JÃ¼rgen Bernhagen

List of Publications by Year
in descending order

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161 papers	12,180 citations	29994 54 h-index	27345 106 g-index
167 all docs	167 docs citations	167 times ranked	10578 citing authors

#	Article	IF	Citations
1	MIF as a glucocorticoid-induced modulator of cytokine production. Nature, 1995, 377, 68-71.	13.7	1,113
2	MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. Nature Medicine, 2007, 13, 587-596.	15.2	1,065
3	Intracellular action of the cytokine MIF to modulate AP-1 activity and the cell cycle through Jab1. Nature, 2000, 408, 211-216.	13.7	539
4	Purification, Bioactivity, and Secondary Structure Analysis of Mouse and Human Macrophage Migration Inhibitory Factor (MIF). Biochemistry, 1994, 33, 14144-14155.	1.2	405
5	Conformational transitions of islet amyloid polypeptide (IAPP) in amyloid formation in Vitro. Journal of Molecular Biology, 1999, 287, 781-796.	2.0	340
6	MIF: a new cytokine link between rheumatoid arthritis and atherosclerosis. Nature Reviews Drug Discovery, 2006, 5, 399-411.	21.5	317
7	Macrophage migration inhibitory factor (MIF): mechanisms of action and role in disease. Microbes and Infection, 2002, 4, 449-460.	1.0	314
8	Disulfide analysis reveals a role for macrophage migration inhibitory factor (MIF) as thiol-protein oxidoreductase. Journal of Molecular Biology, 1998, 280, 85-102.	2.0	283
9	Expression of Macrophage Migration Inhibitory Factor in Different Stages of Human Atherosclerosis. Circulation, 2002, 105, 1561-1566.	1.6	244
10	Macrophage Migration Inhibitory Factor in Cardiovascular Disease. Circulation, 2008, 117, 1594-1602.	1.6	238
11	Crosstalk between Sentinel and Helper Macrophages Permits Neutrophil Migration into Infected Uroepithelium. Cell, 2014, 156, 456-468.	13.5	203
12	Regulated secretion of macrophage migration inhibitory factor is mediated by a non-classical pathway involving an ABC transporter. FEBS Letters, 2003, 551, 78-86.	1.3	193
13	The D -dopachrome tautomerase (DDT) gene product is a cytokine and functional homolog of macrophage migration inhibitory factor (MIF). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E577-85.	3.3	185
14	A functional heteromeric MIF receptor formed by CD74 and CXCR4. FEBS Letters, 2009, 583, 2749-2757.	1.3	182
15	Rapid and transient activation of the ERK MAPK signalling pathway by macrophage migration inhibitory factor (MIF) and dependence on JAB1/CSN5 and Src kinase activity. Cellular Signalling, 2006, 18, 688-703.	1.7	177
16	Stabilization of Atherosclerotic Plaques by Blockade of Macrophage Migration Inhibitory Factor After Vascular Injury in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2004, 109, 380-385.	1.6	162
17	Impaired Macrophage Migration Inhibitory Factorâ€“AMP-Activated Protein Kinase Activation and Ischemic Recovery in the Senescent Heart. Circulation, 2010, 122, 282-292.	1.6	156
18	Diversity and Inter-Connections in the CXCR4 Chemokine Receptor/Ligand Family: Molecular Perspectives. Frontiers in Immunology, 2015, 6, 429.	2.2	154

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19	Regulation of the immune response by macrophage migration inhibitory factor: biological and structural features. Journal of Molecular Medicine, 1998, 76, 151-161.	1.7	153
20	Structural determinants of MIF functions in CXCR2-mediated inflammatory and atherogenic leukocyte recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16278-16283.	3.3	150
21	Genetically Determined Levels of Circulating Cytokines and Risk of Stroke. Circulation, 2019, 139, 256-268.	1.6	147
22	Macrophage migration inhibitory factor (MIF) exerts antifibrotic effects in experimental liver fibrosis via CD74. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17444-17449.	3.3	133
