Florian C Kurschus

List of Publications by Year
in descending order

49 papers	3,036 citations	201674 27 h-index	197818 49 g-index
50 all docs	50 docs citations	50 times ranked	5542 citing authors

#	Article	IF	Citations
1	Receptor for advanced glycation end products (RAGE) regulates sepsis but not the adaptive immune response. Journal of Clinical Investigation, 2004, 113, 1641-1650.	8.2	422
2	Spontaneous relapsing-remitting EAE in the SJL/J mouse: MOG-reactive transgenic T cells recruit endogenous MOG-specific B cells. Journal of Experimental Medicine, 2009, 206, 1303-1316.	8.5	241
3	Dendritic Cells Ameliorate Autoimmunity in the CNS by Controlling the Homeostasis of PD-1 Receptor+ Regulatory T Cells. Immunity, 2012, 37, 264-275.	14.3	184
4	Myelin-specific T cells also recognize neuronal autoantigen in a transgenic mouse model of multiple sclerosis. Nature Medicine, 2009, 15, 626-632.	30.7	147
5	Mouse models for multiple sclerosis: Historical facts and future implications. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 177-183.	3.8	146
6	An Alternative Pathway of Imiquimod-Induced Psoriasis-Like Skin Inflammation in the Absence of Interleukin-17 Receptor A Signaling. Journal of Investigative Dermatology, 2013, 133, 441-451.	0.7	143
7	Genetic proof for the transient nature of the Th17 phenotype. European Journal of Immunology, 2010, 40, 3336-3346.	2.9	134
8	Imiquimod-Induced Psoriasis in Mice Depends on the IL-17 Signaling of Keratinocytes. Journal of Investigative Dermatology, 2019, 139, 1110-1117.	0.7	118
9	Inflammatory demyelination induces glia alterations and ganglion cell loss in the retina of an experimental autoimmune encephalomyelitis model. Journal of Neuroinflammation, 2013, 10, 120.	7.2	115
10	IL-6 Regulates Neutrophil Microabscess Formation in IL-17A-Driven Psoriasiform Lesions. Journal of Investigative Dermatology, 2014, 134, 728-735.	0.7	95
11	Natural killer cellâ€“derived human granzyme H induces an alternative, caspase-independent cell-death program. Blood, 2007, 110, 544-552.	1.4	80
12	Lugdunin amplifies innate immune responses in the skin in synergy with host- and microbiota-derived factors. Nature Communications, 2019, 10, 2730.	12.8	74
13	Killing of target cells by redirected granzyme B in the absence of perforin. FEBS Letters, 2004, 562, 87-92.	2.8	69
14	Dietary tryptophan links encephalogenicity of autoreactive T cells with gut microbial ecology. Nature Communications, 2019, 10, 4877.	12.8	69
15	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. Nature Communications, 2019, 10, 5722.	12.8	68
16	Delivery and therapeutic potential of human granzyme B. Immunological Reviews, 2010, 235, 159-171.	6.0	64
17	EBI2 Is Highly Expressed in Multiple Sclerosis Lesions and Promotes Early CNS Migration of Encephalitogenic CD4ÂT Cells. Cell Reports, 2017, 18, 1270-1284.	6.4	63
18	T cell mediated pathogenesis in EAE: Molecular mechanisms. Biomedical Journal, 2015, 38, 183.	3.1	60

