

Simon C Watkins

List of Publications by Year in descending order

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621
papers

54,978
citations

872

117
h-index

2243

201
g-index

628
all docs

628
docs citations

628
times ranked

65220
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis. <i>Nature Chemical Biology</i> , 2017, 13, 81-90.	8.0	1,589
2	Mechanism of transfer of functional microRNAs between mouse dendritic cells via exosomes. <i>Blood</i> , 2012, 119, 756-766.	1.4	1,164
3	Microbubbles Targeted to Intercellular Adhesion Molecule-1 Bind to Activated Coronary Artery Endothelial Cells. <i>Circulation</i> , 1998, 98, 1-5.	1.6	1,005
4	Skeletal Muscle Lipid Content and Insulin Resistance: Evidence for a Paradox in Endurance-Trained Athletes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5755-5761.	3.6	939
5	Endocytosis, intracellular sorting, and processing of exosomes by dendritic cells. <i>Blood</i> , 2004, 104, 3257-3266.	1.4	868
6	DNA α -based immunization by in vivo transfection of dendritic cells. <i>Nature Medicine</i> , 1996, 2, 1122-1128.	30.7	814
7	Cardiolipin externalization to the outer mitochondrial membrane acts as an elimination signal for mitophagy in neuronal cells. <i>Nature Cell Biology</i> , 2013, 15, 1197-1205.	10.3	792
8	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. <i>Nature Communications</i> , 2015, 6, 8472.	12.8	693
9	PEBP1 Wardens Ferroptosis by Enabling Lipoxygenase Generation of Lipid Death Signals. <i>Cell</i> , 2017, 171, 628-641.e26.	28.9	589
10	An Autophagy-Enhancing Drug Promotes Degradation of Mutant α_1 -Antitrypsin Z and Reduces Hepatic Fibrosis. <i>Science</i> , 2010, 329, 229-232.	12.6	565
11	The Tumor Microenvironment Represses T Cell Mitochondrial Biogenesis to Drive Intratumoral T Cell Metabolic Insufficiency and Dysfunction. <i>Immunity</i> , 2016, 45, 374-388.	14.3	504
12	Nitric Oxide Protects Cultured Rat Hepatocytes from Tumor Necrosis Factor- α -induced Apoptosis by Inducing Heat Shock Protein 70 Expression. <i>Journal of Biological Chemistry</i> , 1997, 272, 1402-1411.	3.4	494
13	Persistent Activation of ERK Contributes to Glutamate-induced Oxidative Toxicity in a Neuronal Cell Line and Primary Cortical Neuron Cultures. <i>Journal of Biological Chemistry</i> , 2000, 275, 12200-12206.	3.4	488
14	Telomerase activation by genomic rearrangements in high-risk neuroblastoma. <i>Nature</i> , 2015, 526, 700-704.	27.8	478
15	Basal Cells Are a Multipotent Progenitor Capable of Renewing the Bronchial Epithelium. <i>American Journal of Pathology</i> , 2004, 164, 577-588.	3.8	475
16	Inhibition and Role of let-7d in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 220-229.	5.6	454
17	Immunoelectron microscopic localization of dystrophin in myofibres. <i>Nature</i> , 1988, 333, 863-866.	27.8	450
18	Enterocyte TLR4 Mediates Phagocytosis and Translocation of Bacteria Across the Intestinal Barrier. <i>Journal of Immunology</i> , 2006, 176, 3070-3079.	0.8	440