23	The Cytokine Macrophage Migration Inhibitory Factor Reduces Pro-Oxidative Stress-Induced Apoptosis. Journal of Immunology, 2003, 170, 3337-3347.	0.4	129
24	MIF interacts with CXCR7 to promote receptor internalization, ERK1/2 and ZAPâ€70 signaling, and lymphocyte chemotaxis. FASEB Journal, 2015, 29, 4497-4511.	0.2	129
25	Activation of the JNK signalling pathway by macrophage migration inhibitory factor (MIF) and dependence on CXCR4 and CD74. Cellular Signalling, 2011, 23, 135-144.	1.7	122
26	A Tautomerase-Null Macrophage Migration-Inhibitory Factor (MIF) Gene Knock-In Mouse Model Reveals That Protein Interactions and Not Enzymatic Activity Mediate MIF-Dependent Growth Regulation. Molecular and Cellular Biology, 2009, 29, 1922-1932.	1.1	121
27	Hypoxia-induced endothelial secretion of macrophage migration inhibitory factor and role in endothelial progenitor cell recruitment. Journal of Cellular and Molecular Medicine, 2011, 15, 668-678.	1.6	118
28	Double-Edged Role of the CXCL12/CXCR4 Axis in Experimental Myocardial Infarction. Journal of the American College of Cardiology, 2011, 58, 2415-2423.	1.2	114
29	Reduction of the aortic inflammatory response in spontaneous atherosclerosis by blockade of macrophage migration inhibitory factor (MIF). Atherosclerosis, 2006, 184, 28-38.	0.4	107
30	The Golgi-Associated Protein p115 Mediates the Secretion of Macrophage Migration Inhibitory Factor. Journal of Immunology, 2009, 182, 6896-6906.	0.4	106
31	MIF Promotes B Cell Chemotaxis through the Receptors CXCR4 and CD74 and ZAP-70 Signaling. Journal of Immunology, 2014, 192, 5273-5284.	0.4	103
32	Arrest Functions of the MIF Ligand/Receptor Axes in Atherogenesis. Frontiers in Immunology, 2013, 4, 115.	2.2	101
33	Macrophage Migration Inhibitory Factor Limits Activation-Induced Apoptosis of Platelets via CXCR7-Dependent Akt Signaling. Circulation Research, 2014, 115, 939-949.	2.0	101
34	Link Between Macrophage Migration Inhibitory Factor and Cellular Redox Regulation. Antioxidants and Redox Signaling, 2005, 7, 1234-1248.	2.5	96
35	ALeishmaniaOrtholog of Macrophage Migration Inhibitory Factor Modulates Host Macrophage Responses. Journal of Immunology, 2008, 180, 8250-8261.	0.4	92
36	The role of macrophage migration inhibitory factor in autoimmune liver disease. Hepatology, 2014, 59, 580-591.	3.6	86

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37	Neuroimmune cardiovascular interfaces control atherosclerosis. Nature, 2022, 605, 152-159.	13.7	86
38	The vascular biology of macrophage migration inhibitory factor (MIF). Thrombosis and Haemostasis, 2013, 109, 391-398.	1.8	85
39	Cardioprotection Through S -Nitros(yl)ation of Macrophage Migration Inhibitory Factor. Circulation, 2012, 125, 1880-1889.	1.6	84
40	The protective role of macrophage migration inhibitory factor in acute kidney injury after cardiac surgery. Science Translational Medicine, 2018, 10, .	5.8	84
41	A 16-Residue Peptide Fragment of Macrophage Migration Inhibitory Factor, MIF-(50â€“65), Exhibits Redox Activity and Has MIF-like Biological Functions. Journal of Biological Chemistry, 2003, 278, 33654-33671.	1.6	83
42	Identification and Characterization of Novel Classes of Macrophage Migration Inhibitory Factor (MIF) Inhibitors with Distinct Mechanisms of Action. Journal of Biological Chemistry, 2010, 285, 26581-26598.	1.6	80
43	Differential roles of angiogenic chemokines in endothelial progenitor cell-induced angiogenesis. Basic Research in Cardiology, 2013, 108, 310.	2.5	79
44	Chemokine-like functions of MIF in atherosclerosis. Journal of Molecular Medicine, 2008, 86, 761-770.	1.7	71
45	Direct Modification of the Proinflammatory Cytokine Macrophage Migration Inhibitory Factor by Dietary Isothiocyanates. Journal of Biological Chemistry, 2009, 284, 32425-32433.	1.6	70
