

Markus H Hoffmann

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,941
citations

147801

31
h-index

189892

50
g-index

66
all docs

66
docs citations

66
times ranked

6713
citing authors

#	ARTICLE	IF	CITATIONS
1	Dickkopf-1 is a master regulator of joint remodeling. <i>Nature Medicine</i> , 2007, 13, 156-163.	30.7	1,161
2	Aggregated neutrophil extracellular traps limit inflammation by degrading cytokines and chemokines. <i>Nature Medicine</i> , 2014, 20, 511-517.	30.7	734
3	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
4	Externalized decondensed neutrophil chromatin occludes pancreatic ducts and drives pancreatitis. <i>Nature Communications</i> , 2016, 7, 10973.	12.8	207
5	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021, 28, 3125-3139.	11.2	189
6	Neutrophil Extracellular Traps Drive Endothelial-to-Mesenchymal Transition. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1371-1379.	2.4	176
7	IgA subclasses have different effector functions associated with distinct glycosylation profiles. <i>Nature Communications</i> , 2020, 11, 120.	12.8	141
8	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
9	The dual role of Reactive Oxygen Species in autoimmune and inflammatory diseases: evidence from preclinical models. <i>Free Radical Biology and Medicine</i> , 2018, 125, 62-71.	2.9	127
10	Experimental lupus is aggravated in mouse strains with impaired induction of neutrophil extracellular traps. <i>JCI Insight</i> , 2017, 2, .	5.0	115
11	Neutrophil Extracellular Traps Initiate Gallstone Formation. <i>Immunity</i> , 2019, 51, 443-450.e4.	14.3	115
12	Reactive Oxygen Species Deficiency Induces Autoimmunity with Type 1 Interferon Signature. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2231-2245.	5.4	107
13	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
14	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
15	Therapeutic ACPA inhibits NET formation: a potential therapy for neutrophil-mediated inflammatory diseases. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1528-1544.	10.5	90
16	Stromal-driven and Amyloid β^2 -dependent induction of neutrophil extracellular traps modulates tumor growth. <i>Nature Communications</i> , 2021, 12, 683.	12.8	77
17	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
18	Vitamin D α -dependent induction of cathelicidin in human macrophages results in cytotoxicity against high-grade B cell lymphoma. <i>Science Translational Medicine</i> , 2015, 7, 282ra47.	12.4	72

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19	Nucleic acid-associated autoantigens: Pathogenic involvement and therapeutic potential. <i>Journal of Autoimmunity</i> , 2010, 34, J178-J206.	6.5	63
20	How neutrophil extracellular traps orchestrate the local immune response in gout. <i>Journal of Molecular Medicine</i> , 2015, 93, 727-734.	3.9	61
21	Animal Models of Rheumatoid Arthritis (I): Pristane-Induced Arthritis in the Rat. <i>PLoS ONE</i> , 2016, 11, e0155936.	2.5	56
22	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
23	The Rheumatoid Arthritis-Associated Autoantigen hnRNP-A2 (RA33) Is a Major Stimulator of Autoimmunity in Rats with Pristane-Induced Arthritis. <i>Journal of Immunology</i> , 2007, 179, 7568-7576.	0.8	54
24	Why does the gout attack stop? A roadmap for the immune pathogenesis of gout. <i>RMD Open</i> , 2015, 1, e000046.	3.8	53
25	Myeloperoxidase Modulates Inflammation in Generalized Pustular Psoriasis and Additional Rare Pustular Skin Diseases. <i>American Journal of Human Genetics</i> , 2020, 107, 527-538.	6.2	53
26	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
27	No Evidence of Pathogenic Involvement of Cathelicidins in Patient Cohorts and Mouse Models of Lupus and Arthritis. <i>PLoS ONE</i> , 2014, 9, e115474.	2.5	45
28	The double-edged role of neutrophil extracellular traps in inflammation. <i>Biochemical Society Transactions</i> , 2019, 47, 1921-1930.	3.4	39
29	Nucleic acid-stimulated antigen-presenting cells trigger T cells to induce disease in a rat transfer model of inflammatory arthritis. <i>Journal of Autoimmunity</i> , 2011, 36, 288-300.	6.5	38
30	Lenalidomide enhances MOR202-dependent macrophage-mediated effector functions via the vitamin D pathway. <i>Leukemia</i> , 2018, 32, 2445-2458.	7.2	36
31	Cell death and cytokine production induced by autoimmunogenic hydrocarbon oils. <i>Autoimmunity</i> , 2012, 45, 602-611.	2.6	32
32	Missing in action—The meaning of cell death in tissue damage and inflammation. <i>Immunological Reviews</i> , 2017, 280, 26-40.	6.0	31
33	Blood-borne phagocytes internalize urate microaggregates and prevent intravascular NETosis by urate crystals. <i>Scientific Reports</i> , 2016, 6, 38229.	3.3	28
34	Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils. <i>Frontiers in Immunology</i> , 2018, 9, 1827.	4.8	27
35	Gait changes precede overt arthritis and strongly correlate with symptoms and histopathological events in pristane-induced arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R41.	3.5	26
36	Neutrophils prevent rectal bleeding in ulcerative colitis by peptidyl-arginine deiminase-4-dependent immunothrombosis. <i>Gut</i> , 2022, 71, 2414-2429.	12.1	26

