

George Kollias

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241
papers

28,734
citations

81
h-index

167
g-index

275
ext. papers

31,639
ext. citations

11
avg, IF

6.52
L-index

#	Paper	IF	Citations
241	The second decade of anti-TNF-a therapy in clinical practice: new lessons and future directions in the COVID-19 era.. <i>Rheumatology International</i> , 2022 , 1	3.6	1
240	Fibroblastic reticular cell lineage convergence in Peyer's patches governs intestinal immunity. <i>Nature Immunology</i> , 2021 , 22, 510-519	19.1	8
239	Fibroblasts as immune regulators in infection, inflammation and cancer. <i>Nature Reviews Immunology</i> , 2021 , 21, 704-717	36.5	42
238	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	8.5	4
237	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	10.6	4
236	OMASHO recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , 2021 ,	2.4	10
235	Plasma cells promote osteoclastogenesis and periarticular bone loss in autoimmune arthritis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
234	INFRAFRONTIER quality principles in systemic phenotyping. <i>Mammalian Genome</i> , 2021 , 1	3.2	0
233	Harnessing murine models of Crohn's disease ileitis to advance concepts of pathophysiology and treatment. <i>Mucosal Immunology</i> , 2021 ,	9.2	1
232	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,	6.3	2
231	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	10.1	4
230	Col6a1/CD201 mesenchymal cells regulate intestinal morphogenesis and homeostasis.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 1	10.3	1
229	Genetic deletion of Autotaxin from CD11b+ cells decreases the severity of experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2020 , 15, e0226050	3.7	4
228	Paracrine orchestration of intestinal tumorigenesis by a mesenchymal niche. <i>Nature</i> , 2020 , 580, 524-529	50.4	87
227	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	19.2	66
226	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	5.7	5
225	The mesenchymal context in inflammation, immunity and cancer. <i>Nature Immunology</i> , 2020 , 21, 974-982	19.1	59

224	Transmembrane TNF drives osteoproliferative joint inflammation reminiscent of human spondyloarthritis. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	13
223	Unfolding innate mechanisms in the cancer microenvironment: The emerging role of the mesenchyme. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	6
222	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	5.3	14
221	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	5	11
220	A20 prevents inflammasome-dependent arthritis by inhibiting macrophage necroptosis through its ZnF7 ubiquitin-binding domain. <i>Nature Cell Biology</i> , 2019 , 21, 731-742	23.4	67
219	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	12.7	11
218	Wnt1 silences chemokine genes in dendritic cells and induces adaptive immune resistance in lung adenocarcinoma. <i>Nature Communications</i> , 2019 , 10, 1405	17.4	43
217	Inhibiting Interleukin 36 Receptor Signaling Reduces Fibrosis in Mice With Chronic Intestinal Inflammation. <i>Gastroenterology</i> , 2019 , 156, 1082-1097.e11	13.3	75
216	Innate Sensing through Mesenchymal TLR4/MyD88 Signals Promotes Spontaneous Intestinal Tumorigenesis. <i>Cell Reports</i> , 2019 , 26, 536-545.e4	10.6	19
215	Comorbid TNF-mediated heart valve disease and chronic polyarthritis share common mesenchymal cell-mediated aetiopathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 926-934	2.4	14
214	The p55TNFR-IKK2-Ripk3 axis orchestrates arthritis by regulating death and inflammatory pathways in synovial fibroblasts. <i>Nature Communications</i> , 2018 , 9, 618	17.4	23
213	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	5.6	8
212	Mesenchymal TNFR2 promotes the development of polyarthritis and comorbid heart valve stenosis. <i>JCI Insight</i> , 2018 , 3,	9.9	15
211	Mechanical strain determines the site-specific localization of inflammation and tissue damage in arthritis. <i>Nature Communications</i> , 2018 , 9, 4613	17.4	83
210	Mesenchymal MAPKAPK2/HSP27 drives intestinal carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5546-E5555	11.5	20
209	Mesenchymal Cells in Colon Cancer. <i>Gastroenterology</i> , 2017 , 152, 964-979	13.3	102
208	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	2.4	48
207	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	9.5	20

