

George Kollias

List of Publications by Year in descending order

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Version: 2024-02-01

249
papers

33,492
citations

3731

89
h-index

3830

178
g-index

275
all docs

275
docs citations

275
times ranked

35500
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing murine models of Crohn's disease ileitis to advance concepts of pathophysiology and treatment. <i>Mucosal Immunology</i> , 2022, 15, 10-26.	6.0	6
2	Col6a1+/CD201+ mesenchymal cells regulate intestinal morphogenesis and homeostasis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	5.4	12
3	The second decade of anti-TNF- α therapy in clinical practice: new lessons and future directions in the COVID-19 era. <i>Rheumatology International</i> , 2022, 42, 1493-1511.	3.0	22
4	SMASH™ recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 714-726.	0.9	51
5	Plasma cells promote osteoclastogenesis and periarticular bone loss in autoimmune arthritis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	25
6	Fibroblastic reticular cell lineage convergence in Peyer's patches governs intestinal immunity. <i>Nature Immunology</i> , 2021, 22, 510-519.	14.5	35
7	Fibroblasts as immune regulators in infection, inflammation and cancer. <i>Nature Reviews Immunology</i> , 2021, 21, 704-717.	22.7	229
8	Combination of subtherapeutic anti-TNF dose with dasatinib restores clinical and molecular arthritogenic profiles better than standard anti-TNF treatment. <i>Journal of Translational Medicine</i> , 2021, 19, 165.	4.4	6
9	Endothelial Tpl2 regulates vascular barrier function via JNK-mediated degradation of claudin-5 promoting neuroinflammation or tumor metastasis. <i>Cell Reports</i> , 2021, 35, 109168.	6.4	10
10	INFRAFRONTIER quality principles in systemic phenotyping. <i>Mammalian Genome</i> , 2021, , 1.	2.2	3
11	In Silico Identification and Evaluation of Natural Products as Potential Tumor Necrosis Factor Function Inhibitors Using Advanced Enalos Asclepios KNIME Nodes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10220.	4.1	10
12	Fundamentally different roles of neuronal TNF receptors in CNS pathology: TNFR1 and IKK β promote microglial responses and tissue injury in demyelination while TNFR2 protects against excitotoxicity in mice. <i>Journal of Neuroinflammation</i> , 2021, 18, 222.	7.2	25
13	Changes in Thyroid Hormone Signaling Mediate Cardiac Dysfunction in the Tg197 Mouse Model of Arthritis: Potential Therapeutic Implications. <i>Journal of Clinical Medicine</i> , 2021, 10, 5512.	2.4	1
14	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. <i>Gut</i> , 2020, 69, 1269-1282.	12.1	181
15	Ectopic bone formation and systemic bone loss in a transmembrane TNF-driven model of human spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 232.	3.5	15
16	The mesenchymal context in inflammation, immunity and cancer. <i>Nature Immunology</i> , 2020, 21, 974-982.	14.5	168
17	Transmembrane TNF drives osteoproliferative joint inflammation reminiscent of human spondyloarthritis. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	27
18	Unfolding innate mechanisms in the cancer microenvironment: The emerging role of the mesenchyme. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	11

