

Martin A Herrmann

List of Publications by Year in descending order

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Version: 2024-02-01

369
papers

29,422
citations

5574

82
h-index

6300

158
g-index

392
all docs

392
docs citations

392
times ranked

33838
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunosuppressive effects of apoptotic cells. <i>Nature</i> , 1997, 390, 350-351.	27.8	1,664
2	Impairment of neutrophil extracellular trap degradation is associated with lupus nephritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9813-9818.	7.1	1,201
3	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
4	Impaired phagocytosis of apoptotic cell material by monocyte-derived macrophages from patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1998, 41, 1241-1250.	6.7	763
5	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. <i>Nature Medicine</i> , 2014, 20, 511-517.	30.7	734
6	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	4.6	686
7	A rapid and simple method for the isolation of apoptotic DNA fragments. <i>Nucleic Acids Research</i> , 1994, 22, 5506-5507.	14.5	619
8	Preoperative chemoradiotherapy and postoperative chemotherapy with fluorouracil and oxaliplatin versus fluorouracil alone in locally advanced rectal cancer: initial results of the German CAO/ARO/AIO-04 randomised phase 3 trial. <i>Lancet Oncology</i> , 2012, 13, 679-687.	10.7	585
9	The role of defective clearance of apoptotic cells in systemic autoimmunity. <i>Nature Reviews Rheumatology</i> , 2010, 6, 280-289.	8.0	533
10	Impaired uptake of apoptotic cells into tingible body macrophages in germinal centers of patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2002, 46, 191-201.	6.7	507
11	Phosphatidylserine is a global immunosuppressive signal in efferocytosis, infectious disease, and cancer. <i>Cell Death and Differentiation</i> , 2016, 23, 962-978.	11.2	506
12	Guidelines for the use of flow cytometry and cell sorting in immunological studies [*] . <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	2.9	505
13	Induction of inflammatory and immune responses by HMGB1 nucleosome complexes: implications for the pathogenesis of SLE. <i>Journal of Experimental Medicine</i> , 2008, 205, 3007-3018.	8.5	467
14	Release of High Mobility Group Box 1 by Dendritic Cells Controls T Cell Activation via the Receptor for Advanced Glycation End Products. <i>Journal of Immunology</i> , 2005, 174, 7506-7515.	0.8	462
15	Host DNases prevent vascular occlusion by neutrophil extracellular traps. <i>Science</i> , 2017, 358, 1202-1206.	12.6	426
16	Short-chain fatty acids regulate systemic bone mass and protect from pathological bone loss. <i>Nature Communications</i> , 2018, 9, 55.	12.8	393
17	Extensive Immunoglobulin Production Sensitizes Myeloma Cells for Proteasome Inhibition. <i>Cancer Research</i> , 2007, 67, 1783-1792.	0.9	373
18	Vascular occlusion by neutrophil extracellular traps in COVID-19. <i>EBioMedicine</i> , 2020, 58, 102925.	6.1	369

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19	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	4.8	317
20	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019, 26, 395-408.	11.2	295
21	Altered skeletal expression of sclerostin and its link to radiographic progression in ankylosing spondylitis. <i>Arthritis and Rheumatism</i> , 2009, 60, 3257-3262.	6.7	282
22	Regulation of autoantibody activity by the IL-23/TH17 axis determines the onset of autoimmune disease. <i>Nature Immunology</i> , 2017, 18, 104-113.	14.5	274
23	Clearance deficiency and systemic lupus erythematosus (SLE). <i>Journal of Autoimmunity</i> , 2007, 28, 114-121.	6.5	260
24	New Insights into Neutrophil Extracellular Traps: Mechanisms of Formation and Role in Inflammation. <i>Frontiers in Immunology</i> , 2016, 7, 302.	4.8	257
25	Survivin as a Radioresistance Factor, and Prognostic and Therapeutic Target for Radiotherapy in Rectal Cancer. <i>Cancer Research</i> , 2005, 65, 4881-4887.	0.9	248
26	Clearance Deficiency and Cell Death Pathways: A Model for the Pathogenesis of SLE. <i>Frontiers in Immunology</i> , 2016, 7, 35.	4.8	223
27	Resolution of inflammation by interleukin-9-producing type 2 innate lymphoid cells. <i>Nature Medicine</i> , 2017, 23, 938-944.	30.7	223
28	A network of trans-cortical capillaries as mainstay for blood circulation in long bones. <i>Nature Metabolism</i> , 2019, 1, 236-250.	11.9	221
29	Cytotoxicity of crystals involves RIPK3-MLKL-mediated necroptosis. <i>Nature Communications</i> , 2016, 7, 10274.	12.8	220
30	Integrin $\alpha 5 \beta 1$ facilitates cancer cell invasion through enhanced contractile forces. <i>Journal of Cell Science</i> , 2011, 124, 369-383.	2.0	219
31	Glycosylation of immunoglobulin G determines osteoclast differentiation and bone loss. <i>Nature Communications</i> , 2015, 6, 6651.	12.8	212
32	Externalized decondensed neutrophil chromatin occludes pancreatic ducts and drives pancreatitis. <i>Nature Communications</i> , 2016, 7, 10973.	12.8	207
33	12/15-Lipoxygenase Orchestrates the Clearance of Apoptotic Cells and Maintains Immunologic Tolerance. <i>Immunity</i> , 2012, 36, 834-846.	14.3	204
34	Accumulation of apoptotic cells in the epidermis of patients with cutaneous lupus erythematosus after ultraviolet irradiation. <i>Arthritis and Rheumatism</i> , 2006, 54, 939-950.	6.7	200
35	PMA and crystal-induced neutrophil extracellular trap formation involves RIPK1/RIPK3/MLKL signaling. <i>European Journal of Immunology</i> , 2016, 46, 223-229.	2.9	200
36	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). <i>European Journal of Immunology</i> , 2021, 51, 2708-3145.	2.9	198

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37	High levels of circulating early apoptic peripheral blood mononuclear cells in systemic lupus erythematosus. <i>Lupus</i> , 1998, 7, 113-118.	1.6	194
38	Apoptosis in the pathogenesis of systemic lupus erythematosus. <i>Lupus</i> , 2008, 17, 371-375.	1.6	189
39	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021, 28, 3125-3139.	11.2	189
40	SLEâ€”a disease of clearance deficiency?. <i>Rheumatology</i> , 2005, 44, 1101-1107.	1.9	185
41	The evolution of human anti-double-stranded DNA autoantibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9258-9263.	7.1	185
42	Impaired clearance of dying cells in systemic lupus erythematosus. <i>Autoimmunity Reviews</i> , 2005, 4, 189-194.	5.8	183
43	Leishmania disease development depends on the presence of apoptotic promastigotes in the virulent inoculum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13837-13842.	7.1	179
44	Radiobiological mechanisms in inflammatory diseases of low-dose radiation therapy. <i>International Journal of Radiation Biology</i> , 2007, 83, 357-366.	1.8	173
45	In vitro apoptosis and expression of apoptosis-related molecules in lymphocytes from patients with systemic lupus erythematosus and other autoimmune diseases. <i>Arthritis and Rheumatism</i> , 1997, 40, 306-317.	6.7	169
46	CTLA-4 directly inhibits osteoclast formation. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1603-1609.	0.9	163
47	Sodium Overload and Water Influx Activate the NALP3 Inflammasome. <i>Journal of Biological Chemistry</i> , 2011, 286, 35-41.	3.4	162
48	Monosodium urate crystals induce extracellular DNA traps in neutrophils, eosinophils, and basophils but not in mononuclear cells. <i>Frontiers in Immunology</i> , 2012, 3, 277.	4.8	161
49	Inhibition of Phosphatidylserine Recognition Heightens the Immunogenicity of Irradiated Lymphoma Cells In Vivo. <i>Journal of Experimental Medicine</i> , 2004, 200, 1157-1165.	8.5	159
50	Complement binding is an early feature of necrotic and a rather late event during apoptotic cell death. <i>Cell Death and Differentiation</i> , 2001, 8, 327-334.	11.2	152
51	Dying cell clearance and its impact on the outcome of tumor radiotherapy. <i>Frontiers in Oncology</i> , 2012, 2, 116.	2.8	152
52	Clearance of Fetuin-Aâ€”Containing Calciprotein Particles Is Mediated by Scavenger Receptor-A. <i>Circulation Research</i> , 2012, 111, 575-584.	4.5	150
53	Autoimmunity and chronic inflammation â€” Two clearance-related steps in the etiopathogenesis of SLE. <i>Autoimmunity Reviews</i> , 2010, 10, 38-42.	5.8	147
54	Redox Modulation of HMGB1-Related Signaling. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1075-1085.	5.4	143

