

A functional promoter polymorphism in the macrophage gene associated with disease severity in rheumatoid art

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Macrophage migration inhibitory factor: An emerging therapeutic target in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 291-299.	6.7	67
2	High mobility group box chromosomal protein 1 as a nuclear protein, cytokine, and potential therapeutic target in arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 876-881.	6.7	82
3	Macrophage migration inhibitory factor, MIF alleles, and the genetics of inflammatory disorders: Incorporating disease outcome into the definition of phenotype. <i>Arthritis and Rheumatism</i> , 2003, 48, 1171-1176.	6.7	73
4	Functional and prognostic relevance of the ?173 polymorphism of the macrophage migration inhibitory factor gene in systemic-onset juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 1398-1407.	6.7	173
5	Looking back and looking forward. <i>Genes and Immunity</i> , 2003, 4, 1-3.	2.2	1
6	Macrophage migration inhibitory factor (MIF) gene polymorphism is associated with susceptibility to but not severity of inflammatory polyarthritis. <i>Genes and Immunity</i> , 2003, 4, 487-491.	2.2	76
7	Therapeutic approaches to innate immunity: severe sepsis and septic shock. <i>Nature Reviews Drug Discovery</i> , 2003, 2, 635-645.	21.5	63
8	Macrophage migration inhibitory factor: a regulator of innate immunity. <i>Nature Reviews Immunology</i> , 2003, 3, 791-800.	10.6	2,045
9	Teasing apart the complex genetics of human autoimmunity: lessons from rheumatoid arthritis. <i>Clinical Immunology</i> , 2003, 107, 1-9.	1.4	29
10	Macrophage migration inhibitory factor (MIF). , 2003, , 1037-1048.		0
11	Therapeutic opportunities for antagonism of macrophage migration inhibitory factor. <i>Expert Opinion on Therapeutic Patents</i> , 2003, 13, 1189-1212.	2.4	2
12	Macrophage migration inhibitory factor: a neuroendocrine modulator of chronic inflammation. <i>Journal of Endocrinology</i> , 2003, 179, 15-23.	1.2	74
13	MIF Signal Transduction Initiated by Binding to CD74. <i>Journal of Experimental Medicine</i> , 2003, 197, 1467-1476.	4.2	949
14	Functional Polymorphisms in the Promoter Region of Macrophage Migration Inhibitory Factor and Atopy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 1014-1018.	2.5	75
15	Macrophage migration inhibitory factor: molecular, cellular and genetic aspects of a key neuroendocrine molecule. <i>Journal of Endocrinology</i> , 2004, 182, 1-9.	1.2	101
16	Macrophage Migration Inhibitory Factor: An Intracellular Inhibitor of Angiotensin II-Induced Increases in Neuronal Activity. <i>Journal of Neuroscience</i> , 2004, 24, 9944-9952.	1.7	56
17	Complex genetic predisposition in adult and juvenile rheumatoid arthritis. <i>BMC Genetics</i> , 2004, 5, 2.	2.7	64
18	A functional promoter haplotype of macrophage migration inhibitory factor is linked and associated with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 1604-1610.	6.7	124