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19	Mitochondrial Reactive Oxygen Species Induces NLRP3-Dependent Lysosomal Damage and Inflammasome Activation. <i>Journal of Immunology</i> , 2013, 191, 5230-5238.	0.8	439
20	Regulation of Autophagy by Extracellular Signal-Regulated Protein Kinases During 1-Methyl-4-Phenylpyridinium-Induced Cell Death. <i>American Journal of Pathology</i> , 2007, 170, 75-86.	3.8	428
21	Intramuscular lipid content is increased in obesity and decreased by weight loss. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 467-472.	3.4	419
22	Localization of dystrophin to postsynaptic regions of central nervous system cortical neurons. <i>Nature</i> , 1990, 348, 725-728.	27.8	409
23	CYR61 (CCN1) Is Essential for Placental Development and Vascular Integrity. <i>Molecular and Cellular Biology</i> , 2002, 22, 8709-8720.	2.3	380
24	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , 2018, 49, 740-753.e7.	14.3	377
25	Isolation of biologically-active exosomes from human plasma. <i>Journal of Immunological Methods</i> , 2014, 411, 55-65.	1.4	363
26	Caspase-3 Mediated Neuronal Death After Traumatic Brain Injury in Rats. <i>Journal of Neurochemistry</i> , 2000, 74, 740-753.	3.9	360
27	NF- κ B inhibition delays DNA damage-induced senescence and aging in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2601-2612.	8.2	358
28	Exosomes Derived from IL-10-Treated Dendritic Cells Can Suppress Inflammation and Collagen-Induced Arthritis. <i>Journal of Immunology</i> , 2005, 174, 6440-6448.	0.8	334
29	Functional Connectivity between Immune Cells Mediated by Tunneling Nanotubules. <i>Immunity</i> , 2005, 23, 309-318.	14.3	332
30	Innate Gender-based Proclivity in Response to Cytotoxicity and Programmed Cell Death Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 38563-38570.	3.4	324
31	Sulforaphane-induced Cell Death in Human Prostate Cancer Cells Is Initiated by Reactive Oxygen Species. <i>Journal of Biological Chemistry</i> , 2005, 280, 19911-19924.	3.4	321
32	In vivo differentiation potential of tracheal basal cells: evidence for multipotent and unipotent subpopulations. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L643-L649.	2.9	314
33	Comprehensive gene expression profiles reveal pathways related to the pathogenesis of chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14895-14900.	7.1	310
34	The Recruitment of Raf-1 to Membranes Is Mediated by Direct Interaction with Phosphatidic Acid and Is Independent of Association with Ras. <i>Journal of Biological Chemistry</i> , 2000, 275, 23911-23918.	3.4	290
35	Internalization of circulating apoptotic cells by splenic marginal zone dendritic cells: dependence on complement receptors and effect on cytokine production. <i>Blood</i> , 2003, 101, 611-620.	1.4	290
36	Intra-mitochondrial Poly(ADP-ribosylation) Contributes to NAD ⁺ Depletion and Cell Death Induced by Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2003, 278, 18426-18433.	3.4	282