206	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	4.9	1
205	Epigenetically-driven anatomical diversity of synovial fibroblasts guides joint-specific fibroblast functions. <i>Nature Communications</i> , 2017 , 8, 14852	17.4	89
204	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	3.4	9
203	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	5	37
202	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	3.2	9
201	Host and microbiota interactions are critical for development of murine Crohn's-like ileitis. <i>Mucosal Immunology</i> , 2016 , 9, 787-97	9.2	25
200	Inferring active regulatory networks from gene expression data using a combination of prior knowledge and enrichment analysis. <i>BMC Bioinformatics</i> , 2016 , 17 Suppl 5, 181	3.6	19
199	CollagenVI-Cre mice: A new tool to target stromal cells in secondary lymphoid organs. <i>Scientific Reports</i> , 2016 , 6, 33027	4.9	12
198	RANKL expressed on synovial fibroblasts is primarily responsible for bone erosions during joint inflammation. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1187-95	2.4	116
197	Transmembrane TNF-Reverse Signaling Inhibits Lipopolysaccharide-Induced Proinflammatory Cytokine Formation in Macrophages by Inducing TGF- β Therapeutic Implications. <i>Journal of Immunology</i> , 2016 , 196, 1146-57	5.3	32
196	Opposing role of tumor necrosis factor receptor 1 signaling in T cell-mediated hepatitis and bacterial infection in mice. <i>Hepatology</i> , 2016 , 64, 508-21	11.2	15
195	Innate myeloid cell TNFR1 mediates first line defence against primary Mycobacterium tuberculosis infection. <i>Scientific Reports</i> , 2016 , 6, 22454	4.9	26
194	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	5.6	24
193	Inflammation-induced formation of fat-associated lymphoid clusters. <i>Nature Immunology</i> , 2015 , 16, 819-828	9.1	128
192	A Guide to revive Greek science, research and innovation. <i>Nature Immunology</i> , 2015 , 16, 1206-8	19.1	1
191	INFRAFRONTIER--providing mutant mouse resources as research tools for the international scientific community. <i>Nucleic Acids Research</i> , 2015 , 43, D1171-5	20.1	25
190	Synthesis and biological evaluation of potential small molecule inhibitors of tumor necrosis factor. <i>MedChemComm</i> , 2015 , 6, 1196-1209	5	8
189	Neuroinflammatory TNF β impairs Memory via Astrocyte Signaling. <i>Cell</i> , 2015 , 163, 1730-41	56.2	190

188	IKK α in intestinal mesenchymal cells promotes initiation of colitis-associated cancer. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2235-51	16.6	81
187	TNF α -dependent development of lymphoid tissue in the absence of ROR γ ⁺ lymphoid tissue inducer cells. <i>Mucosal Immunology</i> , 2014 , 7, 602-14	9.2	48
186	Rationally designed less toxic SPD-304 analogs and preliminary evaluation of their TNF inhibitory effects. <i>Archiv Der Pharmazie</i> , 2014 , 347, 798-805	4.3	17
185	Regulation of experimental autoimmune encephalomyelitis by TPL-2 kinase. <i>Journal of Immunology</i> , 2014 , 192, 3518-3529	5.3	29
184	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	12.7	26
183	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	7.7	30
182	Intestinal myofibroblast-specific Tpl2-Cox-2-PGE2 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	11.5	52
181	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, 437-45	2.4	259
180	Pleiotropic functions of TNF α in the regulation of the intestinal epithelial response to inflammation. <i>International Immunology</i> , 2014 , 26, 509-15	4.9	102
179	Left-ventricular hypertrophy is associated better with 24-h aortic pressure than 24-h brachial pressure in hypertensive patients: the SAFAR study. <i>Journal of Hypertension</i> , 2014 , 32, 1805-14	1.9	86
178	Fetal exposure to maternal inflammation does not affect postnatal development of genetically-driven ileitis and colitis. <i>PLoS ONE</i> , 2014 , 9, e98237	3.7	6
177	Tumor necrosis factor receptor signaling in keratinocytes triggers interleukin-24-dependent psoriasis-like skin inflammation in mice. <i>Immunity</i> , 2013 , 39, 899-911	32.3	106
176	Safe TNF-based antitumor therapy following p55TNFR reduction in intestinal epithelium. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2590-603	15.9	54
175	A7.6 Comparative Transcriptome Analysis of Human and Mouse Synovial Fibroblast Responses to TNF. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A50.1-A50	2.4	
174	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, 403-12	6.1	40
173	Loss of downregulated in adenoma (DRA) impairs mucosal HCO ₃ ⁻ secretion in murine ileocolonic inflammation. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, 101-11	4.5	62
172	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, 711-23	6.1	50
171	Inhibition of Syndecan-4 by therapeutic antibodies reduces TNF α -dependent joint destruction in mice. <i>Arthritis Research and Therapy</i> , 2012 , 14,	5.7	78