46	High expression levels of macrophage migration inhibitory factor sustain the innate immune responses of neonates. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E997-1005.	3.3	67
47	Neutralization of the Plasmodium-encoded MIF ortholog confers protective immunity against malaria infection. Nature Communications, 2018, 9, 2714.	5.8	67
48	Macrophage Migration Inhibitory Factor: A Noncanonical Chemokine Important in Atherosclerosis. Trends in Cardiovascular Medicine, 2009, 19, 76-86.	2.3	65
49	Macrophage migration inhibitory factor in myocardial ischaemia/reperfusion injury. Cardiovascular Research, 2014, 102, 321-328.	1.8	65
50	Macrophage Migration Inhibitory Factor-CXCR4 Receptor Interactions. Journal of Biological Chemistry, 2016, 291, 15881-15895.	1.6	65
51	Ribosomal Protein S19 Interacts with Macrophage Migration Inhibitory Factor and Attenuates Its Pro-inflammatory Function. Journal of Biological Chemistry, 2009, 284, 7977-7985.	1.6	64
52	The Multitasking Potential of Alarmins and Atypical Chemokines. Frontiers in Medicine, 2019, 6, 3.	1.2	64
53	Histone Deacetylase 9 Activates IKK to Regulate Atherosclerotic Plaque Vulnerability. Circulation Research, 2020, 127, 811-823.	2.0	64
54	Macrophage Migration Inhibitory Factor Limits Renal Inflammation and Fibrosis by Counteracting Tubular Cell Cycle Arrest. Journal of the American Society of Nephrology: JASN, 2017, 28, 3590-3604.	3.0	60

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55	Targeting the CCL2â€“CCR2 axis for atheroprotection. European Heart Journal, 2022, 43, 1799-1808.	1.0	60
56	Specific reduction of insulin disulfides by macrophage migration inhibitory factor (MIF) with glutathione and dihydrolipoamide: potential role in cellular redox processes. FEBS Letters, 1998, 430, 191-196.	1.3	59
57	Macrophage Migration Inhibitory Factor Mediates Proliferative GN via CD74. Journal of the American Society of Nephrology: JASN, 2016, 27, 1650-1664.	3.0	59
58	Interaction of MIF Family Proteins in Myocardial Ischemia/Reperfusion Damage and Their Influence on Clinical Outcome of Cardiac Surgery Patients. Antioxidants and Redox Signaling, 2015, 23, 865-879.	2.5	58
59	Gremlin-1 Is an Inhibitor of Macrophage Migration Inhibitory Factor and Attenuates Atherosclerotic Plaque Growth in ApoEâ¯/â¯ Mice. Journal of Biological Chemistry, 2013, 288, 31635-31645.	1.6	57
60	Deficiency of Endothelial Cxcr4 Reduces Reendothelialization and Enhances Neointimal Hyperplasia After Vascular Injury in Atherosclerosis-Prone Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1209-1220.	1.1	57
61	Platelets are a previously unrecognised source of MIF. Thrombosis and Haemostasis, 2013, 110, 1004-1013.	1.8	55
62	Macrophage Migration Inhibitory Factor (MIF)-Based Therapeutic Concepts in Atherosclerosis and Inflammation. Thrombosis and Haemostasis, 2019, 119, 553-566.	1.8	55
63	Characterization of catalytic centre mutants of macrophage migration inhibitory factor (MIF) and comparison to Cys81Ser MIF. FEBS Journal, 2001, 261, 753-766.	0.2	54
64	Compartmentalized Protective and Detrimental Effects of Endogenous Macrophage Migration-Inhibitory Factor Mediated by CXCR2 in a Mouse Model of Myocardial Ischemia/Reperfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2180-2186.	1.1	54
65	MIFallele-dependent regulation of the MIF coreceptor CD44 and role in rheumatoid arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7917-E7926.	3.3	54
66	Brain-released alarmins and stress response synergize in accelerating atherosclerosis progression after stroke. Science Translational Medicine, 2018, 10, .	5.8	54
67	Cross-linking and mutational analysis of the oligomerization state of the cytokine macrophage migration inhibitory factor (MIF). FEBS Letters, 1998, 427, 85-90.	1.3	53
68	Protective role of macrophage migration inhibitory factor in nonalcoholic steatohepatitis. FASEB Journal, 2014, 28, 5136-5147.	0.2	51
