

Richard J Bucala

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

308
papers

23,633
citations

78
h-index

145
g-index

346
ext. papers

26,429
ext. citations

7.7
avg, IF

6.72
L-index

#	Paper	IF	Citations
308	CD74 ablation rescues type 2 diabetes mellitus-induced cardiac remodeling and contractile dysfunction through pyroptosis-evoked regulation of ferroptosis.. <i>Pharmacological Research</i> , 2022 , 176, 106086	10.2	4
307	Mindfulness-based stress reduction may decrease stress, disease activity, and inflammatory cytokine levels in patients with autoimmune hepatitis.. <i>JHEP Reports</i> , 2022 , 4, 100450	10.3	
306	Expression of macrophage migration inhibitory factor and its receptor CD74 in systemic sclerosis. <i>Central-European Journal of Immunology</i> , 2021 , 46, 375-383	1.6	0
305	Macrophage migration inhibitory factor drives pathology in a mouse model of spondyloarthritis and is associated with human disease. <i>Science Translational Medicine</i> , 2021 , 13, eabg1210	17.5	2
304	Suppression of Plasmodium MIF-CD74 signaling protects against severe malaria. <i>FASEB Journal</i> , 2021 , 35, e21997	0.9	0
303	CD74 is a regulator of hematopoietic stem cell maintenance. <i>PLoS Biology</i> , 2021 , 19, e3001121	9.7	1
302	17- α -estradiol late in life extends lifespan in aging UM-HET3 male mice; nicotinamide riboside and three other drugs do not affect lifespan in either sex. <i>Aging Cell</i> , 2021 , 20, e13328	9.9	10
301	Balance between macrophage migration inhibitory factor and sCD74 predicts outcome in patients with acute decompensation of cirrhosis. <i>JHEP Reports</i> , 2021 , 3, 100221	10.3	2
300	Response. <i>Chest</i> , 2021 , 159, 2116-2117	5.3	
299	Interferons and cytokines in SLE pathogenesis and therapy 2021 , 169-180		
298	Unexpected Pro-Fibrotic Effect of MIF in Non-Alcoholic Steatohepatitis Is Linked to a Shift in NKT Cell Populations. <i>Cells</i> , 2021 , 10,	7.9	2
297	Hsp90-stabilized MIF supports tumor progression via macrophage recruitment and angiogenesis in colorectal cancer. <i>Cell Death and Disease</i> , 2021 , 12, 155	9.8	4
296	Macrophage migration inhibitory factor exerts pro-proliferative and anti-apoptotic effects via CD74 in murine hepatocellular carcinoma. <i>British Journal of Pharmacology</i> , 2021 , 178, 4452-4467	8.6	1
295	Intravesical CD74 and CXCR4, macrophage migration inhibitory factor (MIF) receptors, mediate bladder pain. <i>PLoS ONE</i> , 2021 , 16, e0255975	3.7	0
294	ICBP90 Regulates MIF Expression, Glucocorticoid Sensitivity, and Apoptosis at the MIF Immune Susceptibility Locus. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1931-1942	9.5	1
293	Brief report: Enhanced DR β -mMOG-35-55 treatment of severe EAE in MIF-1-deficient male mice. <i>Cellular Immunology</i> , 2021 , 370, 104439	4.4	1
292	A distinct association of inflammatory molecules with outcomes of COVID-19 in younger versus older adults. <i>Clinical Immunology</i> , 2021 , 232, 108857	9	1

