Andrew D Cook

List of Publications by Year
in descending order

60 papers	4,845 citations	109264 35 h-index	133188 59 g-index
60 all docs	60 docs citations	60 times ranked	7579 citing authors

#	Article	IF	Citations
1	Granulocyte-Macrophage Colony-Stimulating Factor (CSF) and Macrophage CSF-Dependent Macrophage Phenotypes Display Differences in Cytokine Profiles and Transcription Factor Activities: Implications for CSF Blockade in Inflammation. Journal of Immunology, 2007, 178, 5245-5252.	0.4	514
2	Defining GM-CSFâ€“ and Macrophage-CSFâ€“Dependent Macrophage Responses by In Vitro Models. Journal of Immunology, 2012, 188, 5752-5765.	0.4	429
3	GM-CSF- and M-CSF-dependent macrophage phenotypes display differential dependence on Type I interferon signaling. Journal of Leukocyte Biology, 2009, 86, 411-421.	1.5	240
4	Therapeutic options for targeting inflammatory osteoarthritis pain. Nature Reviews Rheumatology, 2019, 15, 355-363.	3.5	227
5	The TGF-Î² superfamily cytokine, MIC-1/GDF15: A pleotrophic cytokine with roles in inflammation, cancer and metabolism. Growth Factors, 2011, 29, 187-195.	0.5	214
6	Functions of Granulocyte-Macrophage Colony-Stimulating Factor. Critical Reviews in Immunology, 2005, 25, 405-428.	1.0	179
7	Blockade of collagen-induced arthritis post-onset by antibody to granulocyte-macrophage colony-stimulating factor (GM-CSF): requirement for GM-CSF in the effector phase of disease. Arthritis Research, 2001, 3, 293.	2.0	165
8	Immune Cytokines and Their Receptors in Inflammatory Pain. Trends in Immunology, 2018, 39, 240-255.	2.9	165
9	Mouse neutrophilic granulocytes express mRNA encoding the macrophage colony-stimulating factor receptor (CSF-1R) as well as many other macrophage-specific transcripts and can transdifferentiate into macrophages in vitro in response to CSF-1. Journal of Leukocyte Biology, 2007, 82, 111-123.	1.5	155
10	Metabolic Remodeling, Inflammasome Activation, and Pyroptosis in Macrophages Stimulated by Porphyromonas gingivalis and Its Outer Membrane Vesicles. Frontiers in Cellular and Infection Microbiology, 2017, 7, 351.	1.8	138
11	Anti-colony-stimulating factor therapies for inflammatory and autoimmune diseases. Nature Reviews Drug Discovery, 2017, 16, 53-70.	21.5	137
12	Genetic linkage analysis of collagen-induced arthritis in the mouse. European Journal of Immunology, 1998, 28, 3321-3328.	1.6	136
13	Granulocyte macrophage colony-stimulating factor induces CCL17 production via IRF4 to mediate inflammation. Journal of Clinical Investigation, 2016, 126, 3453-3466.	3.9	129
14	Control of macrophage lineage populations by CSFâ€1 receptor and GMâ€CSF in homeostasis and inflammation. Immunology and Cell Biology, 2012, 90, 429-440.	1.0	107
15	K/BxN Serum-Transfer Arthritis as a Model for Human Inflammatory Arthritis. Frontiers in Immunology, 2016, 7, 213.	2.2	107
16	The Promotion of Breast Cancer Metastasis Caused by Inhibition of CSF-1R/CSF-1 Signaling Is Blocked by Targeting the G-CSF Receptor. Cancer Immunology Research, 2014, 2, 765-776.	1.6	97
17	Innate immune responses to LPS in mouse lung are suppressed and reversed by neutralization of GM-CSF via repression of TLR-4. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L877-L885.	1.3	96
18	Granulocyte-macrophage colony-stimulating factor is a key mediator in experimental osteoarthritis pain and disease development. Arthritis Research and Therapy, 2012, 14, R199.	1.6	96