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55	IgA subclasses have different effector functions associated with distinct glycosylation profiles. <i>Nature Communications</i> , 2020, 11, 120.	12.8	141
56	Histone-specific Th0 and Th1 clones derived from systemic lupus erythematosus patients induce double-stranded DNA antibody production. <i>Arthritis and Rheumatism</i> , 1997, 40, 2162-2171.	6.7	136
57	Factors masking HMGB1 in human serum and plasma. <i>Journal of Leukocyte Biology</i> , 2007, 81, 67-74.	3.3	136
58	Lysosome-Targeting Amplifiers of Reactive Oxygen Species as Anticancer Prodrugs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15545-15549.	13.8	132
59	Extracellular DNA traps in inflammation, injury and healing. <i>Nature Reviews Nephrology</i> , 2019, 15, 559-575.	9.6	129
60	Etiopathogenesis of systemic lupus erythematosus. <i>Trends in Immunology</i> , 2000, 21, 424-426.	7.5	128
61	Nanoparticles size-dependently initiate self-limiting NETosis-driven inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5856-E5865.	7.1	128
62	Phospholipids: Key Players in Apoptosis and Immune Regulation. <i>Molecules</i> , 2009, 14, 4892-4914.	3.8	126
63	Role of apoptosis in autoimmunity. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2000, 5, 443-449.	4.9	119
64	Dangerous attraction: phagocyte recruitment and danger signals of apoptotic and necrotic cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1007-1028.	4.9	119
65	Physical phenotype of blood cells is altered in COVID-19. <i>Biophysical Journal</i> , 2021, 120, 2838-2847.	0.5	118
66	Experimental lupus is aggravated in mouse strains with impaired induction of neutrophil extracellular traps. <i>JCI Insight</i> , 2017, 2, .	5.0	115
67	Neutrophil Extracellular Traps Initiate Gallstone Formation. <i>Immunity</i> , 2019, 51, 443-450.e4.	14.3	115
68	Manage-Trois: The Ratio of Bicarbonate to CO2 and the pH Regulate the Capacity of Neutrophils to Form NETs. <i>Frontiers in Immunology</i> , 2016, 7, 583.	4.8	112
69	Anti-inflammatory effect of low-dose X-irradiation and the involvement of a TGF- β 1 -induced down-regulation of leukocyte/endothelial cell adhesion. <i>International Journal of Radiation Biology</i> , 2002, 78, 711-719.	1.8	111
70	Amyloidogenic amyloid- β -peptide variants induce microbial agglutination and exert antimicrobial activity. <i>Scientific Reports</i> , 2016, 6, 32228.	3.3	110
71	Low-dose radiotherapy selectively reduces adhesion of peripheral blood mononuclear cells to endothelium in vitro. <i>Radiotherapy and Oncology</i> , 2000, 54, 273-282.	0.6	108
72	Remnants of secondarily necrotic cells fuel inflammation in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2009, 60, 1733-1742.	6.7	107

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73	Decrease of sialic acid residues as an <i>eat-me</i> signal on the surface of apoptotic lymphocytes. <i>Journal of Cell Science</i> , 2010, 123, 3347-3356.	2.0	107
74	The complement system drives local inflammatory tissue priming by metabolic reprogramming of synovial fibroblasts. <i>Immunity</i> , 2021, 54, 1002-1021.e10.	14.3	106
75	Acetylated histones contribute to the immunostimulatory potential of neutrophil extracellular traps in systemic lupus erythematosus. <i>Clinical and Experimental Immunology</i> , 2014, 179, 68-74.	2.6	103
76	An outer membrane channel protein of <i>Mycobacterium tuberculosis</i> with exotoxin activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6750-6755.	7.1	102
77	Neutrophilia and NETopathy as Key Pathologic Drivers of Progressive Lung Impairment in Patients With COVID-19. <i>Frontiers in Pharmacology</i> , 2020, 11, 870.	3.5	100
78	Biochemical insight into physiological effects of H ₂ S: reaction with peroxynitrite and formation of a new nitric oxide donor, sulfinyl nitrite. <i>Biochemical Journal</i> , 2012, 441, 609-621.	3.7	99
79	Cooperation between C1q and DNase I in the clearance of necrotic cell-derived chromatin. <i>Arthritis and Rheumatism</i> , 2004, 50, 640-649.	6.7	96
80	Imbalance of Circulating Th17 and Regulatory T Cells in Alzheimer's Disease: A Case Control Study. <i>Frontiers in Immunology</i> , 2018, 9, 1213.	4.8	96
81	Working with H ₂ S: Facts and apparent artifacts. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 41, 85-96.	2.7	95
82	Aggregated neutrophil extracellular traps resolve inflammation by proteolysis of cytokines and chemokines and protection from antiproteases. <i>FASEB Journal</i> , 2019, 33, 1401-1414.	0.5	90
83	Bonding the foe – NETting neutrophils immobilize the pro-inflammatory monosodium urate crystals. <i>Frontiers in Immunology</i> , 2012, 3, 376.	4.8	87
84	Cleaved N-terminal histone tails distinguish between NADPH oxidase (NOX)-dependent and NOX-independent pathways of neutrophil extracellular trap formation. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1790-1798.	0.9	86
85	Macrophages Discriminate Glycosylation Patterns of Apoptotic Cell-derived Microparticles. <i>Journal of Biological Chemistry</i> , 2012, 287, 496-503.	3.4	85
86	Involvement of phosphatidylserine, β 2, CD14, CD36, and complement C1q in the phagocytosis of primary necrotic lymphocytes by macrophages. <i>Arthritis and Rheumatism</i> , 2006, 54, 927-938.	6.7	82
87	Inefficient clearance of dying cells in patients with SLE: anti-dsDNA autoantibodies, MFG-E8, HMGB-1 and other players. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1098-1113.	4.9	82
88	Clearance deficiency – A potential link between infections and autoimmunity. <i>Autoimmunity Reviews</i> , 2008, 8, 5-8.	5.8	81
89	Mitochondria Permeability Transition versus Necroptosis in Oxalate-Induced AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1857-1869.	6.1	81
90	Enzymatic lipid oxidation by eosinophils propagates coagulation, hemostasis, and thrombotic disease. <i>Journal of Experimental Medicine</i> , 2017, 214, 2121-2138.	8.5	78