291	Haploinsufficiency of multiple del(5q) genes induce B cell abnormalities in mice. <i>Leukemia Research</i> , 2020 , 96, 106428	2.7	1
290	Tocilizumab Treatment for Cytokine Release Syndrome in Hospitalized Patients With Coronavirus Disease 2019: Survival and Clinical Outcomes. <i>Chest</i> , 2020 , 158, 1397-1408	5.3	112
289	Molecular MRI of the Immuno-Metabolic Interplay in a Rabbit Liver Tumor Model: A Biomarker for Resistance Mechanisms in Tumor-targeted Therapy?. <i>Radiology</i> , 2020 , 296, 575-583	20.5	10
288	Glioblastoma Myeloid-Derived Suppressor Cell Subsets Express Differential Macrophage Migration Inhibitory Factor Receptor Profiles That Can Be Targeted to Reduce Immune Suppression. <i>Frontiers in Immunology</i> , 2020 , 11, 1191	8.4	37
287	CD74 Signaling Links Inflammation to Intestinal Epithelial Cell Regeneration and Promotes Mucosal Healing. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020 , 10, 101-112	7.9	12
286	Differential regulation of macrophage activation by the MIF cytokine superfamily members MIF and MIF-2 in adipose tissue during endotoxemia. <i>FASEB Journal</i> , 2020 , 34, 4219-4233	0.9	9
285	Knockout of macrophage migration inhibitory factor accentuates side-stream smoke exposure-induced myocardial contractile dysfunction through dysregulated mitophagy. <i>Pharmacological Research</i> , 2020 , 157, 104828	10.2	7
284	MIF-CD74 Signaling Protects against Endothelial Senescence in Chronic Obstructive Pulmonary Disease. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
283	Macrophage Migration Inhibitory Factor is not Associated with Sarcoidosis Susceptibility or Severity in Whites or Blacks. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2020 , 37, e2020003	1.1	
282	Genotyping Two Promoter Polymorphisms in the MIF Gene: A -794 CATT Microsatellite Repeat and a -173 G/C SNP. <i>Methods in Molecular Biology</i> , 2020 , 2080, 67-84	1.4	2
281	Macrophage migration inhibitory factor promoter polymorphisms are associated with disease activity in rheumatoid arthritis patients from Southern Mexico. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1037	2.3	2
280	CD74 knockout protects against LPS-induced myocardial contractile dysfunction through AMPK-Skp2-SUV39H1-mediated demethylation of BCLB. <i>British Journal of Pharmacology</i> , 2020 , 177, 1881-1897 ¹²	8.6	
279	Designed CXCR4 mimic acts as a soluble chemokine receptor that blocks atherogenic inflammation by agonist-specific targeting. <i>Nature Communications</i> , 2020 , 11, 5981	17.4	8
278	The () Promoter Polymorphisms (rs3063368, rs755622) Predict Acute Kidney Injury and Death after Cardiac Surgery. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
277	Role of Host and Parasite MIF Cytokines during Infection. <i>Tropical Medicine and Infectious Disease</i> , 2020 , 5,	3.5	4
276	MiRNA Regulation of MIF in SLE and Attenuation of Murine Lupus Nephritis With miR-654. <i>Frontiers in Immunology</i> , 2019 , 10, 2229	8.4	23
275	Evolving complexity of MIF signaling. <i>Cellular Signalling</i> , 2019 , 57, 76-88	4.9	66
274	CD74 knockout attenuates alcohol intake-induced cardiac dysfunction through AMPK-Skp2-mediated regulation of autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2368-2378	6.9	9

