

# Michael Bacher

## List of Publications by Year in descending order

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56  
papers

4,972  
citations

109264

35  
h-index

161767

54  
g-index

62  
all docs

62  
docs citations

62  
times ranked

5038  
citing authors

#	ARTICLE	IF	CITATIONS
1	MIF as a glucocorticoid-induced modulator of cytokine production. <i>Nature</i> , 1995, 377, 68-71.	13.7	1,113
2	An Essential Role for Macrophage Migration Inhibitory Factor (MIF) in Angiogenesis and the Growth of a Murine Lymphoma. <i>Molecular Medicine</i> , 1999, 5, 181-191.	1.9	272
3	ISO-1 Binding to the Tautomerase Active Site of MIF Inhibits Its Pro-inflammatory Activity and Increases Survival in Severe Sepsis. <i>Journal of Biological Chemistry</i> , 2005, 280, 36541-36544.	1.6	264
4	The Pathogenic Role of Macrophage Migration Inhibitory Factor in Immunologically Induced Kidney Disease in the Rat. <i>Journal of Experimental Medicine</i> , 1997, 185, 1455-1466.	4.2	262
5	Blood-brain barrier breakdown, neuroinflammation, and cognitive decline in older adults. <i>Alzheimer's and Dementia</i> , 2018, 14, 1640-1650.	0.4	189
6	Programmed Cell Death (Apoptosis) in Human Monocytes Infected by Influenza A Virus. <i>Immunobiology</i> , 1994, 190, 175-182.	0.8	163
7	MIF Expression in the Rat Brain: Implications for Neuronal Function. <i>Molecular Medicine</i> , 1998, 4, 217-230.	1.9	155
8	Macrophage migration inhibitory factor: Roles in regulating tumor cell migration and expression of angiogenic factors in hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2003, 107, 22-29.	2.3	129
9	Critical Role of Macrophage Migration Inhibitory Factor Activity in Experimental Autoimmune Diabetes. <i>Endocrinology</i> , 2005, 146, 2942-2951.	1.4	115
10	Role of MIF in Inflammation and Tumorigenesis. <i>Oncology</i> , 2008, 75, 127-133.	0.9	114
11	Naturally Occurring Autoantibodies against $\beta$ -Amyloid: Investigating Their Role in Transgenic Animal and <i>In Vitro</i> Models of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 5847-5854.	1.7	111
12	Naturally occurring $\alpha$ -synuclein autoantibody levels are lower in patients with Parkinson disease. <i>Neurology</i> , 2013, 80, 169-175.	1.5	108
13	Intravenous Immunoglobulins as a Treatment for Alzheimer's Disease. <i>Drugs</i> , 2010, 70, 513-528.	4.9	101
14	Up-Regulation of Macrophage Migration Inhibitory Factor Gene and Protein Expression in Glial Tumor Cells during Hypoxic and Hypoglycemic Stress Indicates a Critical Role for Angiogenesis in Glioblastoma Multiforme. <i>American Journal of Pathology</i> , 2003, 162, 11-17.	1.9	95
15	Markers of neuroinflammation associated with Alzheimer's disease pathology in older adults. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 203-211.	2.0	91
16	Release of Macrophage Migration Inhibitory Factor and CXCL8/Interleukin-8 from Lung Epithelial Cells Rendered Necrotic by Influenza A Virus Infection. <i>Journal of Virology</i> , 2002, 76, 9298-9306.	1.5	89
17	Macrophage migration inhibitory factor induces MMP-9 expression: implications for destabilization of human atherosclerotic plaques. <i>Atherosclerosis</i> , 2005, 178, 207-215.	0.4	85
18	MACROPHAGE MIGRATION INHIBITORY FACTOR EXPRESSION IN HUMAN RENAL ALLOGRAFT REJECTION <sup>1,2</sup> . <i>Transplantation</i> , 1998, 66, 1465-1471.	0.5	85