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19	The Phenotype of Inflammatory Macrophages Is Stimulus Dependent: Implications for the Nature of the Inflammatory Response. Journal of Immunology, 2003, 171, 4816-4823.	0.4	89
20	Genetic control of collagen-induced arthritis in a cross with NOD and C57BL/10 mice is dependent on gene regions encoding complement factor 5 and FcÎ³RIIb and is not associated with loci controlling diabetes. European Journal of Immunology, 2001, 31, 1847-1856.	1.6	83
21	Granulocyte-macrophage colony-stimulating factor is a key mediator in inflammatory and arthritic pain. Annals of the Rheumatic Diseases, 2013, 72, 265-270.	0.5	82
22	Macrophage lineage phenotypes and osteoclastogenesisâ€”Complexity in the control by GM-CSF and TGF-Î². Bone, 2007, 40, 323-336.	1.4	78
23	CCL17 blockade as a therapy for osteoarthritis pain and disease. Arthritis Research and Therapy, 2018, 20, 62.	1.6	71
24	Specific Contributions of CSF-1 and GM-CSF to the Dynamics of the Mononuclear Phagocyte System. Journal of Immunology, 2015, 195, 134-144.	0.4	70
25	Macrophage Activation and Differentiation Signals Regulate Schlafen-4 Gene Expression: Evidence for Schlafen-4 as a Modulator of Myelopoiesis. PLoS ONE, 2011, 6, e15723.	1.1	67
26	Granulocyte-Macrophage Colony-Stimulating Factor Is Neuroprotective in Experimental Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 976-983.	1.7	63
27	Stimulus-Dependent Requirement for Granulocyte-Macrophage Colony-Stimulating Factor in Inflammation. Journal of Immunology, 2004, 173, 4643-4651.	0.4	60
28	Regulation of systemic and local myeloid cell subpopulations by bone marrow cellâ€“derived granulocyteâ€“macrophage colonyâ€stimulating factor in experimental inflammatory arthritis. Arthritis and Rheumatism, 2011, 63, 2340-2351.	6.7	59
29	Differing Roles for Urokinase and Tissue-Type Plasminogen Activator in Collagen-Induced Arthritis. American Journal of Pathology, 2002, 160, 917-926.	1.9	53
30	Glucocorticoids promote apoptosis of proinflammatory monocytes by inhibiting ERK activity. Cell Death and Disease, 2018, 9, 267.	2.7	50
31	Antibodies to type II collagen and HLA disease susceptibility markers in rheumatoid arthritis. Arthritis and Rheumatism, 1999, 42, 2569-2576.	6.7	48
32	Autocrine IFN-I inhibits isocitrate dehydrogenase in the TCA cycle of LPS-stimulated macrophages. Journal of Clinical Investigation, 2019, 129, 4239-4244.	3.9	45
33	Epigenetic and transcriptional regulation of IL4-induced CCL17 production in human monocytes and murine macrophages. Journal of Biological Chemistry, 2018, 293, 11415-11423.	1.6	44
34	The generation and properties of human macrophage populations from hemopoietic stem cells. Journal of Leukocyte Biology, 2009, 85, 766-778.	1.5	42
35	Granulocyte macrophage colony-stimulating factor receptor Î± expression and its targeting in antigen-induced arthritis and inflammation. Arthritis Research and Therapy, 2016, 18, 287.	1.6	38
36	TNF and granulocyte macrophage-colony stimulating factor interdependence mediates inflammation via CCL17. JCI Insight, 2018, 3, .	2.3	36