273	The immunobiology of MIF: function, genetics and prospects for precision medicine. <i>Nature Reviews Rheumatology</i> , 2019 , 15, 427-437	8.1	53
272	MIF mediates bladder pain, not inflammation, in cyclophosphamide cystitis. <i>Cytokine: X</i> , 2019 , 1, 100003-100004	5.1	4
271	Novel Role of Macrophage Migration Inhibitory Factor in Upstream Control of the Unfolded Protein Response After Ethanol Feeding in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2019 , 43, 1439-1451	3.7	13
270	Promiscuous CD4 Epitope Clusters Associated With Human Recall Responses Are Candidates for a Novel T-Cell Targeted Multi-Epitope Q Fever Vaccine. <i>Frontiers in Immunology</i> , 2019 , 10, 207	8.4	15
269	Macrophage migration inhibitory factor regulates innate T-cell responses IL-17 expression. <i>FASEB Journal</i> , 2019 , 33, 6919-6932	0.9	6
268	miR-152 Attenuates the Severity of Lupus Nephritis Through the Downregulation of Macrophage Migration Inhibitory Factor (MIF)-Induced Expression of COL1A1. <i>Frontiers in Immunology</i> , 2019 , 10, 158	8.4	4
267	Low expression alleles and tuberculosis in HIV infected South Africans. <i>Cytokine: X</i> , 2019 , 1, 100004	5	5
266	Macrophage migration inhibitory factor polymorphisms are a potential susceptibility marker in systemic sclerosis from southern Mexican population: association with MIF mRNA expression and cytokine profile. <i>Clinical Rheumatology</i> , 2019 , 38, 1643-1654	3.9	8
265	Macrophage Migration Inhibitory Factor Regulates U1 Small Nuclear RNP Immune Complex-Mediated Activation of the NLRP3 Inflammasome. <i>Arthritis and Rheumatology</i> , 2019 , 71, 109-120	9.5	41
264	Macrophage migration inhibitory factor (MIF) as a therapeutic target for rheumatoid arthritis and systemic lupus erythematosus. <i>Expert Opinion on Therapeutic Targets</i> , 2019 , 23, 733-744	6.4	33
263	The small molecule macrophage migration inhibitory factor antagonist MIF098, inhibits pulmonary hypertension associated with murine SLE. <i>International Immunopharmacology</i> , 2019 , 76, 105874	5.8	3
262	A selective small-molecule inhibitor of macrophage migration inhibitory factor-2 (MIF-2), a MIF cytokine superfamily member, inhibits MIF-2 biological activity. <i>Journal of Biological Chemistry</i> , 2019 , 294, 18522-18531	5.4	8
261	Macrophage migration inhibitory factor enhances influenza-associated mortality in mice. <i>JCI Insight</i> , 2019 , 4,	9.9	3
260	Inhibition of Interleukin-1 β Signaling by Anakinra Demonstrates a Critical Role of Bone Loss in Experimental Arthritogenic Alphavirus Infections. <i>Arthritis and Rheumatology</i> , 2019 , 71, 1185-1190	9.5	8
259	Spinal macrophage migration inhibitory factor and high mobility group box 1 mediate persistent bladder pain. <i>Neuroscience Letters</i> , 2019 , 699, 54-58	3.3	2
258	GENE-26. HOST GENETIC VARIATIONS IN MACROPHAGE MIGRATION INHIBITOR FACTOR CONFER WORSE PROGNOSIS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2019 , 21, vi103-vi103	1	78
257	Cardiomyocyte d-dopachrome tautomerase protects against heart failure. <i>JCI Insight</i> , 2019 , 4,	9.9	7
256	IMMU-28. TARGETING IMMUNOSUPPRESSIVE MYELOID DERIVED SUPPRESSOR CELLS VIA MIF/CD74 SIGNALING AXIS TO ATTENUATE GBM GROWTH. <i>Neuro-Oncology</i> , 2019 , 21, vi125-vi125	1	78