#	ARTICLE	IF	CITATIONS
19	Macrophage migration inhibitory factor up-regulates the expression of interleukin-8 messenger RNA in synovial fibroblasts of rheumatoid arthritis patients: Common transcriptional regulatory mechanism between interleukin-8 and interleukin-1?. <i>Arthritis and Rheumatism</i> , 2004, 50, 1437-1447.	6.7	93
20	Inhibition of joint inflammation and destruction induced by anti-type II collagen antibody/lipopolysaccharide (LPS)-induced arthritis in mice due to deletion of macrophage migration inhibitory factor (MIF). <i>Cytokine</i> , 2004, 26, 187-194.	1.4	58
21	The genetics of human longevity. <i>American Journal of Medicine</i> , 2004, 117, 851-860.	0.6	103
22	Cytokine genes and disease susceptibility. <i>Cytokine</i> , 2004, 28, 174-178.	1.4	78
23	Macrophage migration inhibitory factor. <i>Critical Care Medicine</i> , 2005, 33, S475-S477.	0.4	117
24	The PTPN22 R620W polymorphism associates with RF positive rheumatoid arthritis in a dose-dependent manner but not with HLA-SE status. <i>Genes and Immunity</i> , 2005, 6, 129-133.	2.2	173
25	Promoter region polymorphism of macrophage migration inhibitory factor is strong risk factor for young onset of extensive alopecia areata. <i>Genes and Immunity</i> , 2005, 6, 285-289.	2.2	36
26	Correlation of rheumatoid arthritis severity with the genetic functional variants and circulating levels of macrophage migration inhibitory factor. <i>Arthritis and Rheumatism</i> , 2005, 52, 3020-3029.	6.7	203
27	Proteome profiling of interleukin-12 treated human T helper cells. <i>Proteomics</i> , 2005, 5, 3137-3141.	1.3	30
28	Macrophage migration inhibitory factor in rheumatoid arthritis. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 12.	3.0	65
29	Macrophage Migration Inhibitory Factor: Gene Polymorphisms and Susceptibility to Inflammatory Diseases. <i>Clinical Infectious Diseases</i> , 2005, 41, S513-S519.	2.9	119
30	Macrophage Migration Inhibitory Factor Reduces the Growth of Virulent Mycobacterium tuberculosis in Human Macrophages. <i>Infection and Immunity</i> , 2005, 73, 3783-3786.	1.0	45
31	Macrophage Migration Inhibitory Factor Is Released from Pituitary Folliculo-Stellate-Like Cells by Endotoxin and Dexamethasone and Attenuates the Steroid-Induced Inhibition of Interleukin 6 Release. <i>Endocrinology</i> , 2005, 146, 35-43.	1.4	37
32	Glucocorticoids suppress macrophage migration inhibitory factor (MIF) expression in a cell-type-specific manner. <i>Journal of Molecular Endocrinology</i> , 2005, 34, 583-595.	1.1	28
33	Role for macrophage migration inhibitory factor in asthma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14410-14415.	3.3	199
34	Cystic Fibrosis, Disease Severity, and a Macrophage Migration Inhibitory Factor Polymorphism. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1412-1415.	2.5	88
35	Simultaneous detection of microsatellite repeats and SNPs in the macrophage migration inhibitory factor (MIF) gene by thin-film biosensor chips and application to rural field studies. <i>Nucleic Acids Research</i> , 2005, 33, e121-e121.	6.5	90
36	Association of polymorphism in the transforming growth factor $\hat{A}1$ gene with disease outcome and mortality in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2005, 64, 1190-1194.	0.5	34