69	The macrophage migration inhibitory factor protein superfamily in obesity and wound repair. Experimental and Molecular Medicine, 2015, 47, e161-e161.	3.2	51
70	Role for CD74 and CXCR4 in clathrin-dependent endocytosis of the cytokine MIF. European Journal of Cell Biology, 2012, 91, 435-449.	1.6	48
71	Dissection of the enzymatic and immunologic functions of macrophage migration inhibitory factor. FEBS Journal, 2000, 267, 7183-7193.	0.2	46
72	MIFâ€chemokine receptor interactions in atherogenesis are dependent on an Nâ€loopâ€based 2â€site binding mechanism. FASEB Journal, 2011, 25, 894-906.	0.2	46

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73	Soluble CD74 Reroutes MIF/CXCR4/AKTâ€Mediated Survival of Cardiac Myofibroblasts to Necroptosis. Journal of the American Heart Association, 2018, 7, e009384.	1.6	45
74	NMR characterization of structure, backbone dynamics, and glutathione binding of the human macrophage migration inhibitory factor (MIF). Protein Science, 1996, 5, 2095-2103.	3.1	44
75	Identification of an Arg-Leu-Arg tripeptide that contributes to the binding interface between the cytokine MIF and the chemokine receptor CXCR4. Scientific Reports, 2018, 8, 5171.	1.6	42
76	Conformational Restriction via Cyclization in Î²-Amyloid Peptide AÎ²(1-28) Leads to an Inhibitor of AÎ²(1-28) Amyloidogenesis and Cytotoxicity. Chemistry and Biology, 2003, 10, 149-159.	6.2	41
77	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on â€œNew frontiers in cardiovascular researchâ€. Basic Research in Cardiology, 2016, 111, 69.	2.5	41
78	Platelet-derived MIF: A novel platelet chemokine with distinct recruitment properties. Atherosclerosis, 2015, 239, 1-10.	0.4	40
79	Inhibition of atherogenesis by the COP9 signalosome subunit 5 in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2766-E2775.	3.3	40
80	Designed Macrocyclic Peptides as Nanomolar Amyloid Inhibitors Based on Minimal Recognition Elements. Angewandte Chemie - International Edition, 2018, 57, 14503-14508.	7.2	36
81	Calcineurin-mediated YB-1 Dephosphorylation Regulates CCL5 Expression during Monocyte Differentiation. Journal of Biological Chemistry, 2014, 289, 21401-21412.	1.6	33
82	Chondrogenic Differentiation of Human Adipose-Derived Stem Cells: A New Path in Articular Cartilage Defect Management?. BioMed Research International, 2014, 2014, 1-7.	0.9	32
83	Post-translational regulation of macrophage migration inhibitory factor: Basis for functional fine-tuning. Redox Biology, 2018, 15, 135-142.	3.9	32
84	The effect of mechanical stress on the proliferation, adipogenic differentiation and gene expression of human adipose-derived stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 276-284.	1.3	32
85	A Competitive Flow Cytometry Screening System for Directed Evolution of Therapeutic Enzyme. ACS Synthetic Biology, 2015, 4, 768-775.	1.9	31
86	Phylogeny and evolution of plant macrophage migration inhibitory factor/D-dopachrome tautomerase-like proteins. BMC Evolutionary Biology, 2015, 15, 64.	3.2	31
87	Role of CSN5/JAB1 in Wnt/Î²â€catenin activation in colorectal cancer cells. FEBS Letters, 2012, 586, 1645-1651.	1.3	30
88	Positioning of nucleosomes containing Î³-H2AX precedes active DNA demethylation and transcription initiation. Nature Communications, 2021, 12, 1072.	5.8	30
89	CSN5/JAB1 suppresses the WNT inhibitor DKK1 in colorectal cancer cells. Cellular Signalling, 2017, 34, 38-46.	1.7	29
90	Antibiotics protect against EAE by increasing regulatory and anti-inflammatory cells. Metabolic Brain Disease, 2018, 33, 1599-1607.	1.4	29

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91	Designed CXCR4 mimic acts as a soluble chemokine receptor that blocks atherogenic inflammation by agonist-specific targeting. Nature Communications, 2020, 11, 5981.	5.8	29