255	Functional MIF promoter haplotypes modulate Th17-related cytokine expression in peripheral blood mononuclear cells from control subjects and rheumatoid arthritis patients. <i>Cytokine</i> , 2019 , 115, 89-96	4	3
254	Endothelial cell-secreted MIF reduces pericyte contractility and enhances neutrophil extravasation. <i>FASEB Journal</i> , 2019 , 33, 2171-2186	0.9	13
253	Nanosecond Dynamics Regulate the MIF-Induced Activity of CD74. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7116-7119	16.4	23
252	MIF promotes a differential Th1/Th2/Th17 inflammatory response in human primary cell cultures: Predominance of Th17 cytokine profile in PBMC from healthy subjects and increase of IL-6 and TNF- α in PBMC from active SLE patients. <i>Cellular Immunology</i> , 2018 , 324, 42-49	4.4	28
251	The Tumor-Like Phenotype of Rheumatoid Synovium: Molecular Profiling and Prospects for Precision Medicine. <i>Arthritis and Rheumatology</i> , 2018 , 70, 637-652	9.5	35
250	Mif-deficiency favors an atheroprotective autoantibody phenotype in atherosclerosis. <i>FASEB Journal</i> , 2018 , 32, 4428-4443	0.9	15
249	Interaction Between Macrophage Migration Inhibitory Factor and CD74 in Human Immunodeficiency Virus Type I Infected Primary Monocyte-Derived Macrophages Triggers the Production of Proinflammatory Mediators and Enhances Infection of Unactivated CD4 T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 1494	8.4	3
248	Neutralization of the Plasmodium-encoded MIF ortholog confers protective immunity against malaria infection. <i>Nature Communications</i> , 2018 , 9, 2714	17.4	40
247	Macrophage migration inhibitory factor (MIF) gene is associated with adolescents' cortisol reactivity and anxiety. <i>Psychoneuroendocrinology</i> , 2018 , 95, 170-178	5	3
246	Nanosecond Dynamics Regulate the MIF-Induced Activity of CD74. <i>Angewandte Chemie</i> , 2018 , 130, 7234-7237	3.7	2
245	TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. <i>PLoS ONE</i> , 2018 , 13, e0199391	3.7	11
244	Macrophage migration inhibitory factor mediates metabolic dysfunction induced by atypical antipsychotic therapy. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4997-5007	15.9	17
243	Th1/Th17 Cytokine Profile is Induced by Macrophage Migration Inhibitory Factor in Peripheral Blood Mononuclear Cells from Rheumatoid Arthritis Patients. <i>Current Molecular Medicine</i> , 2018 , 18, 679-688	2.5	3
242	(MIF) Drives Murine Psoriasiform Dermatitis. <i>Frontiers in Immunology</i> , 2018 , 9, 2262	8.4	12
241	Novel half-life extended anti-MIF nanobodies protect against endotoxic shock. <i>FASEB Journal</i> , 2018 , 32, 3411-3422	0.9	14
240	Protease activated-receptor α activation as a model of persistent bladder pain: Essential role of macrophage migration inhibitory factor and high mobility group box α . <i>International Journal of Urology</i> , 2018 , 25, 887-893	2.3	2
239	The protective role of macrophage migration inhibitory factor in acute kidney injury after cardiac surgery. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	49
238	Structural Plasticity in the C-Terminal Region of Macrophage Migration Inhibitory Factor-2 Is Associated with an Induced Fit Mechanism for a Selective Inhibitor. <i>Biochemistry</i> , 2018 , 57, 3599-3605	3.2	11

237	Neutralization of macrophage migration inhibitory factor improves host survival after <i>Clostridium difficile</i> infection. <i>Anaerobe</i> , 2018 , 53, 56-63	2.8	14
236	Role of Macrophage Migration Inhibitory Factor in Granulomatosis With Polyangiitis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 2077-2086	9.5	7
235	MIF-2/D-DT enhances proximal tubular cell regeneration through SLPI- and ATF4-dependent mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F767-F780	4.3	19
234	Reprint of: The non-mammalian MIF superfamily. <i>Immunobiology</i> , 2017 , 222, 858-867	3.4	8
233	MIF family cytokines in cardiovascular diseases and prospects for precision-based therapeutics. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 671-683	6.4	41
232	Macrophage migration inhibitory factor mediates protease-activated receptor 4-induced bladder pain through urothelial high mobility group box 1. <i>Physiological Reports</i> , 2017 , 5, e13549	2.6	8
231	MIF and D-DT are potential disease severity modifiers in male MS subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8421-E8429	11.5	60
230	T Cells Regulate Peripheral Naive Mature B Cell Survival by Cell-Cell Contact Mediated through SLAMF6 and SAP. <i>Journal of Immunology</i> , 2017 , 199, 2745-2757	5.3	13
229	Complexity of macrophage migration inhibitory factor (MIF) and other angiogenic biomarkers profiling in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2017 , 7, 730-733	2.7	7
228	Macrophage migration inhibitory factor enhances biofilm formation, potentially contributing to cystic fibrosis pathogenesis. <i>FASEB Journal</i> , 2017 , 31, 5102-5110	0.9	6
227	Macrophage Migration Inhibitory Factor Limits Renal Inflammation and Fibrosis by Counteracting Tubular Cell Cycle Arrest. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 3590-3604	12.7	38
226	Macrophage migration inhibitory factor protects from nonmelanoma epidermal tumors by regulating the number of antigen-presenting cells in skin. <i>FASEB Journal</i> , 2017 , 31, 526-543	0.9	12
225	The non-mammalian MIF superfamily. <i>Immunobiology</i> , 2017 , 222, 473-482	3.4	32
224	Reduced Osteoarthritis Severity in Aged Mice With Deletion of Macrophage Migration Inhibitory Factor. <i>Arthritis and Rheumatology</i> , 2017 , 69, 352-361	9.5	28
223	D-dopachrome tautomerase in adipose tissue inflammation and wound repair. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 35-45	5.6	11
222	Plasma Levels of Macrophage Migration Inhibitory Factor and d-Dopachrome Tautomerase Show a Highly Specific Profile in Early Life. <i>Frontiers in Immunology</i> , 2017 , 8, 26	8.4	21
221	Characterization of adipose tissue macrophages and adipose-derived stem cells in critical wounds. <i>PeerJ</i> , 2017 , 5, e2824	3.1	8
220	Parasite MIF Orthologs 2017 , 221-239		