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19	Genetic deletion of Autotaxin from CD11b+ cells decreases the severity of experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2020, 15, e0226050.	2.5	14
20	Paracrine orchestration of intestinal tumorigenesis by a mesenchymal niche. <i>Nature</i> , 2020, 580, 524-529.	27.8	183
21	The BACH1-HMOX1 Regulatory Axis Is Indispensable for Proper Macrophage Subtype Specification and Skeletal Muscle Regeneration. <i>Journal of Immunology</i> , 2019, 203, 1532-1547.	0.8	22
22	An integrative transcriptome analysis framework for drug efficacy and similarity reveals drug-specific signatures of anti-TNF treatment in a mouse model of inflammatory polyarthritis. <i>PLoS Computational Biology</i> , 2019, 15, e1006933.	3.2	13
23	A20 prevents inflammasome-dependent arthritis by inhibiting macrophage necroptosis through its ZnF7 ubiquitin-binding domain. <i>Nature Cell Biology</i> , 2019, 21, 731-742.	10.3	122
24	RIPK1 and death receptor signaling drive biliary damage and early liver tumorigenesis in mice with chronic hepatobiliary injury. <i>Cell Death and Differentiation</i> , 2019, 26, 2710-2726.	11.2	23
25	Wnt1 silences chemokine genes in dendritic cells and induces adaptive immune resistance in lung adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 1405.	12.8	68
26	Inhibiting Interleukin 36 Receptor Signaling Reduces Fibrosis in Mice With Chronic Intestinal Inflammation. <i>Gastroenterology</i> , 2019, 156, 1082-1097.e11.	1.3	148
27	Innate Sensing through Mesenchymal TLR4/MyD88 Signals Promotes Spontaneous Intestinal Tumorigenesis. <i>Cell Reports</i> , 2019, 26, 536-545.e4.	6.4	38
28	Comorbid TNF-mediated heart valve disease and chronic polyarthritis share common mesenchymal cell-mediated aetiopathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, annrheumdis-2017-212597.	0.9	21
29	The p55TNFR- <i>IKK2</i> - <i>Ripk3</i> axis orchestrates arthritis by regulating death and inflammatory pathways in synovial fibroblasts. <i>Nature Communications</i> , 2018, 9, 618.	12.8	37
30	Mechanical strain determines the site-specific localization of inflammation and tissue damage in arthritis. <i>Nature Communications</i> , 2018, 9, 4613.	12.8	128
31	Mesenchymal <i>MAPKAPK2/HSP27</i> drives intestinal carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5546-E5555.	7.1	29
32	In Silico Discovery of Plant-Origin Natural Product Inhibitors of Tumor Necrosis Factor (TNF) and Receptor Activator of NF- κ B Ligand (RANKL). <i>Frontiers in Pharmacology</i> , 2018, 9, 800.	3.5	17
33	Mesenchymal TNFR2 promotes the development of polyarthritis and comorbid heart valve stenosis. <i>JCI Insight</i> , 2018, 3, .	5.0	20
34	Mesenchymal Cells in Colon Cancer. <i>Gastroenterology</i> , 2017, 152, 964-979.	1.3	158
35	Treatment of inflammatory arthritis via targeting of tristetraprolin, a master regulator of pro-inflammatory gene expression. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 612-619.	0.9	63
36	Genomic Responses of Mouse Synovial Fibroblasts During Tumor Necrosis Factor-Driven Arthritogenesis Greatly Mimic Those in Human Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 1588-1600.	5.6	29