170	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,	5.7	1
169	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, 1716-23	2.4	83
168	Membrane-bound TNF induces protective immune responses to M. bovis BCG infection: regulation of memTNF and TNF receptors comparing two memTNF molecules. <i>PLoS ONE</i> , 2012 , 7, e31469	3.7	23
167	Protective role of syndecan-4 in experimental colitis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A76.1-A76.6	2.4	76
166	The loss of $\alpha 1$ integrin suppresses joint inflammation and cartilage destruction in mouse models of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1359-68		47
165	Inactivation of the deubiquitinase CYLD in hepatocytes causes apoptosis, inflammation, fibrosis, and cancer. <i>Cancer Cell</i> , 2012 , 21, 738-50	24.3	108
164	Autotaxin expression from synovial fibroblasts is essential for the pathogenesis of modeled arthritis. <i>Journal of Experimental Medicine</i> , 2012 , 209, 925-33	16.6	118
163	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, 784-98	5.6	45
162	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	2.4	
161	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	2.4	
160	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	2.4	
159	The signalling domain of the multiadaptor protein p62/SQSTM1 links reactive oxygen species formation and obesity to increased TNF-mediated joint damage. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A70.2-A71	2.4	
158	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 receptor I. <i>Shock</i> , 2012 , 38, 381-6	3.4	11
157	Tpl2 regulates intestinal myofibroblast HGF release to suppress colitis-associated tumorigenesis. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4231-42	15.9	56
156	Myeloid TAK1 [corrected] acts as a negative regulator of the LPS response and mediates resistance to endotoxemia. <i>PLoS ONE</i> , 2012 , 7, e31550	3.7	20
155	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, 101-11	3.6	21
154	Animal models for arthritis: innovative tools for prevention and treatment. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1357-62	2.4	78
153	Metabolic phenotyping of the Crohn's disease-like IBD etiopathology in the TNF(ARE/WT) mouse model. <i>Journal of Proteome Research</i> , 2011 , 10, 5523-35	5.6	57

152	Ligand-based virtual screening procedure for the prediction and the identification of novel Amyloid aggregation inhibitors using Kohonen maps and Counterpropagation Artificial Neural Networks. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 497-508	6.8	81
151	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	2.4	
150	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, 5396-401	11.5	92
149	Blockade of TNF- α 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, 3731-6	11.5	237
148	In silico 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	2.9	44
147	Inflammatory tissue damage in chronic destructive arthritis is regulated by FHL2. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, A19-A20	2.4	
146	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	2.4	
145	Mouse Resource Browser--a database of mouse databases. <i>Database: the Journal of Biological Databases and Curation</i> , 2010 , 2010, baq010	5	3
144	Loss of integrin $\alpha 5$ 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	2.4	
143	SUMO-specific protease 7 (SEN7) regulates matrix metalloproteinase-9 expression in synovial fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, A17-A17	2.4	0
142	Attenuation of TNF-driven murine ileitis by intestinal expression of the viral immunomodulator CrmD. <i>Mucosal Immunology</i> , 2010 , 3, 633-44	9.2	10
141	Cellular mechanisms of TNF function in models of inflammation and autoimmunity. <i>Current Directions in Autoimmunity</i> , 2010 , 11, 1-26		107
140	Regulatory T cells protect from local and systemic bone destruction in arthritis. <i>Journal of Immunology</i> , 2010 , 184, 7238-46	5.3	153
139	A combined LS-SVM & MLR QSAR workflow for predicting the inhibition of CXCR3 receptor by quinazolinone analogs. <i>Molecular Diversity</i> , 2010 , 14, 225-35	3.1	44
138	Invariant natural killer T cells are natural regulators of murine spondylarthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 988-99		39
137	Antiinflammatory effects of tumor necrosis factor on hematopoietic cells in a murine model of erosive arthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1608-19		53
136	Myeloid heme oxygenase-1 regulates innate immunity and autoimmunity by modulating IFN-beta production. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1167-79	16.6	151
135	Cutting edge: A critical role of B and T lymphocyte attenuator in peripheral T cell tolerance induction. <i>Journal of Immunology</i> , 2009 , 182, 4516-20	5.3	45

