to conquer or unite to survive?. <i>Biochemical Society Transactions</i> , 2023, 51, 41-56.	1.6	2
2749	Interrelation Between the Immune and the Nervous Systems in the Context of Cerebellar Development and Developmental Disorders. <i>Contemporary Clinical Neuroscience</i> , 2023, , 337-362.	0.3	0
2750	Intestinal injury in cardiac arrest is associated with multiple organ dysfunction: A prospective cohort study. <i>Resuscitation</i> , 2023, 185, 109748.	1.3	0
2751	Putative Role of Neutrophil Extracellular Trap Formation in Chronic Myeloproliferative Neoplasms. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4497.	1.8	4

#	ARTICLE	IF	CITATIONS
2752	Intracellular DAMPs in Neurodegeneration and Their Role in Clinical Therapeutics. <i>Molecular Neurobiology</i> , 2023, 60, 3600-3616.	1.9	3
2753	Gut Microbiota: A Future Clinical Magic Bullet to Manifest Pathogenic Disease in the Current Future. <i>Journal of Pure and Applied Microbiology</i> , 2023, 17, 51-68.	0.3	0
2754	The levels of peripheral blood TNF- α , Decorin and neutrophils MAPK1 mRNA levels of patients with preeclampsia and their clinical significance. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2023, 36, .	0.7	2
2755	Not all Shock States Are Created Equal. <i>Anesthesiology Clinics</i> , 2023, 41, 1-25.	0.6	1
2756	The emerging roles of leukocyte cell-derived chemotaxin-2 in immune diseases: From mechanisms to therapeutic potential. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
2757	Efficient scarless skin regeneration enabled by loading micronized amnion in a bioinspired adhesive wound dressing. <i>Aggregate</i> , 2023, 4, .	5.2	3
2758	Biomimetic vascular tissue engineering by decellularized scaffold and concurrent cyclic tensile and shear stresses. <i>Journal of Materials Science: Materials in Medicine</i> , 2023, 34, .	1.7	0
2759	TFAM deficiency in dendritic cells leads to mitochondrial dysfunction and enhanced antitumor immunity through cGAS-STING pathway. , 2023, 11, e005430.		2
2760	Mitochondrial pores at the crossroad between cell death and inflammatory signaling. <i>Molecular Cell</i> , 2023, 83, 843-856.	4.5	6
2761	Targeting formyl peptide receptor 1 with <i>anteiso</i> - ϵ -C13 surfactin for neutrophil-dominated acute respiratory distress syndrome. <i>British Journal of Pharmacology</i> , 2023, 180, 2120-2139.	2.7	2
2763	Advances in intravital imaging of liver immunity using optical microscopy and labeling methods. , 2023, 1, 61-77.		2
2764	Prognostic Biomarkers to Predict Outcomes in Trauma. <i>Biomarkers in Disease</i> , 2023, , 105-129.	0.0	0
2765	Neutrophil-dependent mitochondrial DNA release associated with extracellular trap formation in Inflammatory Bowel Disease. , 2023, , .		0
2766	The Role of Mitochondria in Mediation of Skeletal Muscle Repair. , 2023, 2, 119-163.		4
2767	Damage-associated molecular patterns and sensing receptors based molecular subtypes in malignant pleural mesothelioma and implications for immunotherapy. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
2768	The Regulation of Neutrophil Migration in Patients with Sepsis: The Complexity of the Molecular Mechanisms and Their Modulation in Sepsis and the Heterogeneity of Sepsis Patients. <i>Cells</i> , 2023, 12, 1003.	1.8	1
2769	Acute rejection after liver transplantation with machine perfusion versus static cold storage: A systematic review and meta-analysis. <i>Hepatology</i> , 2023, 78, 835-846.	3.6	14
2770	Mitochondrial DNA Release in Innate Immune Signaling. <i>Annual Review of Biochemistry</i> , 2023, 92, 299-332.	5.0	21

#	ARTICLE	IF	CITATIONS
2771	Toxicant-induced injury and tissue repair. , 2023, , 207-238.		0
2772	Synovial fluid mitochondrial DNA concentration reflects the degree of cartilage damage after naturally occurring articular injury. Osteoarthritis and Cartilage, 2023, 31, 1056-1065.	0.6	1
2773	Mitochondria in innate immunity signaling and its therapeutic implications in autoimmune diseases. Frontiers in Immunology, 0, 14, .	2.2	0
2774	Mutual promotion of mitochondrial fission and oxidative stress contributes to mitochondrial-DNA-mediated inflammation and epithelial-mesenchymal transition in paraquat-induced pulmonary fibrosis. World Journal of Emergency Medicine, 2023, 14, .	0.5	1
2775	Extracorporeal Membrane Oxygenation Impacts Host Transcriptomic Response in Severe Coronavirus. , 2023, , .		0
2776	Pathogenetic Mechanisms of Organ Dysfunction in Severe Concomitant Trauma. Sklifosovsky Journal Emergency Medical Care, 2023, 12, 92-98.	0.3	1
2777	Can Neutrophils Prevent Nosocomial Pneumonia after Serious Injury?. International Journal of Molecular Sciences, 2023, 24, 7627.	1.8	1
2778	Intercellular mitochondrial transfer alleviates pyroptosis in dental pulp damage. Cell Proliferation, 2023, 56, .	2.4	2
2799	Systemic Response to Injury. , 2023, , 91-106.		0
2812	The NLRP3 inflammasome: role in the pathobiology of chronic pain. Inflammopharmacology, 2023, 31, 1589-1603.	1.9	6
2846	Danger associated molecular patterns, complements, and other novel biomarkers in trauma patient management. , 2024, , 682.e2-682.e8.		0
2861	General adaptation in critical illness 2: The glucocorticoid signaling system as a master rheostat of homeostatic corrections in concerted action with mitochondrial and essential micronutrient support. , 2024, , 263-287.		0
2874	Interorgan communication networks in the kidneyâ€“lung axis. Nature Reviews Nephrology, 2024, 20, 120-136.	4.1	1
2875	Cellular stress in the pathogenesis of nonalcoholic steatohepatitis and liver fibrosis. Nature Reviews Gastroenterology and Hepatology, 2023, 20, 662-678.	8.2	8
2884	Systemic inflammation, neuroinflammation and perioperative neurocognitive disorders. Inflammation Research, 2023, 72, 1895-1907.	1.6	2
2916	Local Onco-Sphere: Tumorâ€“Secretome Interaction. , 2023, , 101-124.		0
2931	ROS/Redox Signaling and Apoptosis/Necroptosis/Autophagy in Cancer. , 2023, , 133-172.		0
2938	Traumatic inflammatory response: pathophysiological role and clinical value of cytokines. European Journal of Trauma and Emergency Surgery, 0, , .	0.8	1

#	ARTICLE	IF	CITATIONS
2939	Type I interferons in metabolic syndrome. , 2024, , 187-197.		0
2941	Polytrauma. , 2024, , 171-189.		0
2961	A break in mitochondrial endosymbiosis as a basis for inflammatory diseases. Nature, 2024, 626, 271-279.	13.7	0