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37	Extensive phenotypic characterization of a new transgenic mouse reveals pleiotropic perturbations in physiology due to mesenchymal hGH minigene expression. <i>Scientific Reports</i> , 2017, 7, 2397.	3.3	2
38	Epigenetically-driven anatomical diversity of synovial fibroblasts guides joint-specific fibroblast functions. <i>Nature Communications</i> , 2017, 8, 14852.	12.8	126
39	Targeted deletion of RANKL in M cell inducer cells by the Col6a1-Cre driver. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 437-443.	2.1	14
40	FRIO059â€¦Cardiac, pulmonary and periodontal disease as comorbidities in tnf-driven models of chronic polyarthritis. , 2017, , .		0
41	Cheminformatics-aided discovery of small-molecule Protein-Protein Interaction (PPI) dual inhibitors of Tumor Necrosis Factor (TNF) and Receptor Activator of NF- κ B Ligand (RANKL). <i>PLoS Computational Biology</i> , 2017, 13, e1005372.	3.2	49
42	Searching for Novel Janus Kinase-2 Inhibitors Using a Combination of Pharmacophore Modeling, 3D-QSAR Studies and Virtual Screening. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 268-294.	2.4	9
43	Opposing role of tumor necrosis factor receptor 1 signaling in T cell-mediated hepatitis and bacterial infection in mice. <i>Hepatology</i> , 2016, 64, 508-521.	7.3	21
44	Innate myeloid cell TNFR1 mediates first line defence against primary Mycobacterium tuberculosis infection.. <i>Scientific Reports</i> , 2016, 6, 22454.	3.3	40
45	Targeted Metabolic Profiling of the Tg197 Mouse Model Reveals Itaconic Acid as a Marker of Rheumatoid Arthritis. <i>Journal of Proteome Research</i> , 2016, 15, 4579-4590.	3.7	35
46	Inferring active regulatory networks from gene expression data using a combination of prior knowledge and enrichment analysis. <i>BMC Bioinformatics</i> , 2016, 17, 181.	2.6	30
47	CollagenVI-Cre mice: A new tool to target stromal cells in secondary lymphoid organs. <i>Scientific Reports</i> , 2016, 6, 33027.	3.3	17
48	RANKL expressed on synovial fibroblasts is primarily responsible for bone erosions during joint inflammation. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1187-1195.	0.9	177
49	Transmembrane TNF- β Reverse Signaling Inhibits Lipopolysaccharide-Induced Proinflammatory Cytokine Formation in Macrophages by Inducing TGF- β 2: Therapeutic Implications. <i>Journal of Immunology</i> , 2016, 196, 1146-1157.	0.8	40
50	Host and microbiota interactions are critical for development of murine Crohn's-like ileitis. <i>Mucosal Immunology</i> , 2016, 9, 787-797.	6.0	38
51	Synthesis and biological evaluation of potential small moleculeinhibitors of tumor necrosis factor. <i>MedChemComm</i> , 2015, 6, 1196-1209.	3.4	12
52	Neuroinflammatory TNF β Impairs Memory via Astrocyte Signaling. <i>Cell</i> , 2015, 163, 1730-1741.	28.9	258
53	IKK β in intestinal mesenchymal cells promotes initiation of colitis-associated cancer. <i>Journal of Experimental Medicine</i> , 2015, 212, 2235-2251.	8.5	109
54	Inflammation-induced formation of fat-associated lymphoid clusters. <i>Nature Immunology</i> , 2015, 16, 819-828.	14.5	175