134	The alpha-isoform of p38 MAPK specifically regulates arthritic bone loss. <i>Journal of Immunology</i> , 2009 , 183, 5938-47	5.3	67
133	Models for financial sustainability of biological databases and resources. <i>Database: the Journal of Biological Databases and Curation</i> , 2009 , 2009, bap017	5	23
132	MK2 regulates the early stages of skin tumor promotion. <i>Carcinogenesis</i> , 2009 , 30, 2100-8	4.6	31
131	Role of the innate immune system in acute viral myocarditis. <i>Basic Research in Cardiology</i> , 2009 , 104, 228-37	11.8	32
130	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, 877-84	6.8	47
129	Induction of autoantibody-mediated spontaneous arthritis critically depends on follicular dendritic cells. <i>Immunity</i> , 2009 , 30, 130-42	32.3	49
128	Predictive QSAR workflow for the in silico identification and screening of novel HDAC inhibitors. <i>Molecular Diversity</i> , 2009 , 13, 301-11	3.1	51
127	Suppressive effect of secretory phospholipase A2 inhibitory peptide on interleukin-1beta-induced matrix metalloproteinase production in rheumatoid synovial fibroblasts, and its antiarthritic activity in hTNFtg mice. <i>Arthritis Research and Therapy</i> , 2009 , 11, R138	5.7	13
126	The tumor-promoting actions of TNF-alpha involve TNFR1 and IL-17 in ovarian cancer in mice and humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3011-23	15.9	236
125	Function of TRADD in tumor necrosis factor receptor 1 signaling and in TRIF-dependent inflammatory responses. <i>Nature Immunology</i> , 2008 , 9, 1037-46	19.1	212
124	Multivesicular bodies in intestinal epithelial cells: responsible for MHC class II-restricted antigen processing and origin of exosomes. <i>Immunology</i> , 2008 , 125, 510-21	7.8	32
123	Protective role of membrane tumour necrosis factor in the host's resistance to mycobacterial infection. <i>Immunology</i> , 2008 , 125, 522-34	7.8	22
122	Role of beta7 integrin and the chemokine/chemokine receptor pair CCL25/CCR9 in modeled TNF-dependent Crohn's disease. <i>Gastroenterology</i> , 2008 , 134, 2025-35	13.3	87
121	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	5.7	15
120	Endothelial cell-specific NF-kappaB inhibition protects mice from atherosclerosis. <i>Cell Metabolism</i> , 2008 , 8, 372-83	24.6	279
119	Murine TNF(DeltaARE) Crohn's disease model displays diminished expression of intestinal Ca ²⁺ transporters. <i>Inflammatory Bowel Diseases</i> , 2008 , 14, 803-11	4.5	35
118	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, 331-7	16.6	366
117	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, 109-18		16