92	MIF but not MIF-2 recruits inflammatory macrophages in an experimental polymicrobial sepsis model. Journal of Clinical Investigation, 2021, 131, .	3.9	29
93	High Postoperative Blood Levels of Macrophage Migration Inhibitory Factor Are Associated with Less Organ Dysfunction in Patients after Cardiac Surgery. Molecular Medicine, 2012, 18, 843-850.	1.9	28
94	Assessment of macrophage migration inhibitory factor in humans: protocol for accurate and reproducible levels. Free Radical Biology and Medicine, 2013, 63, 236-242.	1.3	27
95	High Expression of C5L2 Correlates with High Proinflammatory Cytokine Expression in Advanced Human Atherosclerotic Plaques. American Journal of Pathology, 2014, 184, 2123-2133.	1.9	26
96	MIF and CD74 - Suitability as Clinical Biomarkers. Mini-Reviews in Medicinal Chemistry, 2015, 14, 1125-1131.	1.1	26
97	Endothelial CSN5 impairs NF-Î²B activation and monocyte adhesion to endothelial cells and is highly expressed in human atherosclerotic lesions. Thrombosis and Haemostasis, 2013, 110, 141-152.	1.8	25
98	Targeted intracellular accumulation of macrophage migration inhibitory factor in the reperfused heart mediates cardioprotection. Thrombosis and Haemostasis, 2016, 115, 200-212.	1.8	25
99	Macrophage Migration Inhibitory Factor - A Favorable Marker in Inflammatory Diseases?. Current Medicinal Chemistry, 2018, 25, 601-605.	1.2	25
100	Mif â€deficiency favors an atheroprotective autoantibody phenotype in atherosclerosis. FASEB Journal, 2018, 32, 4428-4443.	0.2	24
101	Differential regulation of macrophage activation by the MIF cytokine superfamily members MIF and MIFâ€2 in adipose tissue during endotoxemia. FASEB Journal, 2020, 34, 4219-4233.	0.2	24
102	LPS-mediated cell surface expression of CD74 promotes the proliferation of B cells in response to MIF. Cellular Signalling, 2018, 46, 32-42.	1.7	23
103	Role of the COP9 Signalosome (CSN) in Cardiovascular Diseases. Biomolecules, 2019, 9, 217.	1.8	22
104	The Î²-catenin E3 ubiquitin ligase SIAH-1 is regulated by CSN5/JAB1 in CRC cells. Cellular Signalling, 2014, 26, 2051-2059.	1.7	21
105	Macrophage migration inhibitory factorâ€"A potential diagnostic tool in severe burn injuries?. Burns, 2010, 36, 335-342.	1.1	20
106	Macrophage migration inhibitory factor promotes the migration of dendritic cells through CD74 and the activation of the Src/PI3K/myosin II pathway. FASEB Journal, 2021, 35, e21418.	0.2	20
107	Macrophage migration inhibitory factor exerts proâ€proliferative and antiâ€apoptotic effects via CD74 in murine hepatocellular carcinoma. British Journal of Pharmacology, 2021, 178, 4452-4467.	2.7	20
108	Macrophage migration inhibitory factor (MIF) is rendered enzymatically inactive by myeloperoxidase-derived oxidants but retains its immunomodulatory function. Free Radical Biology and Medicine, 2015, 89, 498-511.	1.3	19

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109	Cross-Kingdom Analysis of Diversity, Evolutionary History, and Site Selection within the Eukaryotic Macrophage Migration Inhibitory Factor Superfamily. Genes, 2019, 10, 740.	1.0	19
110	Macrophage Migration Inhibitory Factor (MIF) Plasma Concentration in Critically Ill COVID-19 Patients: A Prospective Observational Study. Diagnostics, 2021, 11, 332.	1.3	19
111	The clinical significance of the MIF homolog d-dopachrome tautomerase (MIF-2) and its circulating receptor (sCD74) in burn. Burns, 2016, 42, 1265-1276.	1.1	18
112	Dâ€dopachrome tautomerase in adipose tissue inflammation and wound repair. Journal of Cellular and Molecular Medicine, 2017, 21, 35-45.	1.6	18
113	Remote Ischemic Preconditioning Does Not Affect the Release of Humoral Factors in Propofol-Anesthetized Cardiac Surgery Patients: A Secondary Analysis of the RIPHeart Study. International Journal of Molecular Sciences, 2018, 19, 1094.	1.8	18