219	Macrophage Migration Inhibitory Factor Mediates Proliferative GN via CD74. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1650-64	12.7	39
218	Endogenous macrophage migration inhibitory factor reduces the accumulation and toxicity of misfolded SOD1 in a mouse model of ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10198-203	11.5	31
217	MIF allele-dependent regulation of the MIF coreceptor CD44 and role in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7917-E7926	11.5	36
216	Macrophage migration inhibitory factor drives neutrophil accumulation by facilitating IL-1 β production in a murine model of acute gout. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 1035-43	6.5	31
215	Predicted structure of MIF/CD74 and RTL1000/CD74 complexes. <i>Metabolic Brain Disease</i> , 2016 , 31, 249-55	5.9	23
214	Association between high expression macrophage migration inhibitory factor (MIF) alleles and West Nile virus encephalitis. <i>Cytokine</i> , 2016 , 78, 51-4	4	11
213	Leishmania-encoded orthologs of macrophage migration inhibitory factor regulate host immunity to promote parasite persistence. <i>FASEB Journal</i> , 2016 , 30, 2249-65	0.9	19
212	Transcription factor ICBP90 regulates the MIF promoter and immune susceptibility locus. <i>Journal of Clinical Investigation</i> , 2016 , 126, 732-44	15.9	37
211	MIF-Mediated Hemodilution Promotes Pathogenic Anemia in Experimental African Trypanosomosis. <i>PLoS Pathogens</i> , 2016 , 12, e1005862	7.6	16
210	Macrophage Migration Inhibitory Factor (MIF) Deficiency Exacerbates Aging-Induced Cardiac Remodeling and Dysfunction Despite Improved Inflammation: Role of Autophagy Regulation. <i>Scientific Reports</i> , 2016 , 6, 22488	4.9	38
209	The clinical significance of the MIF homolog d-dopachrome tautomerase (MIF-2) and its circulating receptor (sCD74) in burn. <i>Burns</i> , 2016 , 42, 1265-76	2.3	15
208	CD74-Downregulation of Placental Macrophage-Trophoblastic Interactions in Preeclampsia. <i>Circulation Research</i> , 2016 , 119, 55-68	15.7	34
207	Modeling of both shared and distinct interactions between MIF and its homologue D-DT with their common receptor CD74. <i>Cytokine</i> , 2016 , 88, 62-70	4	11
206	A Macrophage Migration Inhibitory Factor Polymorphism Is Associated with Autoimmune Hepatitis Severity in US and Japanese Patients. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 3506-3512	4	20
205	The macrophage migration inhibitory factor protein superfamily in obesity and wound repair. <i>Experimental and Molecular Medicine</i> , 2015 , 47, e161	12.8	34
204	Role of macrophage migration inhibitory factor in age-related lung disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L1-10	5.8	21
203	Interaction of MIF Family Proteins in Myocardial Ischemia/Reperfusion Damage and Their Influence on Clinical Outcome of Cardiac Surgery Patients. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 865-79	8.4	44
202	An Analysis of MIF Structural Features that Control Functional Activation of CD74. <i>Chemistry and Biology</i> , 2015 , 22, 1197-205		54