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37	Antibodies against the CB10 fragment of type II collagen in rheumatoid arthritis. Arthritis Research, 2004, 6, R477.	2.0	33
38	Urokinase-type plasminogen activator and arthritis progression: role in systemic disease with immune complex involvement. Arthritis Research and Therapy, 2010, 12, R37.	1.6	31
39	CSF-1 receptor signalling from endosomes mediates the sustained activation of Erk1/2 and Akt in macrophages. Cellular Signalling, 2012, 24, 1753-1761.	1.7	30
40	Mimotopes Identified by Phage Display for the Monoclonal Antibody CII-C1 to Type II Collagen. Journal of Autoimmunity, 1998, 11, 205-211.	3.0	29
41	The interface between cholinergic pathways and the immune system and its relevance to arthritis. Arthritis Research and Therapy, 2015, 17, 87.	1.6	29
42	G-CSF Receptor Blockade Ameliorates Arthritic Pain and Disease. Journal of Immunology, 2017, 198, 3565-3575.	0.4	28
43	GM-CSFâ€“ and IRF4-Dependent Signaling Can Regulate Myeloid Cell Numbers and the Macrophage Phenotype during Inflammation. Journal of Immunology, 2019, 202, 3033-3040.	0.4	28
44	Investigational therapies targeting the granulocyte macrophage colony-stimulating factor receptor-Î± in rheumatoid arthritis: focus on mavrilimumab. Therapeutic Advances in Musculoskeletal Disease, 2018, 10, 29-38.	1.2	25
45	CSF-1 in Inflammatory and Arthritic Pain Development. Journal of Immunology, 2018, 201, 2042-2053.	0.4	22
46	Granulocyte-Macrophage Colony Stimulating Factor As an Indirect Mediator of Nociceptor Activation and Pain. Journal of Neuroscience, 2020, 40, 2189-2199.	1.7	22
47	Porphyromonas gingivalis-derived RgpA-Kgp Complex Activates the Macrophage Urokinase Plasminogen Activator System. Journal of Biological Chemistry, 2015, 290, 16031-16042.	1.6	21
48	Granulocyte colonyâ€stimulating factor (Gâ€CSF) plays an important role in immune complexâ€mediated arthritis. European Journal of Immunology, 2016, 46, 1235-1245.	1.6	21
49	CCL17 in Inflammation and Pain. Journal of Immunology, 2020, 205, 213-222.	0.4	21
50	Urokinase-type plasminogen activator and arthritis progression: contrasting roles in systemic and monoarticular arthritis models. Arthritis Research and Therapy, 2010, 12, R199.	1.6	19
51	Antibodies to the Collagen-like Region of C1q and Type II Collagen are Independent Non-cross-reactive Populations in Systemic Lupus Erythematosus and Rheumatoid Arthritis. Journal of Autoimmunity, 1994, 7, 369-378.	3.0	15
52	Antibodies to Collagen: Comparative Epitope Mapping in Women with Silicon Breast Implants, Systemic Lupus Erythematosus and Rheumatoid Arthritis. Journal of Autoimmunity, 1994, 7, 775-789.	3.0	14
53	The effect of tissue type-plasminogen activator deletion and associated fibrin(ogen) deposition on macrophage localization in peritoneal inflammation. Thrombosis and Haemostasis, 2006, 95, 659-667.	1.8	12
54	IL-23 in arthritic and inflammatory pain development in mice. Arthritis Research and Therapy, 2020, 22, 123.	1.6	10

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55	Differential expression of CD148 on leukocyte subsets in inflammatory arthritis. Arthritis Research and Therapy, 2013, 15, R108.	1.6	8
56	The effect of tissue type-plasminogen activator deletion and associated fibrin(ogen) deposition on macrophage localization in peritoneal inflammation. Thrombosis and Haemostasis, 2006, 95, 659-67.	1.8	8
57	GM-CSF is not essential for optimal fertility or for weight control. Cytokine, 2012, 57, 30-31.	1.4	6
58	Molecular targets in immune-mediated diseases: focus on rheumatoid arthritis. Expert Opinion on Therapeutic Targets, 2004, 8, 375-390.	1.5	3
59	Cytokine-Induced Acute Inflammatory Monoarticular Arthritis. Methods in Molecular Biology, 2018, 1784, 215-223.	0.4	1
60	Drug targets in immunological diseases: Focus on rheumatoid arthritis. Discovery Medicine, 2004, 4, 433-8.	0.5	0