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55	A 'rule of 3' to revive Greek science, research and innovation. <i>Nature Immunology</i> , 2015, 16, 1206-1208.	14.5	2
56	INFRAFRONTIER--providing mutant mouse resources as research tools for the international scientific community. <i>Nucleic Acids Research</i> , 2015, 43, D1171-D1175.	14.5	34
57	A Splicing Mutation in the Novel Mitochondrial Protein DNAJC11 Causes Motor Neuron Pathology Associated with Cristae Disorganization, and Lymphoid Abnormalities in Mice. <i>PLoS ONE</i> , 2014, 9, e104237.	2.5	42
58	Intestinal myofibroblast-specific Tpl2-Cox-2-PGE ₂ pathway links innate sensing to epithelial homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4658-67.	7.1	83
59	Proof of concept: enthesitis and new bone formation in spondyloarthritis are driven by mechanical strain and stromal cells. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 437-445.	0.9	334
60	Pleiotropic functions of TNF- α in the regulation of the intestinal epithelial response to inflammation. <i>International Immunology</i> , 2014, 26, 509-515.	4.0	144
61	Left-ventricular hypertrophy is associated better with 24-h aortic pressure than 24-h brachial pressure in hypertensive patients. <i>Journal of Hypertension</i> , 2014, 32, 1805-1814.	0.5	102
62	TNF- α -dependent development of lymphoid tissue in the absence of ROR γ t+ lymphoid tissue inducer cells. <i>Mucosal Immunology</i> , 2014, 7, 602-614.	6.0	57
63	Rationally Designed Less Toxic SPD α 304 Analogs and Preliminary Evaluation of Their TNF Inhibitory Effects. <i>Archiv Der Pharmazie</i> , 2014, 347, 798-805.	4.1	26
64	Regulation of Experimental Autoimmune Encephalomyelitis by TPL-2 Kinase. <i>Journal of Immunology</i> , 2014, 192, 3518-3529.	0.8	39
65	Death receptor-independent FADD signalling triggers hepatitis and hepatocellular carcinoma in mice with liver parenchymal cell-specific NEMO knockout. <i>Cell Death and Differentiation</i> , 2014, 21, 1721-1732.	11.2	31
66	Fetal Exposure to Maternal Inflammation Does Not Affect Postnatal Development of Genetically-Driven Ileitis and Colitis. <i>PLoS ONE</i> , 2014, 9, e98237.	2.5	6
67	Tumor Necrosis Factor Receptor Signaling in Keratinocytes Triggers Interleukin-24-Dependent Psoriasis-like Skin Inflammation in Mice. <i>Immunity</i> , 2013, 39, 899-911.	14.3	134
68	Safe TNF-based antitumor therapy following p55TNFR reduction in intestinal epithelium. <i>Journal of Clinical Investigation</i> , 2013, 123, 2590-2603.	8.2	64
69	A7.6 α ...Comparative Transcriptome Analysis of Human and Mouse Synovial Fibroblast Responses to TNF. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A50.1-A50.	0.9	0
70	Autotaxin expression from synovial fibroblasts is essential for the pathogenesis of modeled arthritis. <i>Journal of Experimental Medicine</i> , 2012, 209, 925-933.	8.5	143
71	A RANKL G278R mutation causing osteopetrosis identifies a functional amino acid essential for trimer assembly in RANKL and TNF. <i>Human Molecular Genetics</i> , 2012, 21, 784-798.	2.9	55
72	The trans-endothelial migration of murine synovial fibroblasts of hTNF transgenic mice is controlled by JAM-C. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A89.3-A90.	0.9	0

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73	The Yersinia outer protein M inhibits osteoclastogenesis in vitro and reduces bone destruction in hTNFtg mice in vivo. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A30.1-A30.	0.9	0
74	Sustained PI3-kinase activity in myeloid cells enhances osteoclastogenesis and augments local bone destruction. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A67.1-A67.	0.9	0
75	The signalling domain of the multiadaptor protein p62/SQSTM1 links reactive oxygen species formation and obesity to increased TNF α -mediated joint damage. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A70.2-A71.	0.9	0
76	Acid-Induced Acute Lung Injury in Mice is Associated With p44/42 and c-Jun N-Terminal Kinase Activation and Requires the Function of Tumor Necrosis Factor α Receptor I. <i>Shock</i> , 2012, 38, 381-386.	2.1	15
77	Molecular Modeling on Pyrimidine-Urea Inhibitors of TNF α Production: An Integrated Approach Using a Combination of Molecular Docking, Classification Techniques, and 3D-QSAR CoMSIA. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 711-723.	5.4	57
78	Inhibition of Syndecan-4 by therapeutic antibodies reduces TNF α dependent joint destruction in mice. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	0
79	Association of microRNA-221/222 and -323-3p with rheumatoid arthritis via predictions using the human TNF transgenic mouse model. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	1
80	Identification of microRNA-221/222 and microRNA-323-3p association with rheumatoid arthritis via predictions using the human tumour necrosis factor transgenic mouse model. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 1716-1723.	0.9	103
81	Membrane-Bound TNF Induces Protective Immune Responses to <i>M. bovis</i> BCG Infection: Regulation of memTNF and TNF Receptors Comparing Two memTNF Molecules. <i>PLoS ONE</i> , 2012, 7, e31469.	2.5	25
82	Protective role of syndecan-4 in experimental colitis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A76.1-A76.	0.9	0
83	The loss of $\alpha 2 \beta 1$ integrin suppresses joint inflammation and cartilage destruction in mouse models of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 1359-1368.	6.7	55
84	Inactivation of the Deubiquitinase CYLD in Hepatocytes Causes Apoptosis, Inflammation, Fibrosis, and Cancer. <i>Cancer Cell</i> , 2012, 21, 738-750.	16.8	123
85	TNFR2 on non-haematopoietic cells is required for Foxp3 ⁺ Treg cell function and disease suppression in EAE. <i>European Journal of Immunology</i> , 2012, 42, 403-412.	2.9	46
86	Loss of downregulated in adenoma (DRA) impairs mucosal HCO ₃ ⁻ secretion in murine ileocolonic inflammation. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 101-111.	1.9	78
87	Tpl2 regulates intestinal myofibroblast HGF release to suppress colitis-associated tumorigenesis. <i>Journal of Clinical Investigation</i> , 2012, 122, 4231-4242.	8.2	64
88	Myeloid Tak1 Acts as a Negative Regulator of the LPS Response and Mediates Resistance to Endotoxemia. <i>PLoS ONE</i> , 2012, 7, e31550.	2.5	21
89	A New Role for Myeloid HO-1 in the Innate to Adaptive Crosstalk and Immune Homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2011, 780, 101-111.	1.6	25
90	Animal models for arthritis: innovative tools for prevention and treatment. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1357-1362.	0.9	92