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91	Hyperoxaluria Requires TNF Receptors to Initiate Crystal Adhesion and Kidney Stone Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 761-768.	6.1	78
92	After shrinkage apoptotic cells expose internal membrane-derived epitopes on their plasma membranes. <i>Cell Death and Differentiation</i> , 2007, 14, 733-742.	11.2	77
93	In vitro apoptosis in peripheral blood mononuclear cells induced by low-dose radiotherapy displays a discontinuous dose-dependence. <i>International Journal of Radiation Biology</i> , 1999, 75, 995-1003.	1.8	73
94	Treatment with annexin V increases immunogenicity of apoptotic human T-cells in Balb/c mice. <i>Cell Death and Differentiation</i> , 2000, 7, 911-915.	11.2	73
95	Galectin-3 binds <i>Neisseria meningitidis</i> and increases interaction with phagocytic cells. <i>Cellular Microbiology</i> , 2012, 14, 1657-1675.	2.1	73
96	The cathelicidins LL-37 and rCRAMP are associated with pathogenic events of arthritis in humans and rats. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1239-1248.	0.9	73
97	Inflammatory etiopathogenesis of systemic lupus erythematosus: an update. <i>Journal of Inflammation Research</i> , 2015, 8, 161.	3.5	72
98	Viable, apoptotic and necrotic monocytes expose phosphatidylserine: cooperative binding of the ligand Annexin V to dying but not viable cells and implications for PS-dependent clearance. <i>Cell Death and Differentiation</i> , 2005, 12, 194-196.	11.2	69
99	Sweet but dangerous – the role of immunoglobulin G glycosylation in autoimmunity and inflammation. <i>Lupus</i> , 2016, 25, 934-942.	1.6	69
100	Immune response in COVID-19: what is next?. <i>Cell Death and Differentiation</i> , 2022, 29, 1107-1122.	11.2	69
101	Transcriptional Activation of Endogenous Retroviral Sequences in Human Epidermal Keratinocytes by UVB Irradiation. <i>Journal of Investigative Dermatology</i> , 1999, 113, 587-594.	0.7	67
102	The Role of Annexin A5 in the Modulation of the Immune Response Against Dying and Dead Cells. <i>Current Medicinal Chemistry</i> , 2007, 14, 271-277.	2.4	67
103	Inflammatory clearance of apoptotic remnants in systemic lupus erythematosus (SLE). <i>Autoimmunity Reviews</i> , 2008, 8, 9-12.	5.8	66
104	Cell Surface Externalization of Annexin A1 as a Failsafe Mechanism Preventing Inflammatory Responses during Secondary Necrosis. <i>Journal of Immunology</i> , 2009, 183, 8138-8147.	0.8	66
105	The role of dead cell clearance in the etiology and pathogenesis of systemic lupus erythematosus: dendritic cells as potential targets. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1151-1164.	3.0	65
106	Altered glycosylation of complexed native IgG molecules is associated with disease activity of systemic lupus erythematosus. <i>Lupus</i> , 2015, 24, 569-581.	1.6	64
107	Intimate Cell Conjugate Formation and Exchange of Membrane Lipids Precede Apoptosis Induction in Target Cells during Antibody-Dependent, Granulocyte-Mediated Cytotoxicity. <i>Journal of Immunology</i> , 2007, 179, 337-345.	0.8	63
108	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.	0.8	63

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109	The role of somatic hypermutation in the generation of pathogenic antibodies in SLE. <i>Autoimmunity</i> , 2013, 46, 121-127.	2.6	62
110	Polymorphonuclear Granulocytes Induce Antibody-Dependent Apoptosis in Human Breast Cancer Cells. <i>Journal of Immunology</i> , 2003, 171, 5124-5129.	0.8	61
111	How neutrophil extracellular traps orchestrate the local immune response in gout. <i>Journal of Molecular Medicine</i> , 2015, 93, 727-734.	3.9	61
112	The Induction of TGF- β 1 and NF- κ B Parallels a Biphasic Time Course of Leukocyte/Endothelial Cell Adhesion Following Low-Dose X-Irradiation. <i>Strahlentherapie Und Onkologie</i> , 2004, 180, 194-200.	2.0	60
113	Autoantibodies against Modified Histone Peptides in SLE Patients Are Associated with Disease Activity and Lupus Nephritis. <i>PLoS ONE</i> , 2016, 11, e0165373.	2.5	60
114	Apoptosis and systemic lupus erythematosus. <i>Rheumatic Disease Clinics of North America</i> , 2004, 30, 505-527.	1.9	59
115	High frequency of autoantibody-secreting cells and long-lived plasma cells within inflamed kidneys of NZB/W F1 lupus mice. <i>European Journal of Immunology</i> , 2011, 41, 2107-2112.	2.9	59
116	Milk fat globule-EGF factor 8 mediates the enhancement of apoptotic cell clearance by glucocorticoids. <i>Cell Death and Differentiation</i> , 2013, 20, 1230-1240.	11.2	59
117	Receptor-Mediated NETosis on Neutrophils. <i>Frontiers in Immunology</i> , 2021, 12, 775267.	4.8	59
118	Cells Under Pressure – Treatment of Eukaryotic Cells with High Hydrostatic Pressure, from Physiologic Aspects to Pressure Induced Cell Death. <i>Current Medicinal Chemistry</i> , 2008, 15, 2329-2336.	2.4	58
119	Neutrophil Extracellular Traps Form a Barrier between Necrotic and Viable Areas in Acute Abdominal Inflammation. <i>Frontiers in Immunology</i> , 2016, 7, 424.	4.8	58
120	Complement Activation in Kidneys of Patients With COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 594849.	4.8	58
121	Magnetic Drug Targeting Reduces the Chemotherapeutic Burden on Circulating Leukocytes. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7341-7355.	4.1	57
122	Oxidative Burst-Dependent NETosis Is Implicated in the Resolution of Necrosis-Associated Sterile Inflammation. <i>Frontiers in Immunology</i> , 2016, 7, 557.	4.8	55
123	Dose-dependent biphasic induction and transcriptional activity of nuclear factor kappa B (NF- κ B) in EA.hy.926 endothelial cells after low-dose X-irradiation. <i>International Journal of Radiation Biology</i> , 2004, 80, 115-123.	1.8	54
124	Colourful death: Six-parameter classification of cell death by flow cytometry – Dead cells tell tales. <i>Autoimmunity</i> , 2013, 46, 336-341.	2.6	53
125	Why does the gout attack stop? A roadmap for the immune pathogenesis of gout. <i>RMD Open</i> , 2015, 1, e000046.	3.8	53
126	Lectins detect changes of the glycosylation status of plasma membrane constituents during late apoptosis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 230-239.	1.5	52

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127	Circulating chromogranin A reveals extra-articular involvement in patients with rheumatoid arthritis and curbs TNF- α -elicited endothelial activation. <i>Journal of Leukocyte Biology</i> , 2009, 85, 81-87.	3.3	52
128	Oxidation of the alarmin high-mobility group box 1 protein (HMGB1) during apoptosis. <i>Autoimmunity</i> , 2009, 42, 305-307.	2.6	51
129	Exposure of anionic phospholipids serves as anti-inflammatory and immunosuppressive signal ? implications for antiphospholipid syndrome and systemic lupus erythematosus. <i>Immunobiology</i> , 2003, 207, 73-81.	1.9	50
130	Moonlighting osteoclasts as undertakers of apoptotic cells. <i>Autoimmunity</i> , 2012, 45, 612-619.	2.6	50
131	Proteasome inhibition drastically but reversibly impairs murine lymphocyte development. <i>Cell Death and Differentiation</i> , 2008, 15, 600-612.	11.2	49
132	Mononuclear phagocytes orchestrate prolyl hydroxylase inhibition-mediated renoprotection in chronic tubulointerstitial nephritis. <i>Kidney International</i> , 2019, 96, 378-396.	5.2	49
133	Ethanol consumption inhibits TFH cell responses and the development of autoimmune arthritis. <i>Nature Communications</i> , 2020, 11, 1998.	12.8	48
134	The influence on the immunomodulatory effects of dying and dead cells of Annexin V. <i>Journal of Leukocyte Biology</i> , 2007, 81, 6-14.	3.3	47
135	What triggers anti-dsDNA antibodies?. <i>Molecular Biology Reports</i> , 1996, 23, 265-267.	2.3	46
136	Alternating current electrophoretic deposition (EPD) of TiO ₂ nanoparticles in aqueous suspensions. <i>Journal of Colloid and Interface Science</i> , 2012, 375, 102-105.	9.4	45
137	AnnexinA5 renders dead tumor cells immunogenicâ€”implications for multimodal cancer therapies. <i>Journal of Immunotoxicology</i> , 2009, 6, 209-216.	1.7	43
138	Tollâ€”like Receptor 2 Is Required for Autoantibody Production and Development of Renal Disease in Pristaneâ€”Induced Lupus. <i>Arthritis and Rheumatism</i> , 2013, 65, 1612-1623.	6.7	43
139	Frontline Science: Aggregated neutrophil extracellular traps prevent inflammation on the neutrophil-rich ocular surface. <i>Journal of Leukocyte Biology</i> , 2019, 105, 1087-1098.	3.3	43
140	Neutrophil extracellular traps drive epithelialâ€”mesenchymal transition of human colon cancer. <i>Journal of Pathology</i> , 2022, 256, 455-467.	4.5	43
141	Scent of dying cells: The role of attraction signals in the clearance of apoptotic cells and its immunological consequences. <i>Autoimmunity Reviews</i> , 2010, 9, 425-430.	5.8	42
142	Citrullination Licenses Calpain to Decondense Nuclei in Neutrophil Extracellular Trap Formation. <i>Frontiers in Immunology</i> , 2019, 10, 2481.	4.8	41
143	Retroviruses and Systemic Lupus Erythematosus. <i>Immunological Reviews</i> , 1996, 152, 145-156.	6.0	39
144	Bacterial Carriers and Virus-Like-Particles as Antigen Delivery Devices: Role of Dendritic Cells in Antigen Presentation. <i>Current Drug Targets Infectious Disorders</i> , 2001, 1, 287-302.	2.1	39