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37	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
38	Immunodominant T _H 1 cell epitopes of hnRNP A2 associated with disease activity in patients with rheumatoid arthritis. <i>European Journal of Immunology</i> , 2010, 40, 1795-1808.	2.9	21
39	Inhibition of Inflammation and Bone Erosion by RNA Interference-Mediated Silencing of Heterogeneous Nuclear RNP A2/B1 in Two Experimental Models of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 2536-2546.	5.6	21
40	A Novel Mechanism for Generating the Interferon Signature in Lupus: Opsonization of Dead Cells by Complement and IgM. <i>Arthritis and Rheumatology</i> , 2016, 68, 2917-2928.	5.6	18
41	NOX2 mediates quiescent handling of dead cell remnants in phagocytes. <i>Redox Biology</i> , 2019, 26, 101279.	9.0	15
42	Capability of Neutrophils to Form NETs Is Not Directly Influenced by a CMA-Targeting Peptide. <i>Frontiers in Immunology</i> , 2017, 8, 16.	4.8	12
43	Dietary Derived Propionate Regulates Pathogenic Fibroblast Function and Ameliorates Experimental Arthritis and Inflammatory Tissue Priming. <i>Nutrients</i> , 2021, 13, 1643.	4.1	12
44	Immunopathogenesis of Rheumatoid Arthritis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1173, 391-400.	3.8	8
45	A model of chronic enthesitis and new bone formation characterized by multimodal imaging. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	8
46	A Common Pathway for All Autoimmune Diseases? The Unholy Alliance of Environment, Cell Death and Nucleic Acids. <i>Current Immunology Reviews</i> , 2009, 5, 69-88.	1.2	7
47	Stromal cell regulation of inflammatory responses. <i>Current Opinion in Immunology</i> , 2022, 74, 92-99.	5.5	5
48	Autoantibodies in rheumatoid arthritis. , 2015, , 750-757.		4
49	Altered cardiac gene expression of noradrenaline enzymes, transporter and β^2 -adrenoceptors in rat model of rheumatoid arthritis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 208, 165-169.	2.8	2
50	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
51	Title is missing!. <i>Arthritis Research</i> , 2005, 7, P156.	2.0	0
52	The anti-microbial peptide rCRAMP is strongly upregulated during experimental arthritis in the rat. <i>Journal of Translational Medicine</i> , 2011, 9, .	4.4	0
53	A4.8...The oxidative burst mediates resolution of inflammation and bone homeostasis in gout. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, A39.2-A39.	0.9	0
54	SP0104...THE JANUS-FACED GLADIATOR: NEUTROPHILS IN STERILE INFLAMMATION AND AUTOIMMUNITY. , 2019, , .		0