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91	Metabolic Phenotyping of the Crohn's Disease-like IBD Etiopathology in the TNF ^{ΔARE/WT} Mouse Model. <i>Journal of Proteome Research</i> , 2011, 10, 5523-5535.	3.7	63
92	Ligand - based virtual screening procedure for the prediction and the identification of novel β -amyloid aggregation inhibitors using Kohonen maps and Counterpropagation Artificial Neural Networks. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 497-508.	5.5	93
93	Antibodies against syndecan-4 reduce cartilage destruction and the progression after onset in RA-like disease of hTNF transgenic mice. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A76-A76.	0.9	0
94	Intestinal epithelial cells as producers but not targets of chronic TNF suffice to cause murine Crohn-like pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5396-5401.	7.1	115
95	Blockade of TNF rapidly inhibits pain responses in the central nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3731-3736.	7.1	308
96	A combined LS-SVM & MLR QSAR workflow for predicting the inhibition of CXCR3 receptor by quinazolinone analogs. <i>Molecular Diversity</i> , 2010, 14, 225-235.	3.9	48
97	Invariant natural killer T cells are natural regulators of murine spondylarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 988-999.	6.7	47
98	Antiinflammatory effects of tumor necrosis factor on hematopoietic cells in a murine model of erosive arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 1608-1619.	6.7	64
99	<i>In Silico</i> Exploration for Identifying Structure-Activity Relationship of MEK Inhibition and Oral Bioavailability for Isothiazole Derivatives. <i>Chemical Biology and Drug Design</i> , 2010, 76, 397-406.	3.2	56
100	Inflammatory tissue damage in chronic destructive arthritis is regulated by FHL2. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A19-A20.	0.9	0
101	The TRAF6 binding molecule p62/SQSTM1 is a critical regulator of inflammatory bone destruction. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A19-A19.	0.9	0
102	Mouse Resource Browser—a database of mouse databases. <i>Database: the Journal of Biological Databases and Curation</i> , 2010, 2010, baq010-baq010.	3.0	3
103	Antibodies against syndecan-4 reduce cartilage destruction in RA-like disease of htnf transgenic mice. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A45-A46.	0.9	0
104	Loss of integrin α 1 reduces tumour necrosis factor-dependent inflammatory cartilage destruction and matrix metalloproteinase expression through modulating extracellular signal-regulated kinase. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A22-A23.	0.9	0
105	SUMO-specific protease 7 (SEN7) regulates matrix metalloproteinase-9 expression in synovial fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A17-A17.	0.9	1
106	ERK-activated kinase RSK2 protects against inflammatory arthritis-induced bone destruction by opposing the tumour necrosis factor α -mediated inhibition of bone formation. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A24-A24.	0.9	0
107	Attenuation of TNF-driven murine ileitis by intestinal expression of the viral immunomodulator CrmD. <i>Mucosal Immunology</i> , 2010, 3, 633-644.	6.0	14
108	Cellular Mechanisms of TNF Function in Models of Inflammation and Autoimmunity. <i>Current Directions in Autoimmunity</i> , 2010, 11, 1-26.	8.0	143