114	Exogenous Administration of Recombinant MIF at Physiological Concentrations Failed to Attenuate Infarct Size in a Langendorff Perfused Isolated Mouse Heart Model. Cardiovascular Drugs and Therapy, 2016, 30, 445-453.	1.3	16
115	Blocking Inflammasome Activation Caused by Î²-Amyloid Peptide (AÎ²) and Islet Amyloid Polypeptide (IAPP) through an IAPP Mimic. ACS Chemical Neuroscience, 2019, 10, 3703-3717.	1.7	16
116	Macrophage migration inhibitory factor is a potential inducer of endothelial progenitor cell mobilization after flap operation. Surgery, 2012, 151, 268-277.e1.	1.0	15
117	The Effect of Lipoaspirates on Human Keratinocytes. Aesthetic Surgery Journal, 2016, 36, 941-951.	0.9	15
118	Macrophage migration inhibitory factor inhibits neutrophil apoptosis by inducing cytokine release from mononuclear cells. Journal of Leukocyte Biology, 2021, 110, 893-905.	1.5	15
119	The Role of Macrophage Migration Inhibitory Factor in Anesthetic-Induced Myocardial Preconditioning. PLoS ONE, 2014, 9, e92827.	1.1	14
120	Bone Marrow-Specific Knock-In of a Non-Activatable IkkÎ± Kinase Mutant Influences Haematopoiesis but Not Atherosclerosis in Apoe-Deficient Mice. PLoS ONE, 2014, 9, e87452.	1.1	14
121	Cell surface syndecan-1 contributes to binding and function of macrophage migration inhibitory factor (MIF) on epithelial tumor cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 717-726.	1.9	13
122	Myocardial Ischemia Induces SDF-1Î± Release in Cardiac Surgery Patients. Journal of Cardiovascular Translational Research, 2016, 9, 230-238.	1.1	12
123	The Role of Macrophage Migration Inhibitory Factor in Remote Ischemic Conditioning Induced Hepatoprotection in a Rodent Model of Liver Transplantation. Shock, 2019, 52, e124-e134.	1.0	12
124	A MIFâ€Derived Cyclopeptide that Inhibits MIF Binding and Atherogenic Signaling via the Chemokine Receptor CXCR2. ChemBioChem, 2021, 22, 1012-1019.	1.3	12
125	Macrophage migration inhibitory factor covalently complexed with phenethyl isothiocyanate. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 999-1002.	0.7	11
126	Unexpected Pro-Fibrotic Effect of MIF in Non-Alcoholic Steatohepatitis Is Linked to a Shift in NKT Cell Populations. Cells, 2021, 10, 252.	1.8	11

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127	Macrophage migration inhibitory factor enhances Pseudomonas aeruginosa biofilm formation, potentially contributing to cystic fibrosis pathogenesis. FASEB Journal, 2017, 31, 5102-5110.	0.2	10
128	Chemokine-like MDL proteins modulate flowering time and innate immunity in plants. Journal of Biological Chemistry, 2021, 296, 100611.	1.6	10
129	The Macrophage Migration Inhibitory Factor (MIF) Promoter Polymorphisms (rs3063368, rs755622) Predict Acute Kidney Injury and Death after Cardiac Surgery. Journal of Clinical Medicine, 2020, 9, 2936.	1.0	9
130	Macrophage migration inhibitory factor (MIF) enhances hypochlorous acid production in phagocytic neutrophils. Redox Biology, 2021, 41, 101946.	3.9	9
131	Cross-kingdom mimicry of the receptor signaling and leukocyte recruitment activity of a human cytokine by its plant orthologs. Journal of Biological Chemistry, 2020, 295, 850-867.	1.6	9
132	Liver Fibrosisâ€"From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814496.	1.2	9
133	The effect of the macrophage migration inhibitory factor (MIF) on excisional wound healing inÂvivo. Journal of Plastic Surgery and Hand Surgery, 2020, 54, 137-144.	0.4	8
134	Pharmacological Targeting of the CCL2/CCR2 Axis for Atheroprotection: A Meta-Analysis of Preclinical Studies. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 101161ATVBAHA122317492.	1.1	8
135	Revisiting the secretion mechanism(s) of macrophage migration inhibitory factorâ€"welcome to the â€œUPS clubâ€• Immunology and Cell Biology, 2020, 98, 704-708.	1.0	7