201	Leukocyte-specific protein 1 regulates T-cell migration in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E6535-43	11.5	20
200	Macrophage migration inhibitory factor is required for recruitment of scar-associated macrophages during liver fibrosis. <i>Journal of Leukocyte Biology</i> , 2015 , 97, 161-9	6.5	33
199	Behavioural and neurobiological consequences of macrophage migration inhibitory factor gene deletion in mice. <i>Journal of Neuroinflammation</i> , 2015 , 12, 163	10.1	14
198	Deficiency of macrophage migration inhibitory factor attenuates tau hyperphosphorylation in mouse models of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2015 , 12, 177	10.1	26
197	Macrophage Migration Inhibitory Factor in Acute Adipose Tissue Inflammation. <i>PLoS ONE</i> , 2015 , 10, e0137366	18	
196	Macrophage Migration Inhibitory Factor Is Detrimental in Pneumococcal Pneumonia and a Target for Therapeutic Immunomodulation. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1677-82	7	23
195	Endothelial CD74 mediates macrophage migration inhibitory factor protection in hyperoxic lung injury. <i>FASEB Journal</i> , 2015 , 29, 1940-9	0.9	27
194	Pentosan Polysulfate: a Novel Glycosaminoglycan-Like Molecule for Effective Treatment of Alphavirus-Induced Cartilage Destruction and Inflammatory Disease. <i>Journal of Virology</i> , 2015 , 89, 8063-76	6.6	45
193	Macrophage migration inhibitory factor is essential for osteoclastogenic mechanisms in vitro and in vivo mouse model of arthritis. <i>Cytokine</i> , 2015 , 72, 135-45	4	30
192	Macrophage migration inhibitory factor (MIF) enzymatic activity and lung cancer. <i>Molecular Medicine</i> , 2015 , 20, 729-35	6.2	34
191	Treatment of moderate rheumatoid arthritis with different strategies in a health resource-limited setting: a cost-effectiveness analysis in the era of biosimilars. <i>Clinical and Experimental Rheumatology</i> , 2015 , 33, 20-6	2.2	15
190	Differential roles of cardiac and leukocyte derived macrophage migration inhibitory factor in inflammatory responses and cardiac remodelling post myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 69, 32-42	5.8	47
189	Ostertagia ostertagi macrophage migration inhibitory factor is present in all developmental stages and may cross-regulate host functions through interaction with the host receptor. <i>International Journal for Parasitology</i> , 2014 , 44, 355-67	4.3	19
188	Crystallographic and receptor binding characterization of Plasmodium falciparum macrophage migration inhibitory factor complexed to two potent inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8652-6	8.3	15
187	The role of macrophage migration inhibitory factor in autoimmune liver disease. <i>Hepatology</i> , 2014 , 59, 580-91	11.2	75
186	Down-regulation of MIF by NFB under hypoxia accelerated neuronal loss during stroke. <i>FASEB Journal</i> , 2014 , 28, 4394-407	0.9	33
185	Macrophage migration inhibitory factor promotes clearance of pneumococcal colonization. <i>Journal of Immunology</i> , 2014 , 193, 764-72	5.3	26
184	Multi-dimensional health assessment questionnaire in China: reliability, validity and clinical value in patients with rheumatoid arthritis. <i>PLoS ONE</i> , 2014 , 9, e97952	3.7	3