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19	Upregulation of macrophage migration inhibitory factor contributes to induced N-Myc expression by the activation of ERK signaling pathway and increased expression of interleukin-8 and VEGF in neuroblastoma. <i>Oncogene</i> , 2004, 23, 4146-4154.	2.6	84
20	TNF- $\alpha$ Up-regulates Renal MIF Expression in Rat Crescentic Glomerulonephritis. <i>Molecular Medicine</i> , 1997, 3, 136-144.	1.9	83
21	Macrophage migration inhibitory factor in mild cognitive impairment and Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2009, 43, 749-753.	1.5	81
22	The Role of Macrophage Migration Inhibitory Factor in Alzheimer's Disease. <i>Molecular Medicine</i> , 2010, 16, 116-121.	1.9	80
23	Reversal of Established Rat Crescentic Glomerulonephritis by Blockade of Macrophage Migration Inhibitory Factor (MIF): Potential Role of MIF in Regulating Glucocorticoid Production. <i>Molecular Medicine</i> , 1998, 4, 413-424.	1.9	78
24	The role of macrophage inhibitory factor in tumorigenesis and central nervous system tumors. <i>Cancer</i> , 2009, 115, 2031-2040.	2.0	72
25	Macrophage Migration Inhibitory Factor Stimulates Angiogenic Factor Expression and Correlates With Differentiation and Lymph Node Status in Patients With Esophageal Squamous Cell Carcinoma. <i>Annals of Surgery</i> , 2005, 242, 55-63.	2.1	65
26	Human Cytomegalovirus Paralyzes Macrophage Motility through Down-Regulation of Chemokine Receptors, Reorganization of the Cytoskeleton, and Release of Macrophage Migration Inhibitory Factor. <i>Journal of Immunology</i> , 2009, 182, 477-488.	0.4	63
27	Expression of Mitochondrial Heat Shock Protein 60 in Distinct Cell Types and Defined Stages of Rat Seminiferous Epithelium. <i>Biology of Reproduction</i> , 1995, 52, 798-807.	1.2	62
28	Purification and Characterization of Macrophage Migration Inhibitory Factor as a Secretory Protein from Rat Epididymis: Evidences for Alternative Release and Transfer to Spermatozoa. <i>Molecular Medicine</i> , 2001, 7, 27-35.	1.9	61
29	Immunotherapy and naturally occurring autoantibodies in neurodegenerative disorders. <i>Autoimmunity Reviews</i> , 2008, 7, 501-507.	2.5	56
30	Macrophage Migration Inhibitory Factor Induces MMP-9 Expression in Macrophages via The MEK-ERK MAP Kinase Pathway. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 103-110.	0.5	52
31	Evidence for vascular macrophage migration inhibitory factor in destabilization of human atherosclerotic plaques. <i>Cardiovascular Research</i> , 2005, 65, 272-282.	1.8	47
32	Key role of MIF-related neuroinflammation in neurodegeneration and cognitive impairment in Alzheimer's disease. <i>Molecular Medicine</i> , 2020, 26, 34.	1.9	46
33	Immunotherapy in prion disease. <i>Nature Reviews Neurology</i> , 2013, 9, 98-105.	4.9	41
34	Macrophage Migration Inhibitory Factor is Associated with Biomarkers of Alzheimer's Disease Pathology and Predicts Cognitive Decline in Mild Cognitive Impairment and Mild Dementia. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 273-281.	1.2	37
35	Macrophage migration inhibitory factor and development of type-1 diabetes in non-obese diabetic mice. <i>Cytokine</i> , 2003, 21, 179-186.	1.4	36
36	Role of macrophage migration inhibitory factor in primary glioblastoma multiforme cells. <i>Journal of Neuroscience Research</i> , 2011, 89, 711-717.	1.3	36

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37	Borna disease virus-induced accumulation of macrophage migration inhibitory factor in rat brain astrocytes is associated with inhibition of macrophage infiltration. <i>Glia</i> , 2002, 37, 291-306.	2.5	34
38	Macrophage Migration Inhibitory Factor-Induced Ca <sup>2+</sup> Response in Rat Testicular Peritubular Cells <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 1632-1639.	1.2	30
39	Peripheral and central biodistribution of <sup>111</sup> In-labeled anti-beta-amyloid autoantibodies in a transgenic mouse model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2009, 449, 240-245.	1.0	30
40	Expression of Transcription Factor Genes after Influenza A Virus Infection. <i>Immunobiology</i> , 1997, 198, 291-298.	0.8	28
41	Comparison of Intravenous Immunoglobulins for Naturally Occurring Autoantibodies against Amyloid- $\beta$ . <i>Journal of Alzheimer's Disease</i> , 2010, 20, 135-143.	1.2	25
42	The Role of CNI-1493 in the Function of Primary Microglia with Respect to Amyloid- $\beta$ . <i>Journal of Alzheimer's Disease</i> , 2011, 26, 69-80.	1.2	25
43	Macrophage Migration Inhibitory Factor in Normal Human Skeletal Muscle and Inflammatory Myopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 654-662.	0.9	23
44	Human Cytomegalovirus-Mediated Induction of MIF in Fibroblasts. <i>Virology</i> , 2002, 299, 32-37.	1.1	22
45	Expression and glucocorticoid regulation of macrophage migration inhibitory factor (MIF) in hippocampal and neocortical rat brain cells in culture. <i>Brain Research</i> , 2000, 869, 25-30.	1.1	21
46	CNI-1493 inhibits A $\beta$ production, plaque formation, and cognitive deterioration in an animal model of Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 1593-1599.	4.2	21
47	Restoration of contact inhibition in human glioblastoma cell lines after MIF knockdown. <i>BMC Cancer</i> , 2009, 9, 464.	1.1	21
48	APP transgenic mice: The effect of active and passive immunotherapy in cognitive tasks. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 487-499.	2.9	20
49	CNI-1493 Attenuates Neuroinflammation and Dopaminergic Neurodegeneration in the Acute MPTP Mouse Model of Parkinson's Disease. <i>Neurodegenerative Diseases</i> , 2013, 12, 103-110.	0.8	11
50	Borna disease virus-induced accumulation of macrophage migration inhibitory factor in rat brain astrocytes is associated with inhibition of macrophage infiltration. <i>Glia</i> , 2002, 37, 291-306.	2.5	11
51	Delayed-type hypersensitivity mediates Bowman's capsule rupture in Tamm-Horsfall protein-induced tubulointerstitial nephritis in the rat. <i>Nephrology</i> , 1996, 2, 417-427.	0.7	8
52	Effect of naturally occurring $\beta$ -synuclein-antibodies on toxic $\beta$ -synuclein-fragments. <i>Neuroscience Letters</i> , 2019, 704, 181-188.	1.0	8
53	Immunization as Treatment for Parkinson's Disease. , 2009, , 311-315.		6
54	Cytomegalovirus Upregulates Vascular Endothelial Growth Factor and Its Second Cellular Kinase Domain Receptor in Human Fibroblasts. <i>Viral Immunology</i> , 2012, 25, 360-367.	0.6	4

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55	The Multi-target Effects of CNI-1493: Convergence of Anti-amyloidogenic and Anti-inflammatory Properties in Animal Models of Alzheimer's Disease. <i>Molecular Medicine</i> , 2016, 22, 776-788.	1.9	3
56	CNI-1493 inhibits A $\beta$ production, plaque formation, and cognitive deterioration in an animal model of Alzheimer's disease. <i>Journal of Cell Biology</i> , 2008, 182, i1-i1.	2.3	0