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19	Crystal structure of the apoptosis-inducing human granzyme A dimer. Nature Structural and Molecular Biology, 2003, 10, 535-540.	8.2	52
20	<scp>IL</scp> â€1 signaling is critical for expansion but not generation of autoreactive <scp>GM</scp> â€• <scp>CSF</scp> ⁺ Th17 cells. EMBO Journal, 2017, 36, 102-115.	7.8	50
21	Membrane receptors are not required to deliver granzyme B during killer cell attack. Blood, 2005, 105, 2049-2058.	1.4	49
22	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the bloodâ€"brain barrier. Acta Neuropathologica, 2020, 140, 549-567.	7.7	47
23	Reviewâ€"Current Concepts in Inflammatory Skin Diseases Evolved by Transcriptome Analysis: In-Depth Analysis of Atopic Dermatitis and Psoriasis. International Journal of Molecular Sciences, 2020, 21, 699.	4.1	45
24	Granzyme B delivery via perforin is restricted by size, but not by heparan sulfate-dependent endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13799-13804.	7.1	44
25	IL-17 for therapy. Journal of Dermatological Science, 2017, 87, 221-227.	1.9	43
26	Cutting Edge: An IL-17F-CreEYFP Reporter Mouse Allows Fate Mapping of Th17 Cells. Journal of Immunology, 2009, 182, 1237-1241.	0.8	42
27	TGF-Î² inhibitor Smad7 regulates dendritic cell-induced autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1480-E1489.	7.1	37
28	Improved method to retain cytosolic reporter protein fluorescence while staining for nuclear proteins. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 621-627.	1.5	33
29	EBI2 in splenic and local immune responses and in autoimmunity. Journal of Leukocyte Biology, 2018, 104, 313-322.	3.3	26
30	TLR-4 ligation of dendritic cells is sufficient to drive pathogenic T cell function in experimental autoimmune encephalomyelitis. Journal of Neuroinflammation, 2012, 9, 248.	7.2	25
31	Alternative Splice Forms of CYLD Mediate Ubiquitination of SMAD7 to Prevent TGFB Signaling and Promote Colitis. Gastroenterology, 2019, 156, 692-707.e7.	1.3	24
32	Keratinocyte-derived IÎºBÎ¶ drives psoriasis and associated systemic inflammation. JCI Insight, 2019, 4, .	5.0	24
33	Regulation of IL-22BP in psoriasis. Scientific Reports, 2018, 8, 5085.	3.3	23
34	Expression of IL-17F is associated with non-pathogenic Th17 cells. Journal of Molecular Medicine, 2018, 96, 819-829.	3.9	21
35	Skin Sodium Accumulates in Psoriasis and Reflects Disease Severity. Journal of Investigative Dermatology, 2022, 142, 166-178.e8.	0.7	20
36	Single-cell profiling reveals GPCR heterogeneity and functional patterning during neuroinflammation. JCI Insight, 2017, 2, .	5.0	19

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37	Dimethyl fumarate alters intracellular Ca2+ handling in immune cells by redox-mediated pleiotropic effects. Free Radical Biology and Medicine, 2019, 141, 338-347.	2.9	18
38	Subclinical CNS Inflammation as Response to a Myelin Antigen in Humanized Mice. Journal of NeuroImmune Pharmacology, 2013, 8, 1037-1047.	4.1	17
39	Animal models of multiple sclerosis. Drug Discovery Today: Disease Models, 2006, 3, 359-367.	1.2	16
40	EBI2 â€" Sensor for dihydroxycholesterol gradients in neuroinflammation. Biochimie, 2018, 153, 52-55.	2.6	14
41	Gold fluorescent annexin A5 as a novel apoptosis detection tool. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 626-633.	1.5	12
42	NF-ÎºB inducing kinase (NIK) is an essential post-transcriptional regulator of T-cell activation affecting F-actin dynamics and TCR signaling. Journal of Autoimmunity, 2018, 94, 110-121.	6.5	12
43	Modeling a Complex Disease. Advances in Immunology, 2011, 110, 111-137.	2.2	9
44	Posttranslational modifications by ADAM10 shape myeloid antigen-presenting cell homeostasis in the splenic marginal zone. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
45	Experimental autoimmune encephalomyelitis in mice expressing the autoantigen MBP1â€"10 covalently bound to the MHC class II molecule I-Au. International Immunology, 2006, 18, 151-162.	4.0	5
46	The actin remodeling protein cofilin is crucial for thymic Î±Î² but not Î³Î´ T-cell development. PLoS Biology, 2018, 16, e2005380.	5.6	5
47	NG2 plays a role in neuroinflammation but is not expressed by immune cells. Acta Neuropathologica, 2017, 134, 325-327.	7.7	3
48	Expression of the G-protein coupled receptor EBI2 in T cells is highly regulated and confers pathogenicity to myelin specific Th17 cells. Journal of Neuroimmunology, 2014, 275, 211.	2.3	1
49	Of men and mice: analysing the action of an established drug using tumour necrosis factor-Î±-deficient mice in the imiquimod psoriasis model. British Journal of Dermatology, 2016, 174, 955-956.	1.5	1