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37	Dendritic Cells Acquire Antigens from Live Cells for Cross-Presentation to CTL. <i>Journal of Immunology</i> , 2001, 166, 3717-3723.	0.8	281
38	Platelet-derived HMGB1 is a critical mediator of thrombosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4638-4654.	8.2	281
39	Somatic reversion/suppression of the mouse mdx phenotype in vivo. <i>Journal of the Neurological Sciences</i> , 1990, 99, 9-25.	0.6	278
40	Phospholipase D and Its Product, Phosphatidic Acid, Mediate Agonist-dependent Raf-1 Translocation to the Plasma Membrane and the Activation of the Mitogen-activated Protein Kinase Pathway. <i>Journal of Biological Chemistry</i> , 1999, 274, 1131-1139.	3.4	275
41	Disabled-2 exhibits the properties of a cargo-selective endocytic clathrin adaptor. <i>EMBO Journal</i> , 2002, 21, 4915-4926.	7.8	269
42	Targeting Nitric Oxide (NO) Delivery <i>in Vivo</i> . Design of a Liver-Selective NO Donor Prodrug That Blocks Tumor Necrosis Factor- α -Induced Apoptosis and Toxicity in the Liver. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 1947-1954.	6.4	268
43	The role of inflammatory cytokines and nitric oxide in the pathogenesis of necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 1997, 32, 275-282.	1.6	261
44	Hsp70 Molecular Chaperone Facilitates Endoplasmic Reticulum-associated Protein Degradation of Cystic Fibrosis Transmembrane Conductance Regulator in Yeast. <i>Molecular Biology of the Cell</i> , 2001, 12, 1303-1314.	2.1	260
45	IL-18 α -induced CD83+CCR7+ NK helper cells. <i>Journal of Experimental Medicine</i> , 2005, 202, 941-953.	8.5	260
46	Increases in Bcl-2 and cleavage of caspase-1 and caspase-3 in human brain after head injury. <i>FASEB Journal</i> , 1999, 13, 813-821.	0.5	259
47	Autophagy Is Induced in CD4+ T Cells and Important for the Growth Factor-Withdrawal Cell Death. <i>Journal of Immunology</i> , 2006, 177, 5163-5168.	0.8	258
48	Clinical Trial to Assess the Safety, Feasibility, and Efficacy of Transferring a Potentially Anti-Arthritic Cytokine Gene to Human Joints with Rheumatoid Arthritis. University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania. <i>Human Gene Therapy</i> , 1996, 7, 1261-1280.	2.7	254
49	Filamin 2 (FLN2): A Muscle-specific Sarcoglycan Interacting Protein. <i>Journal of Cell Biology</i> , 2000, 148, 115-126.	5.2	253
50	The Globular Heads of C1q Specifically Recognize Surface Blebs of Apoptotic Vascular Endothelial Cells. <i>Journal of Immunology</i> , 2001, 166, 3231-3239.	0.8	247
51	Intranuclear localization of apoptosis-inducing factor (AIF) and large scale dna fragmentation after traumatic brain injury in rats and in neuronal cultures exposed to peroxynitrite. <i>Journal of Neurochemistry</i> , 2002, 82, 181-191.	3.9	245
52	Immunolocalization and developmental expression of dystrophin related protein in skeletal muscle. <i>Neuromuscular Disorders</i> , 1991, 1, 185-194.	0.6	242
53	Hydrogels derived from central nervous system extracellular matrix. <i>Biomaterials</i> , 2013, 34, 1033-1040.	11.4	237
54	Apoptosis-Suppressor Gene <i>bcl-2</i> Expression after Traumatic Brain Injury in Rats. <i>Journal of Neuroscience</i> , 1997, 17, 9172-9182.	3.6	235

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55	Prostanoid production via COX-2 as a causative mechanism of rodent postoperative ileus. <i>Gastroenterology</i> , 2001, 121, 1354-1371.	1.3	235
56	Donor dendritic cell-derived exosomes promote allograft-targeting immune response. <i>Journal of Clinical Investigation</i> , 2016, 126, 2805-2820.	8.2	228
57	Resolution of anaphase bridges in cancer cells. <i>Chromosoma</i> , 2004, 112, 389-97.	2.2	226
58	Exosomes As a Short-Range Mechanism to Spread Alloantigen between Dendritic Cells during T Cell Allorecognition. <i>Journal of Immunology</i> , 2008, 180, 3081-3090.	0.8	220
59	p53/HMGB1 Complexes Regulate Autophagy and Apoptosis. <i>Cancer Research</i> , 2012, 72, 1996-2005.	0.9	220
60	Efficient Inhibition of Intimal Hyperplasia by Adenovirus-Mediated Inducible Nitric Oxide Synthase Gene Transfer to Rats and Pigs in Vivo. <i>Journal of the American College of Surgeons</i> , 1998, 187, 295-306.	0.5	219
61	Localization of Phosphorylated ERK/MAP Kinases to Mitochondria and Autophagosomes in Lewy Body Diseases. <i>Brain Pathology</i> , 2003, 13, 473-481.	4.1	218
62	Oral-resident natural Th17 cells and $\gamma\delta$ T cells control opportunistic <i>Candida albicans</i> infections. <i>Journal of Experimental Medicine</i> , 2014, 211, 2075-2084.	8.5	217
63	Expression of Inducible Nitric Oxide Synthase and Interleukin-12 in Experimental Necrotizing Enterocolitis. <i>Journal of Surgical Research</i> , 2000, 92, 71-77.	1.6	210
64	Carbon Monoxide Induces Cytoprotection in Rat Orthotopic Lung Transplantation via Anti-Inflammatory and Anti-Apoptotic Effects. <i>American Journal of Pathology</i> , 2003, 163, 231-242.	3.8	207
65	Cellular content and permeability of intraluminal thrombus in abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , 1997, 25, 916-926.	1.1	200
66	Impaired wound healing and angiogenesis in eNOS-deficient mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H1600-H1608.	3.2	200
67	Inducible nitric oxide synthase is an endogenous neuroprotectant after traumatic brain injury in rats and mice. <i>Journal of Clinical Investigation</i> , 1999, 104, 647-656.	8.2	200
68	Dermal-resident CD14+ cells differentiate into Langerhans cells. <i>Nature Immunology</i> , 2001, 2, 1151-1158.	14.5	200
69	Mitochondrial Localization and Function of Heme Oxygenase-1 in Cigarette Smoke-Induced Cell Death. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 409-417.	2.9	200
70	Gene transfer to human joints: Progress toward a gene therapy of arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8698-8703.	7.1	198
71	4-1BB costimulation induces T cell mitochondrial function and biogenesis enabling cancer immunotherapeutic responses. <i>Journal of Experimental Medicine</i> , 2018, 215, 1091-1100.	8.5	197
72	Biophysical insight into mechanisms of sonoporation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9983-9988.	7.1	194