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145	Predictive value of anti-dsDNA autoantibodies: Importance of the assay. <i>Autoimmunity Reviews</i> , 2008, 7, 594-597.	5.8	39
146	Autoantibodies against galectins are associated with antiphospholipid syndrome in patients with systemic lupus erythematosus. <i>Glycobiology</i> , 2013, 23, 12-22.	2.5	39
147	Long COVID: Association of Functional Autoantibodies against G-Protein-Coupled Receptors with an Impaired Retinal Microcirculation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7209.	4.1	39
148	5,6-Carboxyfluorescein Diacetate Succinimidyl Ester-Labeled Apoptotic and Necrotic as Well as Detergent-Treated Cells Can Be Traced in Composite Cell Samples. <i>Analytical Biochemistry</i> , 2001, 299, 247-252.	2.4	38
149	Whole body low dose irradiation improves the course of beginning polyarthritis in human TNF-transgenic mice. <i>Autoimmunity</i> , 2009, 42, 346-348.	2.6	38
150	CRP/anti-CRP Antibodies Assembly on the Surfaces of Cell Remnants Switches Their Phagocytic Clearance Toward Inflammation. <i>Frontiers in Immunology</i> , 2011, 2, 70.	4.8	38
151	Surface codeâ€™biophysical signals for apoptotic cell clearance. <i>Physical Biology</i> , 2013, 10, 065007.	1.8	38
152	Galectin-3 as a novel regulator of osteoblast-osteoclast interaction and bone homeostasis. <i>Bone</i> , 2017, 105, 35-41.	2.9	38
153	Aggregated NETs Sequester and Detoxify Extracellular Histones. <i>Frontiers in Immunology</i> , 2019, 10, 2176.	4.8	38
154	Neutrophil Extracellular Traps Tied to Rheumatoid Arthritis: Points to Ponder. <i>Frontiers in Immunology</i> , 2020, 11, 578129.	4.8	38
155	Case Report: Neutralization of Autoantibodies Targeting G-Protein-Coupled Receptors Improves Capillary Impairment and Fatigue Symptoms After COVID-19 Infection. <i>Frontiers in Medicine</i> , 2021, 8, 754667.	2.6	38
156	Decreased circulating CD34+ stem cells in early Alzheimer's disease: evidence for a deficient hematopoietic brain support?. <i>Molecular Psychiatry</i> , 2006, 11, 1113-1115.	7.9	37
157	High hydrostatic pressure treatment generates inactivated mammalian tumor cells with immunogenic features. <i>Journal of Immunotoxicology</i> , 2010, 7, 194-204.	1.7	37
158	Low-Dose Radiotherapy Ameliorates Advanced Arthritis in hTNF- β tg Mice by Particularly Positively Impacting on Bone Metabolism. <i>Frontiers in Immunology</i> , 2018, 9, 1834.	4.8	37
159	Dominant T cells in idiopathic nephrotic syndrome of childhood. <i>Kidney International</i> , 2000, 57, 510-517.	5.2	36
160	Disposal of dying cells: A balancing act between infection and autoimmunity. <i>Arthritis and Rheumatism</i> , 2003, 48, 6-11.	6.7	36
161	Aggregated neutrophil extracellular traps occlude Meibomian glands during ocular surface inflammation. <i>Ocular Surface</i> , 2021, 20, 1-12.	4.4	36
162	Suppression of type 2 NO-synthase activity in macrophages by <i>Candida albicans</i> . <i>International Journal of Medical Microbiology</i> , 2001, 290, 659-668.	3.6	35

#	ARTICLE	IF	CITATIONS
163	Microscopy under pressure—An optical chamber system for fluorescence microscopic analysis of living cells under high hydrostatic pressure. <i>Microscopy Research and Technique</i> , 2006, 69, 65-72.	2.2	35
164	Loading of nuclear autoantigens prototypically recognized by systemic lupus erythematosus sera into late apoptotic vesicles requires intact microtubules and myosin light chain kinase activity. <i>Clinical and Experimental Immunology</i> , 2014, 179, 39-49.	2.6	35
165	Early detection of apoptosis by staining of acid-treated apoptotic cells with FITC-labeled lectin from <i>Narcissus pseudonarcissus</i> . <i>Cytometry</i> , 2003, 55A, 86-93.	1.8	34
166	Human galectins as sensors for apoptosis/necrosis-associated surface changes of granulocytes and lymphocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 139-147.	1.5	34
167	Apoptosis induction and tumor cell repopulation: The yin and yang of radiotherapy. <i>Radiation Oncology</i> , 2011, 6, 176.	2.7	34
168	Serum-Derived Plasminogen Is Activated by Apoptotic Cells and Promotes Their Phagocytic Clearance. <i>Journal of Immunology</i> , 2012, 189, 5722-5728.	0.8	34
169	Neutrophil Extracellular Traps Formation and Aggregation Orchestrate Induction and Resolution of Sterile Crystal-Mediated Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 1559.	4.8	34
170	Neutrophils and neutrophil extracellular traps orchestrate initiation and resolution of inflammation. <i>Clinical and Experimental Rheumatology</i> , 2016, 34, 6-8.	0.8	34
171	Defects in the disposal of dying cells lead to autoimmunity. <i>Current Rheumatology Reports</i> , 2004, 6, 401-407.	4.7	33
172	The Pathogenicity of Anti- β 2GPI-IgG Autoantibodies Depends on Fc Glycosylation. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12.	2.2	33
173	Connection between Periodontitis-Induced Low-Grade Endotoxemia and Systemic Diseases: Neutrophils as Protagonists and Targets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4647.	4.1	33
174	Preferential recognition of specific DNA motifs by anti-double-stranded DNA autoantibodies. <i>European Journal of Immunology</i> , 1995, 25, 1897-1904.	2.9	32
175	Etiopathogenesis of Systemic Lupus Erythematosus. <i>International Archives of Allergy and Immunology</i> , 2000, 123, 28-35.	2.1	32
176	IgG opsonized nuclear remnants from dead cells cause systemic inflammation in SLE. <i>Autoimmunity</i> , 2010, 43, 232-235.	2.6	32
177	Polymorphisms in the Hsp70 gene locus are genetically associated with systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1983-1989.	0.9	32
178	Regulatory and pathogenetic mechanisms of autoantibodies in SLE. <i>Autoimmunity</i> , 2011, 44, 349-356.	2.6	32
179	Cell death and cytokine production induced by autoimmunogenic hydrocarbon oils. <i>Autoimmunity</i> , 2012, 45, 602-611.	2.6	32
180	Navigation to the Graveyard-Induction of Various Pathways of Necrosis and Their Classification by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2013, 1004, 3-15.	0.9	31