183	Construct and criterion validity of the Euro Qol-5D in patients with systemic lupus erythematosus. <i>PLoS ONE</i> , 2014 , 9, e98883	3.7	21
182	1677Macrophage migration inhibitory factor (MIF) promotes clearance of pneumococcal colonization. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S448-S448	1	78
181	Protective role of macrophage migration inhibitory factor in nonalcoholic steatohepatitis. <i>FASEB Journal</i> , 2014 , 28, 5136-47	0.9	33
180	Macrophage migration inhibitory factor deficiency in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 306, L487-96	5.8	40
179	MIF contributes to Trypanosoma brucei associated immunopathogenicity development. <i>PLoS Pathogens</i> , 2014 , 10, e1004414	7.6	34
178	Targeting distinct tautomerase sites of D-DT and MIF with a single molecule for inhibition of neutrophil lung recruitment. <i>FASEB Journal</i> , 2014 , 28, 4961-71	0.9	41
177	Functional polymorphisms in the gene encoding macrophage migration inhibitory factor are associated with Gram-negative bacteremia in older adults. <i>Journal of Infectious Diseases</i> , 2014 , 209, 764-8	7	15
176	The vestigial enzyme D-dopachrome tautomerase protects the heart against ischemic injury. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3540-50	15.9	43
175	The macrophage migration inhibitory factor (MIF)-homologue D-dopachrome tautomerase is a therapeutic target in a murine melanoma model. <i>Oncotarget</i> , 2014 , 5, 103-7	3.3	16
174	The integral role of CD74 in antigen presentation, MIF signal transduction, and B cell survival and homeostasis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014 , 14, 1132-8	3.2	32
173	MIF, MIF alleles, and prospects for therapeutic intervention in autoimmunity. <i>Journal of Clinical Immunology</i> , 2013 , 33 Suppl 1, S72-8	5.7	54
172	Small molecular modulation of macrophage migration inhibitory factor in the hyperoxia-induced mouse model of bronchopulmonary dysplasia. <i>Respiratory Research</i> , 2013 , 14, 27	7.3	34
171	Macrophage-derived, macrophage migration inhibitory factor (MIF) is necessary to induce disease in the K/BxN serum-induced model of arthritis. <i>Rheumatology International</i> , 2013 , 33, 2301-8	3.6	17
170	Differential roles of angiogenic chemokines in endothelial progenitor cell-induced angiogenesis. <i>Basic Research in Cardiology</i> , 2013 , 108, 310	11.8	70
169	Deletion of macrophage migration inhibitory factor worsens stroke outcome in female mice. <i>Neurobiology of Disease</i> , 2013 , 54, 421-31	7.5	29
168	Cytokines in sepsis: potent immunoregulators and potential therapeutic targets--an updated view. <i>Mediators of Inflammation</i> , 2013 , 2013, 165974	4.3	403
167	Berberine protects against palmitate-induced endothelial dysfunction: involvements of upregulation of AMPK and eNOS and downregulation of NOX4. <i>Mediators of Inflammation</i> , 2013 , 2013, 260464	4.3	42
166	Compartmentalized protective and detrimental effects of endogenous macrophage migration-inhibitory factor mediated by CXCR2 in a mouse model of myocardial ischemia/reperfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2180-6	9.4	44

165	Macrophage migration inhibitory factor deficiency augments doxorubicin-induced cardiomyopathy. <i>Journal of the American Heart Association</i> , 2013 , 2, e000439	6	55
164	MIF intersubunit disulfide mutant antagonist supports activation of CD74 by endogenous MIF trimer at physiologic concentrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10994-9	11.5	30
163	Macrophage migration inhibitory factor (MIF) is a critical mediator of the innate immune response to <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E2997-3006	11.5	91
162	Limiting cardiac ischemic injury by pharmacological augmentation of macrophage migration inhibitory factor-AMP-activated protein kinase signal transduction. <i>Circulation</i> , 2013 , 128, 225-36	16.7	60
161	A genetic role for macrophage migration inhibitory factor (MIF) in adult-onset Still's disease. <i>Arthritis Research and Therapy</i> , 2013 , 15, R65	5.7	35
160	A critical regulatory role for macrophage migration inhibitory factor in hyperoxia-induced injury in the developing murine lung. <i>PLoS ONE</i> , 2013 , 8, e60560	3.7	28
159	Fibrocytes in health and disease. <i>Fibrogenesis and Tissue Repair</i> , 2012 , 5, S6		23
158	Virtual screening and optimization yield low-nanomolar inhibitors of the tautomerase activity of <i>Plasmodium falciparum</i> macrophage migration inhibitory factor. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10148-59	8.3	30
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