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73	Regulation of Sar1 NH2 terminus by GTP binding and hydrolysis promotes membrane deformation to control COPII vesicle fission. <i>Journal of Cell Biology</i> , 2005, 171, 919-924.	5.2	186
74	STING Contributes to Antiglioma Immunity via Triggering Type I IFN Signals in the Tumor Microenvironment. <i>Cancer Immunology Research</i> , 2014, 2, 1199-1208.	3.4	185
75	Starving Neurons Show Sex Difference in Autophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 2383-2396.	3.4	180
76	Targeted and Persistent 8-Oxoguanine Base Damage at Telomeres Promotes Telomere Loss and Crisis. <i>Molecular Cell</i> , 2019, 75, 117-130.e6.	9.7	179
77	DC-SIGN Is a Receptor for Human Herpesvirus 8 on Dendritic Cells and Macrophages. <i>Journal of Immunology</i> , 2006, 176, 1741-1749.	0.8	178
78	Aspirin Inhibits In Vitro Maturation and In Vivo Immunostimulatory Function of Murine Myeloid Dendritic Cells. <i>Journal of Immunology</i> , 2001, 166, 7053-7062.	0.8	177
79	The complex genetics of hypoplastic left heart syndrome. <i>Nature Genetics</i> , 2017, 49, 1152-1159.	21.4	177
80	Mitochondrial hyperfusion induced by loss of the fission protein Drp1 causes ATM-dependent G2/M arrest and aneuploidy through DNA replication stress. <i>Journal of Cell Science</i> , 2012, 125, 5745-5757.	2.0	171
81	A Role for Class A Scavenger Receptor in Dendritic Cell Nibbling from Live Cells. <i>Journal of Immunology</i> , 2003, 170, 2302-2309.	0.8	167
82	Disruption of muscle membrane and phenotype divergence in two novel mouse models of dysferlin deficiency. <i>Human Molecular Genetics</i> , 2004, 13, 1999-2010.	2.9	166
83	Lipopolysaccharide Clearance, Bacterial Clearance, and Systemic Inflammatory Responses Are Regulated by Cell Type-Specific Functions of TLR4 during Sepsis. <i>Journal of Immunology</i> , 2013, 190, 5152-5160.	0.8	165
84	Fatty acid synthase is up-regulated during hepatitis C virus infection and regulates hepatitis C virus entry and production. <i>Hepatology</i> , 2008, 48, 1396-1403.	7.3	164
85	Inducible Nitric Oxide Synthase Expression in Cerebrovascular Smooth Muscle and Neutrophils after Traumatic Brain Injury in Immature Rats. <i>Pediatric Research</i> , 1996, 39, 784-790.	2.3	162
86	<i>Pseudomonas aeruginosa</i> utilizes host polyunsaturated phosphatidylethanolamines to trigger theft-ferroptosis in bronchial epithelium. <i>Journal of Clinical Investigation</i> , 2018, 128, 4639-4653.	8.2	159
87	The autosomal recessive hypercholesterolemia (ARH) protein interfaces directly with the clathrin-coat machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 16099-16104.	7.1	158
88	Impaired Clearance and Enhanced Pulmonary Inflammatory/Fibrotic Response to Carbon Nanotubes in Myeloperoxidase-Deficient Mice. <i>PLoS ONE</i> , 2012, 7, e30923.	2.5	156
89	Neuronal Peptide Release Is Limited by Secretory Granule Mobility. <i>Neuron</i> , 1997, 19, 1095-1102.	8.1	153
90	Epsin 1 is a Polyubiquitin-Selective Clathrin-Associated Sorting Protein. <i>Traffic</i> , 2006, 7, 262-281.	2.7	153