#	ARTICLE	IF	CITATIONS
181	Missing in actionâ€”The meaning of cell death in tissue damage and inflammation. <i>Immunological Reviews</i> , 2017, 280, 26-40.	6.0	31
182	Microparticles Shed from Different Antigen-Presenting Cells Display an Individual Pattern of Surface Molecules and a Distinct Potential of Allogeneic T-Cell Activation. <i>Scandinavian Journal of Immunology</i> , 2005, 61, 226-233.	2.7	30
183	Apoptosis and autoimmunity: When apoptotic cells break their silence. <i>Current Rheumatology Reports</i> , 2006, 8, 245-247.	4.7	30
184	Microvesicles from cerebrospinal fluid of patients with Alzheimerâ€™s disease display reduced concentrations of tau and APP protein. <i>Scientific Reports</i> , 2019, 9, 7089.	3.3	30
185	UV irradiation inhibits ABC transporters via generation of ADP-ribose by concerted action of poly(ADP-ribose) polymerase-1 and glycohydrolase. <i>Cell Death and Differentiation</i> , 2004, 11, 314-320.	11.2	29
186	Activation-induced cell death and total Akt content of granulocytes show a biphasic course after low-dose radiation. <i>Autoimmunity</i> , 2009, 42, 340-342.	2.6	29
187	Inert Coats of Magnetic Nanoparticles Prevent Formation of Occlusive Intravascular Co-aggregates With Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2018, 9, 2266.	4.8	29
188	Apoptotic-cell-derived membrane vesicles induce an alternative maturation of human dendritic cells which is disturbed in SLE. <i>Journal of Autoimmunity</i> , 2013, 40, 86-95.	6.5	28
189	Blood-borne phagocytes internalize urate microaggregates and prevent intravascular NETosis by urate crystals. <i>Scientific Reports</i> , 2016, 6, 38229.	3.3	28
190	Neutrophil Extracellular Traps Open the Pandoraâ€™s Box in Severe Malaria. <i>Frontiers in Immunology</i> , 2017, 8, 874.	4.8	28
191	Removal of dying cells and systemic lupus erythematosus. <i>Modern Rheumatology</i> , 2005, 15, 383-390.	1.8	27
192	Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils. <i>Frontiers in Immunology</i> , 2018, 9, 1827.	4.8	27
193	Agonistic Autoantibodies to the β 2-Adrenergic Receptor Involved in the Pathogenesis of Open-Angle Glaucoma. <i>Frontiers in Immunology</i> , 2018, 9, 145.	4.8	27
194	Increased spontaneous in vitro apoptosis in double negative T cells of humans with a fas/apo-1 mutation. <i>Cell Death and Differentiation</i> , 1998, 5, 751-757.	11.2	26
195	Beneficial therapeutic effects with different particulate structures of murine polyomavirus VP1-coat protein carrying self or non-self CD8 T cell epitopes against murine melanoma. <i>Cancer Immunology, Immunotherapy</i> , 2005, 54, 611-622.	4.2	26
196	IgG autoantibodies bound to surfaces of necrotic cells and complement C4 comprise the phagocytosis promoting activity for necrotic cells of systemic lupus erythematosis sera. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1626-1632.	0.9	26
197	Activator protein 1 shows a biphasic induction and transcriptional activity after low dose X-irradiation in EA.hy.926 endothelial cells. <i>Autoimmunity</i> , 2009, 42, 343-345.	2.6	26
198	Role of guanylate binding protein-1 in vascular defects associated with chronic inflammatory diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1582-1592.	3.6	26

#	ARTICLE	IF	CITATIONS
199	Sialylation of anti-histone immunoglobulin G autoantibodies determines their capabilities to participate in the clearance of late apoptotic cells. <i>Clinical and Experimental Immunology</i> , 2016, 184, 110-117.	2.6	26
200	Altered glycan accessibility on native immunoglobulin G complexes in early rheumatoid arthritis and its changes during therapy. <i>Clinical and Experimental Immunology</i> , 2017, 189, 372-382.	2.6	26
201	Neutrophils prevent rectal bleeding in ulcerative colitis by peptidyl-arginine deiminase-4-dependent immunothrombosis. <i>Cut</i> , 2022, 71, 2414-2429.	12.1	26
202	PCR and reverse dot hybridization for the detection of endogenous retroviral transcripts. <i>Journal of Virological Methods</i> , 1994, 46, 333-348.	2.1	25
203	The immune reaction against allogeneic necrotic cells is reduced in Annexin A5 knock out mice whose macrophages display an anti-inflammatory phenotype. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1391-1399.	3.6	25
204	Ex vivo and in vivo induced dead tumor cells as modulators of antitumor responses. <i>Annals of the New York Academy of Sciences</i> , 2010, 1209, 109-117.	3.8	25
205	Increased expression of guanylate binding protein 1 in lesional skin of patients with cutaneous lupus erythematosus. <i>Experimental Dermatology</i> , 2011, 20, 102-106.	2.9	25
206	Reply to "Neutrophils are not required for resolution of acute gouty arthritis in mice". <i>Nature Medicine</i> , 2016, 22, 1384-1386.	30.7	25
207	Treatment with DNases rescues hidden neutrophil elastase from aggregated NETs. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1359-1366.	3.3	25
208	Detection of restricted junctional diversity of peripheral T cells in SLE patients by spectratyping. <i>Lupus</i> , 1997, 6, 701-707.	1.6	24
209	Impaired clearance of apoptotic cells in systemic lupus erythematosus: Challenge of T and B cell tolerance. <i>Current Rheumatology Reports</i> , 2003, 5, 175-177.	4.7	24
210	Purified apoptotic bodies stimulate plasmacytoid dendritic cells to produce IFN-alpha. <i>Autoimmunity</i> , 2007, 40, 331-332.	2.6	24
211	FcγR1a genotype is associated with acute coronary syndromes as first manifestation of coronary artery disease. <i>Atherosclerosis</i> , 2009, 205, 512-516.	0.8	24
212	Cooperative binding of Annexin A5 to phosphatidylserine on apoptotic cell membranes. <i>Physical Biology</i> , 2013, 10, 065006.	1.8	24
213	Review: Neutrophils as Invigorated Targets in Rheumatic Diseases. <i>Arthritis and Rheumatology</i> , 2016, 68, 2071-2082.	5.6	24
214	Annexin A5 regulates surface $\alpha_5\beta_1$ integrin for retinal clearance phagocytosis. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	24
215	Neutrophil Extracellular Traps Promote the Development and Growth of Human Salivary Stones. <i>Cells</i> , 2020, 9, 2139.	4.1	24
216	IgA2 Antibodies against SARS-CoV-2 Correlate with NET Formation and Fatal Outcome in Severely Diseased COVID-19 Patients. <i>Cells</i> , 2020, 9, 2676.	4.1	24

#	ARTICLE	IF	CITATIONS
217	Retinal Microcirculation as a Correlate of a Systemic Capillary Impairment After Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Frontiers in Medicine</i> , 2021, 8, 676554.	2.6	24
218	Are retroviruses involved in the pathogenesis of SLE?. <i>Rheumatology International</i> , 1989, 9, 115-121.	3.0	23
219	Induction of Apoptosis Reduces Immunogenicity of Human Tâ€Cell Lines in Mice. <i>Scandinavian Journal of Immunology</i> , 1998, 47, 343-347.	2.7	23
220	The uptake by blood-borne phagocytes of monosodium urate is dependent on heat-labile serum factor(s) and divalent cations. <i>Autoimmunity</i> , 2010, 43, 236-238.	2.6	23
221	Tumor Biology: With a Little Help from My Dying Friends. <i>Current Biology</i> , 2015, 25, R198-R201.	3.9	22
222	A blast without power â€“ cell death induced by the tuberculosis-necrotizing toxin fails to elicit adequate immune responses. <i>Cell Death and Differentiation</i> , 2016, 23, 1016-1025.	11.2	22
223	Periodontal sources of citrullinated antigens and TLR agonists related to RA. <i>Autoimmunity</i> , 2018, 51, 304-309.	2.6	22
224	Loss of GM1 surface expression precedes annexin V-phycoerythrin binding of neutrophils undergoing spontaneous apoptosis during in vitro aging. <i>Cytometry</i> , 2004, 62A, 75-80.	1.8	21
225	Induction of apoptosis by spermine-metabolites in primary human blood cells and various tumor cell lines. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 1151-1162.	4.9	21
226	Interaction of histones with phospholipidsâ€™ implications for the exposure of histones on apoptotic cells. <i>Autoimmunity</i> , 2007, 40, 322-326.	2.6	21
227	Phagocytosis and LPS alter the maturation state of Î²-amyloid precursor protein and induce different AÎ² peptide release signatures in human mononuclear phagocytes. <i>Journal of Neuroinflammation</i> , 2010, 7, 59.	7.2	21
228	Adhesion/growth-regulatory galectins in the human eye: localization profiles and tissue reactivities as a standard to detect disease-associated alterations. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 1169-1180.	1.9	21
229	Removal of dying cells and systemic lupus erythematosus. <i>Modern Rheumatology</i> , 2005, 15, 383-390.	1.8	21
230	Neutrophils Orchestrate the Periodontal Pocket. <i>Frontiers in Immunology</i> , 2021, 12, 788766.	4.8	21
231	A soluble form of the human transferrin receptor is released by activated lymphocytes<i>in vitro</i>. <i>Clinical and Experimental Immunology</i> , 2008, 92, 537-542.	2.6	20
232	The Progression of Cell Death Affects the Rejection of Allogeneic Tumors in Immune-Competent Mice Āĉ, Āĉœ Implications for Cancer Therapy. <i>Frontiers in Immunology</i> , 2014, 5, 560.	4.8	20
233	N-truncation and pyroglutamylation enhances the opsonizing capacity of AÎ²-peptides and facilitates phagocytosis by macrophages and microglia. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 116-125.	4.1	20
234	Serum Heme Oxygenase-1 and BMP-7 Are Potential Biomarkers for Bone Metabolism in Patients with Rheumatoid Arthritis and Ankylosing Spondylitis. <i>BioMed Research International</i> , 2016, 2016, 1-7.	1.9	20