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109	Regulatory T Cells Protect from Local and Systemic Bone Destruction in Arthritis. <i>Journal of Immunology</i> , 2010, 184, 7238-7246.	0.8	184
110	Myeloid heme oxygenase-1 regulates innate immunity and autoimmunity by modulating IFN- γ production. <i>Journal of Experimental Medicine</i> , 2009, 206, 1167-1179.	8.5	184
111	Cutting Edge: A Critical Role of B and T Lymphocyte Attenuator in Peripheral T Cell Tolerance Induction. <i>Journal of Immunology</i> , 2009, 182, 4516-4520.	0.8	52
112	The β -Isoform of p38 MAPK Specifically Regulates Arthritic Bone Loss. <i>Journal of Immunology</i> , 2009, 183, 5938-5947.	0.8	76
113	Models for financial sustainability of biological databases and resources. <i>Database: the Journal of Biological Databases and Curation</i> , 2009, 2009, bap017-bap017.	3.0	27
114	MK2 regulates the early stages of skin tumor promotion. <i>Carcinogenesis</i> , 2009, 30, 2100-2108.	2.8	35
115	Role of the Innate Immune System in Acute Viral Myocarditis. <i>Basic Research in Cardiology</i> , 2009, 104, 228-237.	5.9	45
116	A novel QSAR model for predicting the inhibition of CXCR3 Receptor by 4-N-aryl-[1,4] diazepane ureas. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 877-884.	5.5	51
117	Induction of Autoantibody-Mediated Spontaneous Arthritis Critically Depends on Follicular Dendritic Cells. <i>Immunity</i> , 2009, 30, 130-142.	14.3	56
118	Predictive QSAR workflow for the in silico identification and screening of novel HDAC inhibitors. <i>Molecular Diversity</i> , 2009, 13, 301-311.	3.9	59
119	Suppressive effect of secretory phospholipase A2 inhibitory peptide on interleukin-1 β -induced matrix metalloproteinase production in rheumatoid synovial fibroblasts, and its antiarthritic activity in hTNF α mice. <i>Arthritis Research and Therapy</i> , 2009, 11, R138.	3.5	16
120	The tumor-promoting actions of TNF- α involve TNFR1 and IL-17 in ovarian cancer in mice and humans. <i>Journal of Clinical Investigation</i> , 2009, 119, 3011-3023.	8.2	280
121	Differentially regulated expression of growth differentiation factor 5 and bone morphogenetic protein 7 in articular cartilage and synovium in murine chronic arthritis: Potential importance for cartilage breakdown and synovial hypertrophy. <i>Arthritis and Rheumatism</i> , 2008, 58, 109-118.	6.7	18
122	Cathepsin K deficiency partially inhibits, but does not prevent, bone destruction in human tumor necrosis factor- α transgenic mice. <i>Arthritis and Rheumatism</i> , 2008, 58, 422-434.	6.7	33
123	Function of TRADD in tumor necrosis factor receptor 1 signaling and in TRIF-dependent inflammatory responses. <i>Nature Immunology</i> , 2008, 9, 1037-1046.	14.5	238
124	Multivesicular bodies in intestinal epithelial cells: responsible for MHC class II-restricted antigen processing and origin of exosomes. <i>Immunology</i> , 2008, 125, 510-521.	4.4	34
125	Protective role of membrane tumour necrosis factor in the host's resistance to mycobacterial infection. <i>Immunology</i> , 2008, 125, 522-534.	4.4	29
126	Role of β 7 Integrin and the Chemokine/Chemokine Receptor Pair CCL25/CCR9 in Modeled TNF-Dependent Crohn's Disease. <i>Gastroenterology</i> , 2008, 134, 2025-2035.	1.3	96