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91	Std1 and Mth1 Proteins Interact with the Glucose Sensors To Control Glucose-Regulated Gene Expression in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1999, 19, 4561-4571.	2.3	151
92	Autophagy is Increased after Traumatic Brain Injury in Mice and is Partially Inhibited by the Antioxidant β -glutamylcysteinyl Ethyl Ester. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 540-550.	4.3	150
93	A theoretical and non-destructive experimental approach for direct inclusion of measured collagen orientation and recruitment into mechanical models of the artery wall. <i>Journal of Biomechanics</i> , 2012, 45, 762-771.	2.1	149
94	The Mechanism of Unresponsiveness to Circulating Tumor Antigen MUC1 Is a Block in Intracellular Sorting and Processing by Dendritic Cells. <i>Journal of Immunology</i> , 2000, 165, 3730-3741.	0.8	148
95	Sinusoidal ultrastructure evaluated during the revascularization of regenerating rat liver. <i>Hepatology</i> , 2001, 33, 363-378.	7.3	146
96	Testosterone Activates Mitogen-Activated Protein Kinase via Src Kinase and the Epidermal Growth Factor Receptor in Sertoli Cells. <i>Endocrinology</i> , 2007, 148, 2066-2074.	2.8	146
97	Maturation and Trafficking of Monocyte-Derived Dendritic Cells in Monkeys: Implications for Dendritic Cell-Based Vaccines. <i>Journal of Immunology</i> , 2000, 164, 2487-2495.	0.8	144
98	Memory CD4+ T Cells Are the Earliest Detectable Human Immunodeficiency Virus Type 1 (HIV-1)-Infected Cells in the Female Genital Mucosal Tissue during HIV-1 Transmission in an Organ Culture System. <i>Journal of Virology</i> , 2002, 76, 9868-9876.	3.4	144
99	An Intracellular Serpin Regulates Necrosis by Inhibiting the Induction and Sequelae of Lysosomal Injury. <i>Cell</i> , 2007, 130, 1108-1119.	28.9	144
100	Human tumor-derived exosomes (TEX) regulate Treg functions via cell surface signaling rather than uptake mechanisms. <i>Oncolmmunology</i> , 2017, 6, e1261243.	4.6	143
101	Transforming Growth Factor β 2 Blocks Tec Kinase Phosphorylation, Ca ²⁺ Influx, and NFATc Translocation Causing Inhibition of T Cell Differentiation. <i>Journal of Experimental Medicine</i> , 2003, 197, 1689-1699.	8.5	141
102	Spatiotemporal expression of angiogenesis growth factor receptors during the revascularization of regenerating rat liver. <i>Hepatology</i> , 2001, 34, 1135-1148.	7.3	137
103	Autophagy is increased in mice after traumatic brain injury and is detectable in human brain after trauma and critical illness. <i>Autophagy</i> , 2008, 4, 88-90.	9.1	137
104	The engineering of organized human corneal tissue through the spatial guidance of corneal stromal stem cells. <i>Biomaterials</i> , 2012, 33, 1343-1352.	11.4	135
105	Efficiency of Protein Transduction Is Cell Type-dependent and Is Enhanced by Dextran Sulfate. <i>Journal of Biological Chemistry</i> , 2002, 277, 30208-30218.	3.4	134
106	Generation of FGF reporter transgenic zebrafish and their utility in chemical screens. <i>BMC Developmental Biology</i> , 2007, 7, 62.	2.1	134
107	The IL-33/ST2 axis augments effector T-cell responses during acute GVHD. <i>Blood</i> , 2015, 125, 3183-3192.	1.4	133
108	A genetically targetable near-infrared photosensitizer. <i>Nature Methods</i> , 2016, 13, 263-268.	19.0	133