#	ARTICLE	IF	CITATIONS
235	Nanomaterial Exposure Induced Neutrophil Extracellular Traps: A New Target in Inflammation and Innate Immunity. <i>Journal of Immunology Research</i> , 2019, 2019, 1-8.	2.2	20
236	Apoptotic cells selectively suppress the Th1 cytokine interferon \hat{I}^3 in stimulated human peripheral blood mononuclear cells and shift the Th1/Th2 balance towards Th2. <i>Autoimmunity</i> , 2007, 40, 327-330.	2.6	19
237	Autoimmune, rheumatic, chronic inflammatory diseases: Neutrophil extracellular traps on parade. <i>Autoimmunity</i> , 2018, 51, 281-287.	2.6	19
238	Retrovirus-associated rheumatic syndromes. <i>Current Opinion in Rheumatology</i> , 1998, 10, 347-354.	4.3	18
239	Tumor Immunotherapy: Lessons from Autoimmunity. <i>Frontiers in Immunology</i> , 2014, 5, 212.	4.8	18
240	Interactions between canonical Wnt signaling pathway and MAPK pathway regulate differentiation, maturation and function of dendritic cells. <i>Cellular Immunology</i> , 2016, 310, 170-177.	3.0	18
241	Inosine Released from Dying or Dead Cells Stimulates Cell Proliferation via Adenosine Receptors. <i>Frontiers in Immunology</i> , 2017, 8, 504.	4.8	18
242	Real-time cell analysis of human cancer cell lines after chemotherapy with functionalized magnetic nanoparticles. <i>Anticancer Research</i> , 2012, 32, 1983-9.	1.1	18
243	CD4 positive peripheral T cells from patients with systemic lupus erythematosus (SLE) are clonally expanded. <i>Lupus</i> , 2001, 10, 321-331.	1.6	17
244	Detection and chromatographic removal of lipopolysaccharide in preparations of multifunctional galectins. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 155-159.	2.1	17
245	T cells as key players for bone destruction in gouty arthritis?. <i>Arthritis Research and Therapy</i> , 2011, 13, 135.	3.5	17
246	NETs Are Double-Edged Swords with the Potential to Aggravate or Resolve Periodontal Inflammation. <i>Cells</i> , 2020, 9, 2614.	4.1	17
247	C3-containing serum immune complexes in patients with systemic lupus erythematosus: correlation to disease activity and comparison with other rheumatic diseases. <i>Rheumatology International</i> , 1989, 9, 59-64.	3.0	16
248	Increased expression of CD154 and FAS in SLE patients's lymphocytes. <i>Rheumatology International</i> , 2009, 30, 181-185.	3.0	16
249	Sweet kiss of dying cell: Sialidase activity on apoptotic cell is able to act toward its neighbors. <i>Autoimmunity</i> , 2012, 45, 574-578.	2.6	16
250	Unconventional apoptosis of polymorphonuclear neutrophils (PMN): staurosporine delays exposure of phosphatidylserine and prevents phagocytosis by M \hat{I} -2 macrophages of PMN. <i>Clinical and Experimental Immunology</i> , 2014, 179, 75-84.	2.6	16
251	Circulating immune complexes in HIV-infected persons. <i>Klinische Wochenschrift</i> , 1990, 68, 299-305.	0.6	15
252	UV-B irradiated cell lines execute programmed cell death in various forms. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1998, 3, 123-132.	4.9	15

#	ARTICLE	IF	CITATIONS
253	Photopheresis with UV-A light and 8-methoxypsoralen leads to cell death and to release of blebs with anti-inflammatory phenotype in activated and non-activated lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 71-76.	2.1	15
254	Desialylation of dying cells with catalytically active antibodies possessing sialidase activity facilitate their clearance by human macrophages. <i>Clinical and Experimental Immunology</i> , 2014, 179, 17-23.	2.6	15
255	Neurodegeneration Enhances the Development of Arthritis. <i>Journal of Immunology</i> , 2017, 198, 2394-2402.	0.8	15
256	NR4A1 Regulates Motility of Osteoclast Precursors and Serves as Target for the Modulation of Systemic Bone Turnover. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 2035-2047.	2.8	15
257	Oligomannose-Rich Membranes of Dying Intestinal Epithelial Cells Promote Host Colonization by Adherent-Invasive E. coli. <i>Frontiers in Microbiology</i> , 2018, 9, 742.	3.5	15
258	NOX2 mediates quiescent handling of dead cell remnants in phagocytes. <i>Redox Biology</i> , 2019, 26, 101279.	9.0	15
259	Pathogenesis of SLE: immunopathology in man. <i>Rheumatology International</i> , 1991, 11, 95-100.	3.0	14
260	The expanded double negative T cell populations of a patient with ALPS are not clonally related to CD4+ or to CD8+ T cells. <i>Autoimmunity</i> , 2007, 40, 299-301.	2.6	14
261	Sodium and potassium urate crystals differ in their inflammatory potential. <i>Autoimmunity</i> , 2009, 42, 314-316.	2.6	14
262	Serum uric acid increases in patients with systemic autoimmune rheumatic diseases after 3 months of treatment with TNF inhibitors. <i>Rheumatology International</i> , 2019, 39, 1749-1757.	3.0	14
263	Neutrophils as Main Players of Immune Response towards Nondegradable Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 1273.	4.1	14
264	Neutrophil Extracellular Trap-Driven Occlusive Diseases. <i>Cells</i> , 2021, 10, 2208.	4.1	14
265	Hypoxia Promotes Neutrophil Survival After Acute Myocardial Infarction. <i>Frontiers in Immunology</i> , 2022, 13, 726153.	4.8	14
266	Adherence-dependent shifts in the patterns of β -amyloid peptides secreted by human mononuclear phagocytes. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 1044-1048.	4.1	13
267	Inhibition of Osteoarthritis by Adipose-Derived Stromal Cells Overexpressing α 1 in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 138-151.	5.6	13
268	Ultrasound scans and dual energy CT identify tendons as preferred anatomical location of MSU crystal depositions in gouty joints. <i>Rheumatology International</i> , 2018, 38, 801-811.	3.0	13
269	Towards a pro-resolving concept in systemic lupus erythematosus. <i>Seminars in Immunopathology</i> , 2019, 41, 681-697.	6.1	13
270	Updates on NET formation in health and disease. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, S43-S48.	3.4	13