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127	Induction of arthritis by high mobility group box chromosomal protein 1 is independent of tumour necrosis factor signalling. <i>Arthritis Research and Therapy</i> , 2008, 10, R72.	3.5	16
128	Endothelial Cell-Specific NF- κ B Inhibition Protects Mice from Atherosclerosis. <i>Cell Metabolism</i> , 2008, 8, 372-383.	16.2	338
129	Murine TNF α /ARE Crohn's disease model displays diminished expression of intestinal Ca ²⁺ transporters. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 803-811.	1.9	41
130	Mesenchymal cell targeting by TNF as a common pathogenic principle in chronic inflammatory joint and intestinal diseases. <i>Journal of Experimental Medicine</i> , 2008, 205, 331-337.	8.5	425
131	An Essential Role for TNF in Modulating Thresholds for Survival, Activation, and Tolerance of CD8 ⁺ T Cells. <i>Journal of Immunology</i> , 2007, 178, 6735-6745.	0.8	20
132	MUGEN mouse database; Animal models of human immunological diseases. <i>Nucleic Acids Research</i> , 2007, 36, D1048-D1054.	14.5	13
133	Protection of Zinc against Tumor Necrosis Factor α -Induced Lethal Inflammation Depends on Heat Shock Protein 70 and Allows Safe Antitumor Therapy. <i>Cancer Research</i> , 2007, 67, 7301-7307.	0.9	35
134	Actin cytoskeleton dynamics linked to synovial fibroblast activation as a novel pathogenic principle in TNF-driven arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, iii23-iii28.	0.9	39
135	Insulin-like growth factor-I ameliorates demyelination induced by tumor necrosis factor- α in transgenic mice. <i>Journal of Neuroscience Research</i> , 2007, 85, 712-722.	2.9	38
136	Integration of mouse phenome data resources. <i>Mammalian Genome</i> , 2007, 18, 157-163.	2.2	44
137	Functional Genetic and Genomic Analysis of Modeled Arthritis. <i>Advances in Experimental Medicine and Biology</i> , 2007, 602, 33-42.	1.6	1
138	Onset and Progression in Inherited ALS Determined by Motor Neurons and Microglia. <i>Science</i> , 2006, 312, 1389-1392.	12.6	1,457
139	FDC-Specific Functions of p55TNFR and IKK2 in the Development of FDC Networks and of Antibody Responses. <i>Immunity</i> , 2006, 24, 65-77.	14.3	110
140	Soluble TNF Mediates the Transition from Pulmonary Inflammation to Fibrosis. <i>PLoS ONE</i> , 2006, 1, e108.	2.5	116
141	Activation of p38 MAPK is a key step in tumor necrosis factor α -mediated inflammatory bone destruction. <i>Arthritis and Rheumatism</i> , 2006, 54, 463-472.	6.7	129
142	Transmembrane TNF protects mutant mice against intracellular bacterial infections, chronic inflammation and autoimmunity. <i>European Journal of Immunology</i> , 2006, 36, 2768-2780.	2.9	116
143	Role of TL1A and its receptor DR3 in two models of chronic murine ileitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8441-8446.	7.1	157
144	TNF pathophysiology in murine models of chronic inflammation and autoimmunity. <i>Seminars in Arthritis and Rheumatism</i> , 2005, 34, 3-6.	3.4	106

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145	Cytoskeletal Rearrangements in Synovial Fibroblasts as a Novel Pathophysiological Determinant of Modeled Rheumatoid Arthritis. <i>PLoS Genetics</i> , 2005, 1, e48.	3.5	49
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