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109	Conjugated Linoleic Acid Is a Preferential Substrate for Fatty Acid Nitration. <i>Journal of Biological Chemistry</i> , 2012, 287, 44071-44082.	3.4	131
110	Streptolysin O clearance through sequestration into blebs that bud passively from the plasma membrane. <i>Journal of Cell Science</i> , 2011, 124, 2414-2423.	2.0	128
111	Sunitinib facilitates the activation and recruitment of therapeutic anti-tumor immunity in concert with specific vaccination. <i>International Journal of Cancer</i> , 2011, 129, 2158-2170.	5.1	127
112	Lung Macrophages Digest Carbon Nanotubes Using a Superoxide/Peroxynitrite Oxidative Pathway. <i>ACS Nano</i> , 2014, 8, 5610-5621.	14.6	127
113	Inducible expression of keratinocyte growth factor (KGF) in mice inhibits lung epithelial cell death induced by hyperoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6098-6103.	7.1	126
114	Nitric Oxide and Ionizing Radiation Synergistically Promote Apoptosis and Growth Inhibition of Cancer by Activating p53. <i>Cancer Research</i> , 2004, 64, 8015-8021.	0.9	126
115	Necrotic Cell Death in Response to Oxidant Stress Involves the Activation of the Apoptogenic Caspase-8/Bid Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 29184-29191.	3.4	124
116	Distinct Golgi Populations of Phosphatidylinositol 4-Phosphate Regulated by Phosphatidylinositol 4-Kinases. <i>Journal of Biological Chemistry</i> , 2005, 280, 10501-10508.	3.4	123
117	A Single Common Portal for Clathrin-mediated Endocytosis of Distinct Cargo Governed by Cargo-selective Adaptors. <i>Molecular Biology of the Cell</i> , 2006, 17, 4300-4317.	2.1	118
118	Differential Effects of Nonselective Nitric Oxide Synthase (NOS) and Selective Inducible NOS Inhibition on Hepatic Necrosis, Apoptosis, ICAM-1 Expression, and Neutrophil Accumulation during Endotoxemia. <i>Nitric Oxide - Biology and Chemistry</i> , 1997, 1, 404-416.	2.7	117
119	Downregulation of Endothelin-1 by Farnesoid X Receptor in Vascular Endothelial Cells. <i>Circulation Research</i> , 2006, 98, 192-199.	4.5	117
120	Widespread and Stable Pancreatic Gene Transfer by Adeno-Associated Virus Vectors via Different Routes. <i>Diabetes</i> , 2006, 55, 875-884.	0.6	117
121	Morphogenetic events in mixed cultures of rat hepatocytes and nonparenchymal cells maintained in biological matrices in the presence of hepatocyte growth factor and epidermal growth factor. <i>Hepatology</i> , 1999, 29, 90-100.	7.3	116
122	Phosphatidylinositol 4-Phosphate Formation at ER Exit Sites Regulates ER Export. <i>Developmental Cell</i> , 2006, 11, 671-682.	7.0	116
123	Personalized Exposure Assessment: Promising Approaches for Human Environmental Health Research. <i>Environmental Health Perspectives</i> , 2005, 113, 840-848.	6.0	115
124	Lyophilization of Cationic Lipid-protamine-DNA (LPD) Complexes. , 2000, 89, 355-364.		113
125	Inducible nitric oxide synthase (iNOS) expression upregulates p21 and inhibits vascular smooth muscle cell proliferation through p42/44 mitogen-activated protein kinase activation and independent of p53 and cyclic guanosine monophosphate. <i>Journal of Vascular Surgery</i> , 2000, 31, 1214-1228.	1.1	113
126	Proteomic Profiling Reveals a Specific Role for Translesion DNA Polymerase η in the Alternative Lengthening of Telomeres. <i>Cell Reports</i> , 2016, 17, 1858-1871.	6.4	113