136	Isolation of Endothelial Progenitor Cells from Healthy Volunteers and Their Migratory Potential Influenced by Serum Samples After Cardiac Surgery. Journal of Visualized Experiments, 2017, , .	0.2	6
137	Protective cardiac conditioning by an atypical cytokine. Clinical Science, 2019, 133, 933-937.	1.8	6
138	Differential Role for Activating FcÎ³RIII in Neointima Formation After Arterial Injury and Diet-Induced Chronic Atherosclerosis in Apolipoprotein E-Deficient Mice. Frontiers in Physiology, 2020, 11, 673.	1.3	6
139	The Role of Macrophage Migration Inhibitory Factor in Adipose-Derived Stem Cells Under Hypoxia. Frontiers in Physiology, 2021, 12, 638448.	1.3	6
140	A new cytokine target for chronic obstructive pulmonary disease?. EBioMedicine, 2021, 69, 103479.	2.7	6
141	Key role of MIF in the migration of endothelial progenitor cells in patients during cardiac surgery. International Journal of Cardiology, 2015, 181, 284-287.	0.8	5
142	Editorial: The CXCR4 Ligand/Receptor Family and the DPP4 Protease in High-Risk Cardiovascular Patients. Frontiers in Immunology, 2016, 7, 58.	2.2	5
143	Genetic Variants in the Promoter Region of the Macrophage Migration Inhibitory Factor are Associated with the Severity of Hepatitis C Virus-Induced Liver Fibrosis. International Journal of Molecular Sciences, 2019, 20, 3753.	1.8	5
144	Cross-kingdom mimicry of the receptor signaling and leukocyte recruitment activity of a human cytokine by its plant orthologs. Journal of Biological Chemistry, 2020, 295, 850-867.	1.6	5

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145	Studying the Pro-Migratory Effects of MIF. Methods in Molecular Biology, 2020, 2080, 1-18.	0.4	4
146	A <scp>crossâ€kingdom</scp> view on the immunomodulatory role of <scp>MIF</scp>/<scp>Dâ€DT</scp> proteins in mammalian and plant Pseudomonas infections. Immunology, 2022, 166, 287-298.	2.0	4
147	Separating cytokine twins with a small molecule. Journal of Biological Chemistry, 2019, 294, 18532-18533.	1.6	3
148	Non-activatable mutant of inhibitor of kappa B kinase Î± (IKKÎ±) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. Atherosclerosis, 2020, 292, 23-30.	0.4	3
149	Cytokine aerobics: Oxidation controls cytokine dynamics and function. Structure, 2022, 30, 787-790.	1.6	3
150	MIF and the Chemokine Axis. , 2012, , 23-53.		2
151	Macrophage Migration Inhibitory Factorâ€"An Innovative Indicator for Free Flap Ischemia after Microsurgical Reconstruction. Healthcare (Switzerland), 2021, 9, 616.	1.0	2
152	Studying Plant MIF/D-DT-Like Genes and Proteins (MDLs). Methods in Molecular Biology, 2020, 2080, 249-261.	0.4	2
153	â€œRemoteâ€•myokine protects from pulmonary ischemia/reperfusion injury by a surprising â€œproximalâ€• control mechanism. Annals of Translational Medicine, 2018, 6, 275-275.	0.7	2
154	MIF in Atherosclerosis. , 2012, , 321-345.		1
155	MIF Redox Activity. , 2007, , 65-94.		0
156	Discovery of a startling star: chemotaxis and chemotactic inhibition by starfish MIFs. Immunology and Cell Biology, 2016, 94, 313-314.	1.0	0
157	MIF Family Proteins in Cardiac Ischemia/Reperfusion Injury. , 2017, , 157-174.		0
158	Role of the immune system for conditioning in cerebrovascular diseases. Conditioning Medicine, 2021, 4, 1-2.	1.3	0
159	Characterization of Plasmodium falciparum macrophage migration inhibitory factor homologue and its cysteine deficient mutants. Parasitology International, 2022, 87, 102513.	0.6	0
160	An Inducible Leukemia-Associated Transcription Factor Facilitates Large-Scale Ex Vivo Generation of Functional Human Macrophages. Blood, 2021, 138, 2805-2805.	0.6	0
161	Abstract 16602: The Clinical Significance of Mif, Mif-2 and Mif Genotype in Patients Exhibited to Myocardial Ischemia/reperfusion Injury. Circulation, 2015, 132, .	1.6	0