#	ARTICLE	IF	CITATIONS
271	Antibodies Against p24 of HIV-1 in Patients with Systemic Lupus Erythematosus?. <i>Viral Immunology</i> , 1992, 5, 229-231.	1.3	12
272	Alternatively spliced mRNA molecules of the thrombospondin receptor (CD36) in human PBMC. <i>International Journal of Immunogenetics</i> , 1999, 26, 337-342.	1.2	12
273	A 17-kDa Fragment of Lactoferrin Associates With the Termination of Inflammation and Peptides Within Promote Resolution. <i>Frontiers in Immunology</i> , 2018, 9, 644.	4.8	12
274	Clinical presentation and mutation identification in the NBS1 gene in a boy with Nijmegen breakage syndrome. <i>Clinical Genetics</i> , 2000, 57, 384-387.	2.0	11
275	The role of high-mobility group box 1 protein in the pathogenesis of autoimmune diseases. <i>Current Rheumatology Reports</i> , 2008, 10, 341-342.	4.7	11
276	Detection of low level cryoglobulins by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 883-887.	1.5	11
277	Active NET formation in Libmanâ€“Sacks endocarditis without antiphospholipid antibodies: A dramatic onset of systemic lupus erythematosus. <i>Autoimmunity</i> , 2018, 51, 310-318.	2.6	11
278	Autoantibodies Activating the β 2-Adrenergic Receptor Characterize Patients With Primary and Secondary Glaucoma. <i>Frontiers in Immunology</i> , 2019, 10, 2112.	4.8	11
279	Autoimmune Diseases in Humans, e.g. Autoimmune Rheumatic Diseases. <i>Intervirolgy</i> , 1993, 35, 176-185.	2.8	10
280	Signals, receptors, and cytokines involved in the immunomodulatory and anti-inflammatory properties of apoptotic cells. <i>Signal Transduction</i> , 2005, 5, 356-365.	0.4	10
281	The Fc γ 3 receptor IIA R131H gene polymorphism is associated with endothelial function in patients with hypercholesterolaemia. <i>Atherosclerosis</i> , 2011, 218, 411-415.	0.8	10
282	Autoantibodies against galectin-2 peptides as biomarkers for the antiphospholipid syndrome. <i>Lupus</i> , 2012, 21, 781-783.	1.6	10
283	Patients with unstable angina pectoris show an increased frequency of the Fc gamma RIIa R131 allele. <i>Autoimmunity</i> , 2012, 45, 556-564.	2.6	10
284	The CFSE Distribution Assay is a Powerful Technique for the Analysis of Radiationâ€“Induced Cell Death and Survival on a Singleâ€“Cell Level. <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 456-462.	2.0	9
285	Distinct fractional A β 2 release patterns in human mononuclear phagocytes. <i>Journal of Neuroimmunology</i> , 2009, 206, 1-4.	2.3	9
286	Autoimmunity vs. cancer: Predator vs. alien?. <i>Autoimmunity</i> , 2013, 46, 287-293.	2.6	9
287	The proinflammatory effect of C-reactive protein on human endothelial cells depends on the Fc γ 3RIIa genotype. <i>Thrombosis Research</i> , 2014, 133, 426-432.	1.7	9
288	Suppression of lupus nephritis and skin lesions in MRL/lpr mice by administration of the topoisomerase I inhibitor irinotecan. <i>Arthritis Research and Therapy</i> , 2016, 18, 243.	3.5	9

#	ARTICLE	IF	CITATIONS
289	Immune deficiency vs. immune excess in inflammatory bowel diseasesâ€” <i>STAT3</i> as a rheo-STAT of intestinal homeostasis. <i>Journal of Leukocyte Biology</i> , 2016, 99, 57-66.	3.3	9
290	Editorial: NETosis 2: The Excitement Continues. <i>Frontiers in Immunology</i> , 2017, 8, 1318.	4.8	9
291	Elevated Serum Lysophosphatidylcholine in Patients with Systemic Lupus Erythematosus Impairs Phagocytosis of Necrotic Cells In Vitro. <i>Frontiers in Immunology</i> , 2017, 8, 1876.	4.8	9
292	Autoantibodies Recognizing Secondary Necrotic Cells Promote Neutrophilic Phagocytosis and Identify Patients With Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2018, 9, 989.	4.8	9
293	Hypothesis: human serum-borne albumin bound lipids promote cellular survival after apoptosis induction by a variety of stimuli. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 319-328.	4.9	8
294	When autologous chromatin becomes a foe. <i>Autoimmunity</i> , 2012, 45, 565-567.	2.6	8
295	Apoptotic Cell Clearance and Its Role in the Origin and Resolution of Chronic Inflammation. <i>Frontiers in Immunology</i> , 2015, 6, 139.	4.8	8
296	The effects of Kv1.3 and IKCa1 channel inhibition on cytokine production and calcium influx of T lymphocytes in rheumatoid arthritis and ankylosing spondylitis. <i>Immunologic Research</i> , 2016, 64, 627-631.	2.9	8
297	Agonistic autoantibodies against ÅŸ2-adrenergic receptor influence retinal microcirculation in glaucoma suspects and patients. <i>PLoS ONE</i> , 2021, 16, e0249202.	2.5	8
298	Flow cytometric discrimination between viable neutrophils, apoptotic neutrophils and eosinophils by double labelling of permeabilized blood granulocytes. <i>Journal of Immunological Methods</i> , 2000, 241, 11-18.	1.4	7
299	An optimized conditional suicide switch using doxycycline-dependent expression of human tBid. <i>Cancer Biology and Therapy</i> , 2005, 4, 532-536.	3.4	7
300	Do low vitamin D levels cause problems of waste removal in patients with SLE?. <i>Rheumatology</i> , 2012, 51, 585-587.	1.9	7
301	Allergenic Can f 1 and its human homologue Lcnâ€1 direct dendritic cells to induce divergent immune responses. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2375-2384.	3.6	7
302	Editorial: Nano- and Microparticle-Induced Cell Death, Inflammation and Immune Responses. <i>Frontiers in Immunology</i> , 2019, 10, 844.	4.8	7
303	Monoclonal antibodies directed against the rev protein of human immunodeficiency virus type 1. <i>Molecular and Cellular Probes</i> , 1990, 4, 63-72.	2.1	6
304	MEK inhibitor U0126 interferes with immunofluorescence analysis of apoptotic cell death. <i>Cytometry</i> , 2002, 48, 179-184.	1.8	6
305	Apoptosis of the Teratocarcinoma Cell Line Tera-1 Leads to the Cleavage of HERV-K10gag Proteins by Caspases and/or Granzyme B. <i>Scandinavian Journal of Immunology</i> , 2002, 56, 303-309.	2.7	6
306	The low-throughput protein A adsorber: an immune modulatory device. Hypothesis for the mechanism of action in the treatment of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2005, 15, 9-18.	1.8	6

#	ARTICLE	IF	CITATIONS
307	Dying autologous cells as instructors of the immune system. <i>Clinical and Experimental Immunology</i> , 2015, 179, 1-4.	2.6	6
308	Induction of Necrosis in Human Macrophage Cell Lines by <i>Corynebacterium diphtheriae</i> and <i>Corynebacterium ulcerans</i> Strains Isolated from Fatal Cases of Systemic Infections. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4109.	4.1	6
309	Cerebrospinal Fluid of Patients With Alzheimer's Disease Contains Increased Percentages of Synaptophysin-Bearing Microvesicles. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 682115.	3.4	6
310	Agonistic β_2 -Adrenergic Receptor Autoantibodies Characterize the Aqueous Humor of Patients With Primary and Secondary Open-Angle Glaucoma. <i>Frontiers in Immunology</i> , 2021, 12, 550236.	4.8	5
311	Inhibitory and Agonistic Autoantibodies Directed Against the β_2 -Adrenergic Receptor in Pseudoexfoliation Syndrome and Glaucoma. <i>Frontiers in Neuroscience</i> , 2021, 15, 676579.	2.8	5
312	High Na ⁺ Environments Impair Phagocyte Oxidase-Dependent Antibacterial Activity of Neutrophils. <i>Frontiers in Immunology</i> , 2021, 12, 712948.	4.8	5
313	Antibody glycosylation as a potential biomarker for chronic inflammatory autoimmune diseases. <i>AIMS Genetics</i> , 2016, 03, 280-291.	1.9	5
314	Neutrophil swarm control: what goes up must come down. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 416.	17.1	5
315	Do we already understand all aspects connecting clearance and autoimmunity?. <i>Autoimmunity</i> , 2007, 40, 239-243.	2.6	4
316	Apoptotic cells and clonally expanded cytotoxic T cells in bone marrow trephines of patients with myelodysplastic syndrome. <i>Histopathology</i> , 2012, 61, 200-211.	2.9	4
317	Low amounts of bisecting glycans characterize cerebrospinal fluid-borne IgG. <i>Journal of Neuroimmunology</i> , 2018, 320, 19-24.	2.3	4
318	The low-throughput protein A adsorber: an immune modulatory device. Hypothesis for the mechanism of action in the treatment of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2005, 15, 9-18.	1.8	4
319	Periodontitis-Derived Dark-NETs in Severe Covid-19. <i>Frontiers in Immunology</i> , 2022, 13, 872695.	4.8	4
320	1.58- μ m...rheumatoid factor binding is influenced by the N-Glycans of their IGG targets. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A25.1-A25.	0.9	3
321	Reduced Fluorescence versus Forward Scatter Time-of-Flight and Increased Peak versus Integral Fluorescence Ratios Indicate Receptor Clustering in Flow Cytometry. <i>Journal of Immunology</i> , 2015, 195, 377-385.	0.8	3
322	Magnetic separation of apoptotic cells with lectin-conjugated microparticles. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016, 47, 189-192.	0.9	3
323	Inverted ratio of m-fas/s-fas expression in early onset pauciarticular juvenile chronic arthritis. <i>International Journal of Immunogenetics</i> , 1999, 26, 325-329.	1.2	2
324	Impairment of genomic DNA binding to a putative dysfunctional receptor on erythrocytes independent of complement and antibodies in systemic lupus erythematosus. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2000, 437, 380-387.	2.8	2