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127	Gene Transfer of Manganese Superoxide Dismutase Extends Islet Graft Function in a Mouse Model of Autoimmune Diabetes. <i>Diabetes</i> , 2003, 52, 387-393.	0.6	112
128	Peroxisomal localization of inducible nitric oxide synthase in hepatocytes. <i>Hepatology</i> , 2002, 36, 81-93.	7.3	109
129	High Mobility Group Box I (HMGB1) Release From Tumor Cells After Treatment: Implications for Development of Targeted Chemoimmunotherapy. <i>Journal of Immunotherapy</i> , 2007, 30, 596-606.	2.4	109
130	Cholesterol-dependent cytolysins induce rapid release of mature IL-1 β from murine macrophages in a NLRP3 inflammasome and cathepsin B-dependent manner. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1227-1238.	3.3	109
131	Overexpression of Tumor Necrosis Factor- α Activates Both Anti- and Pro-Apoptotic Pathways in the Myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 1331-1344.	1.9	108
132	bcl-2 Antisense Treatment Prevents Induction of Tolerance to Focal Ischemia in the Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 233-243.	4.3	108
133	Vascular Gene Transfer of the Human Inducible Nitric Oxide Synthase: Characterization of Activity and Effects on Myointimal Hyperplasia. <i>Molecular Medicine</i> , 1996, 2, 211-225.	4.4	107
134	Quantitative Biochemical and Ultrastructural Comparison of Mitochondrial Permeability Transition in Isolated Brain and Liver Mitochondria: Evidence for Reduced Sensitivity of Brain Mitochondria. <i>Experimental Neurology</i> , 2000, 164, 415-425.	4.1	107
135	Changes Induced by Physical Activity and Weight Loss in the Morphology of Intermyofibrillar Mitochondria in Obese Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3224-3227.	3.6	107
136	An ATR and CHK1 kinase signaling mechanism that limits origin firing during unperturbed DNA replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13374-13383.	7.1	107
137	Spatial Localization of m-Calpain to the Plasma Membrane by Phosphoinositide Biphosphate Binding during Epidermal Growth Factor Receptor-Mediated Activation. <i>Molecular and Cellular Biology</i> , 2006, 26, 5481-5496.	2.3	105
138	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. <i>Redox Biology</i> , 2018, 17, 259-273.	9.0	103
139	Chemoptogenetic damage to mitochondria causes rapid telomere dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18435-18444.	7.1	103
140	Elevated Levels of Hepatocyte Nuclear Factor 3 β in Mouse Hepatocytes Influence Expression of Genes Involved in Bile Acid and Glucose Homeostasis. <i>Molecular and Cellular Biology</i> , 2000, 20, 8264-8282.	2.3	102
141	THE ROLES OF iNOS IN LIVER ISCHEMIA-REPERFUSION INJURY. <i>Shock</i> , 2001, 16, 355-360.	2.1	101
142	Identification of poly(ADP-ribose)ylated mitochondrial proteins after traumatic brain injury. <i>Journal of Neurochemistry</i> , 2008, 104, 1700-1711.	3.9	100
143	Development of Approaches to Improve the Healing following Muscle Contusion. <i>Cell Transplantation</i> , 1998, 7, 585-598.	2.5	99
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