116	Cathepsin K deficiency partially inhibits, but does not prevent, bone destruction in human tumor necrosis factor-transgenic mice. <i>Arthritis and Rheumatism</i> , 2008 , 58, 422-34		33
115	MUGEN mouse database; animal models of human immunological diseases. <i>Nucleic Acids Research</i> , 2008 , 36, D1048-54	20.1	10
114	Insulin-like growth factor-I ameliorates demyelination induced by tumor necrosis factor-alpha in transgenic mice. <i>Journal of Neuroscience Research</i> , 2007 , 85, 712-22	4.4	32
113	Mouse Phenotype Database Integration Consortium: integration [corrected] of mouse phenome data resources. <i>Mammalian Genome</i> , 2007 , 18, 157-63	3.2	41
112	An essential role for TNF in modulating thresholds for survival, activation, and tolerance of CD8+ T cells. <i>Journal of Immunology</i> , 2007 , 178, 6735-45	5.3	20
111	Protection of zinc against tumor necrosis factor induced lethal inflammation depends on heat shock protein 70 and allows safe antitumor therapy. <i>Cancer Research</i> , 2007 , 67, 7301-7	10.1	33
110	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 Suppl 3, iii23-8	2.4	22
109	Functional genetic and genomic analysis of modeled arthritis. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 602, 33-42	3.6	1
108	Activation of p38 MAPK is a key step in tumor necrosis factor-mediated inflammatory bone destruction. <i>Arthritis and Rheumatism</i> , 2006 , 54, 463-72		112
107	Transmembrane TNF protects mutant mice against intracellular bacterial infections, chronic inflammation and autoimmunity. <i>European Journal of Immunology</i> , 2006 , 36, 2768-80	6.1	100
106	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, 8441-6	11.5	130
105	Onset and progression in inherited ALS determined by motor neurons and microglia. <i>Science</i> , 2006 , 312, 1389-92	33.3	1242
104	FDC-specific functions of p55TNFR and IKK2 in the development of FDC networks and of antibody responses. <i>Immunity</i> , 2006 , 24, 65-77	32.3	97
103	Soluble TNF mediates the transition from pulmonary inflammation to fibrosis. <i>PLoS ONE</i> , 2006 , 1, e108	3.7	96
102	The transcriptional landscape of the mammalian genome. <i>Science</i> , 2005 , 309, 1559-63	33.3	2807
101	HuR as a negative posttranscriptional modulator in inflammation. <i>Molecular Cell</i> , 2005 , 19, 777-89	17.6	193
100	TNF pathophysiology in murine models of chronic inflammation and autoimmunity. <i>Seminars in Arthritis and Rheumatism</i> , 2005 , 34, 3-6	5.3	93
99	Cytoskeletal rearrangements in synovial fibroblasts as a novel pathophysiological determinant of modeled rheumatoid arthritis. <i>PLoS Genetics</i> , 2005 , 1, e48	6	45

98	Generation and characterization of p38beta (MAPK11) gene-targeted mice. <i>Molecular and Cellular Biology</i> , 2005 , 25, 10454-64	4.8	204
97	Heme oxygenase 1 (HO-1) regulates osteoclastogenesis and bone resorption. <i>FASEB Journal</i> , 2005 , 19, 2011-3	0.9	104
96	Aberrant expression of the autoantigen heterogeneous nuclear ribonucleoprotein-A2 (RA33) and spontaneous formation of rheumatoid arthritis-associated anti-RA33 autoantibodies in TNF-alpha transgenic mice. <i>Journal of Immunology</i> , 2005 , 175, 8327-36	5.3	32
95	Apoptosis of oligodendrocytes via Fas and TNF-R1 is a key event in the induction of experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2005 , 175, 5875-84	5.3	129
94	Genetic engineering in the mouse: tuning TNF/TNFR expression. <i>Methods in Molecular Medicine</i> , 2004 , 98, 137-70		5
93	Comparative analysis of signal transduction by CD40 and the Epstein-Barr virus oncoprotein LMP1 in vivo. <i>Journal of Virology</i> , 2004 , 78, 13253-61	6.6	49
92	The European dimension for the mouse genome mutagenesis program. <i>Nature Genetics</i> , 2004 , 36, 925-7	36.3	176
91	Arthritis induces lymphocytic bone marrow inflammation and endosteal bone formation. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 990-8	6.3	47
90	Response of TNF-hyporesponsive SPRET/Ei mice in models of inflammatory disorders. <i>Mammalian Genome</i> , 2004 , 15, 537-43	3.2	5
89	Single and combined inhibition of tumor necrosis factor, interleukin-1, and RANKL pathways in tumor necrosis factor-induced arthritis: effects on synovial inflammation, bone erosion, and cartilage destruction. <i>Arthritis and Rheumatism</i> , 2004 , 50, 277-90		264
88	Overexpression of tumor necrosis factor causes bilateral sacroiliitis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1001-5		29
87	Zoledronic acid protects against local and systemic bone loss in tumor necrosis factor-mediated arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 2327-37		91
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