#	ARTICLE	IF	CITATIONS
325	Apoptotic UV-irradiated lymphocytes undergo protease mediated shedding of L-selectin in vitro. <i>Transfusion and Apheresis Science</i> , 2001, 24, 99-101.	1.0	2
326	UV or X-Irradiation Increases the Cytoplasmic Accumulation of Rhodamine 123 in Various Cancer Cell Lines. <i>Strahlentherapie Und Onkologie</i> , 2003, 179, 564-570.	2.0	2
327	Constant dripping wears away the stone. <i>Autoimmunity</i> , 2009, 42, 249-249.	2.6	2
328	ROS is the boss. <i>Free Radical Biology and Medicine</i> , 2017, 108, S17.	2.9	2
329	Dose-dependent biphasic expression of nuclear factor KappaB (NF- κ B) in endothelial cells by low-dose ionizing radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 51, 230-231.	0.8	1
330	The turnover of synovial T cells is higher than in T cells in the peripheral blood in persistent oligoarticular juvenile idiopathic arthritis. <i>Rheumatology International</i> , 2010, 30, 1529-1532.	3.0	1
331	CRP discriminates primary from secondary necrosis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A8-A8.	0.9	1
332	Radon therapy ameliorates disease progression and prolongs survival in TNF $\hat{\pm}$ tg mice. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A30.2-A31.	0.9	1
333	Immune complex formation after exposure of autoantigens on the surface of secondary necrotic cells (SNEC) promotes inflammation in SLE. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A73.1-A73.	0.9	1
334	The antimicrobial peptide rCRAMP is strongly upregulated during experimental arthritis in the rat. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A29.2-A29.	0.9	1
335	A9.7â€¦Cholesterol crystals induce neutrophil extracellular traps formation. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A94.2-A94.	0.9	1
336	Invasive Infektionen durch Streptokokken der Gruppe A mit schwerer Verlaufsform als "Toxic Shock-like Syndrome" - ein intensivmedizinisch zu behandelndes Krankheitsbild. <i>Intensivmedizin Und Notfallmedizin</i> , 1999, 36, 367-374.	0.2	0
337	Apoptosis and Autoimmunity. , 0, , 1-11.		0
338	Apoptosis in Rheumatoid Arthritis. , 0, , 169-186.		0
339	Dendritic Cells Pulsed with Apoptotic Tumor Cells as Vaccines. , 0, , 205-226.		0
340	The Immune Response against Apoptotic Cells. , 0, , 227-242.		0
341	Distinct Cleavage Products of Nuclear Autoantigens in Apoptosis and Necrosis: Implications for Autoimmunity. , 0, , 261-288.		0
342	â€ˆTissueâ€™™ Transglutaminase and Autoimmunity. , 0, , 289-298.		0

#	ARTICLE	IF	CITATIONS
343	Modification of RNA Antigens in Apoptosis. , 0, , 299-315.		0
344	Nucleosomes and Anti-Nucleosome Autoantibodies as Mediators of Glomerular Pathology in Systemic Lupus Erythematosus. , 0, , 317-342.		0
345	Caspase Knockouts: Matters of Life and Death. , 0, , 13-35.		0
346	Anti-Inflammatory and Immunoregulatory Effects of Apoptotic Cells. , 0, , 37-56.		0
347	Complement and Apoptosis. , 0, , 57-78.		0
348	Soluble Factors That Bind to Dying Cells Control the Outcome of Corpse Disposal: The Role of Pentraxins, Collectins and Autoantibodies. , 0, , 79-95.		0
349	The Role of ATP-Binding Cassette Transporters in the Clearance of Apoptotic Cells: A Tale of Two Systems. , 0, , 97-109.		0
350	Innate Immunity and Apoptosis: CD14-Dependent Clearance of Apoptotic Cells. , 0, , 111-131.		0
351	Autoimmune Lymphoproliferative Syndromes (ALPS). , 0, , 133-155.		0
352	Infection and Inflammation as Cofactors for Autoimmunity of Systemic Lupus Erythematosus Patients. , 0, , 157-168.		0
353	Autoantigens as Substrates for Apoptotic Proteases: Implications for the Pathogenesis of Systemic Autoimmune Disease. , 0, , 243-260.		0
354	Cell surface molecular changes associated with apoptosis. , 2008, , 57-73.		0
355	Role of apoptosis failure in etiopathogenesis of systemic lupus erythematosus and murine lupus. Expert Review of Clinical Immunology, 2008, 4, 33-42.	3.0	0
356	Contractile Force Generation Enhanced Tumor Cell Invasion, But Decreased Tumor Growth. Biophysical Journal, 2009, 96, 197a.	0.5	0
357	HMGB1 containing nucleosomes from apoptotic cells induce inflammation and immune activation via TLR2 - implications for the etiopathogenesis of systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2010, 69, A1-A1.	0.9	0
358	12/15-lipoxygenase orchestrates the clearance of apoptotic cells and maintains immunological tolerance. Annals of the Rheumatic Diseases, 2011, 70, A41-A41.	0.9	0
359	Secondarily necrotic cell-derived material (SNEC) causes systemic inflammation in sle by exposing autoantigens for immune complex formation. Annals of the Rheumatic Diseases, 2011, 70, A7-A8.	0.9	0
360	Formation of gouty tophi is initiated by extranuclear DNA. Annals of the Rheumatic Diseases, 2011, 70, A8-A8.	0.9	0

#	ARTICLE	IF	CITATIONS
361	Evolution of anti-DNA autoantibodies by somatic hypermutation: evidence for postmutational B cell tolerance. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A32.2-A32.	0.9	0
362	12/15-lipoxygenase orchestrates the clearance of apoptotic cells and maintains immunologic tolerance. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A37.2-A37.	0.9	0
363	A2.24â€¦IL23/TH17-mediated Regulation of Antibody Glycosylation Controls Autoimmune-Induced Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A13.1-A13.	0.9	0
364	2. Ã„tiologie und Pathogenese der Gicht. , 0, , .		0
365	01.14â€¦Novel mechanism mediated by the IL23/TH17 axis contributing to auto-immune arthritis. , 2017, , .		0
366	Editorial â€œ NETs in autoimmune diseases. <i>Autoimmunity</i> , 2018, 51, 265-266.	2.6	0
367	Ã„tiopathogenese des systemischen Lupus erythematoses (SLE). , 2003, , 291-313.		0
368	Apoptosis in Autoimmunity. , 2010, , 545-560.		0
369	Retroviral Antibodies. , 1996, , 700-705.		0