#	ARTICLE	IF	CITATIONS
37	Dual regulation of macrophage migration inhibitory factor (MIF) expression in hypoxia by CREB and HIF-1. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 895-903.	1.0	119
38	Genetic basis of rheumatoid arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 656-662.	2.5	77
39	MIF production by dendritic cells is differentially regulated by Toll-like receptors and increased during rheumatoid arthritis. <i>Cytokine</i> , 2006, 36, 51-56.	1.4	31
40	Neutralization of macrophage migration inhibitory factor: a novel approach for the treatment of immunoinflammatory disorders. <i>International Immunopharmacology</i> , 2006, 6, 1527-1534.	1.7	44
41	Investigating disease susceptibility and the negative correlation of schizophrenia and rheumatoid arthritis focusing on MIF and CD14 gene polymorphisms. <i>Psychiatry Research</i> , 2006, 144, 39-47.	1.7	30
42	Epidemiología genética de la artritis reumatoide: ¿qué esperar de América Latina?. <i>Biomedica</i> , 2006, 26, 562.	0.3	17
43	Genomic progress in pediatric arthritis: recent work and future goals. <i>Current Opinion in Rheumatology</i> , 2006, 18, 482-489.	2.0	12
44	MIF: a new cytokine link between rheumatoid arthritis and atherosclerosis. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 399-411.	21.5	317
45	Susceptibility to JRA/JIA: complementing general autoimmune and arthritis traits. <i>Genes and Immunity</i> , 2006, 7, 1-10.	2.2	29
46	Evidence of association of macrophage migration inhibitory factor gene polymorphisms with systemic lupus erythematosus. <i>Genes and Immunity</i> , 2006, 7, 433-436.	2.2	91
47	A macrophage migration inhibitory factor promoter polymorphism is associated with high-density parasitemia in children with malaria. <i>Genes and Immunity</i> , 2006, 7, 568-575.	2.2	31
48	The role of macrophage migration inhibitory factor in the inflammatory immune response and rheumatoid arthritis. <i>Wiener Medizinische Wochenschrift</i> , 2006, 156, 11-18.	0.5	38
49	Association of macrophage migration inhibitory factor gene -173G/C polymorphism with prognosis in Turkish children with juvenile rheumatoid arthritis. <i>Rheumatology International</i> , 2006, 26, 726-731.	1.5	31
50	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. <i>Cellular Signalling</i> , 2006, 18, 688-703.	1.7	177
51	Macrophage migration inhibitory factor promoter polymorphisms and the clinical expression of scleroderma. <i>Arthritis and Rheumatism</i> , 2006, 54, 3661-3669.	6.7	100
52	Sarcoidosis and MIF gene polymorphism: a case-control study in an Irish population. <i>European Respiratory Journal</i> , 2006, 29, 325-329.	3.1	8
53	Null mutation in macrophage migration inhibitory factor prevents muscle cell loss and fibrosis in partial bladder outlet obstruction. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F1343-F1353.	1.3	33
54	MIF and the Genetic Basis of Macrophage Responsiveness. <i>Current Immunology Reviews</i> , 2006, 2, 217-223.	1.2	13

#	ARTICLE	IF	CITATIONS
55	Promoter polymorphism in the macrophage migration inhibitory factor gene is associated with obesity. <i>International Journal of Obesity</i> , 2006, 30, 238-242.	1.6	26
56	A single nucleotide polymorphism of macrophage migration inhibitory factor is related to inflammatory response in coronary bypass surgery using cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 30, 59-63.	0.6	24
57	Genome scan meta-analysis of rheumatoid arthritis. <i>Rheumatology</i> , 2006, 45, 166-170.	0.9	133
58	Macrophage migration inhibitory factor and glucocorticoid sensitivity. <i>Rheumatology</i> , 2006, 45, 937-943.	0.9	57
59	A critical role for the host mediator macrophage migration inhibitory factor in the pathogenesis of malarial anemia. <i>Journal of Experimental Medicine</i> , 2006, 203, 1185-1196.	4.2	128
60	A Dinucleotide Deletion in CD24 Confers Protection against Autoimmune Diseases. <i>PLoS Genetics</i> , 2007, 3, e49.	1.5	70
61	MIF "Rediscovered"., 2007, , 19-34.		3
62	Gene Structure and Functional MIF Polymorphisms in Respiratory Disease. , 2007, , 257-276.		0
63	MIF Alleles in Inflammatory Arthritis. , 2007, , 277-292.		0
64	Macrophage Migration Inhibitory Factor: A Therapeutic Target Across Inflammatory Diseases. <i>Inflammation and Allergy: Drug Targets</i> , 2007, 6, 183-190.	1.8	79
65	Macrophage Migration Inhibitory Factor Manipulation and Evaluation in Tumoral Hypoxic Adaptation. <i>Methods in Enzymology</i> , 2007, 435, 355-369.	0.4	14
66	Macrophage migration inhibitory factor polymorphisms do not predict therapeutic response to glucocorticoids or to tumour necrosis factor α -neutralising treatments in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1525-1530.	0.5	13
67	Functional polymorphisms in the promoter region of macrophage migration inhibitory factor and chronic gastritis. <i>International Journal of Molecular Medicine</i> , 2007, 20, 539.	1.8	4
68	Genetic polymorphisms of molecules associated with inflammation and immune response in Japanese subjects with functional dyspepsia. <i>International Journal of Molecular Medicine</i> , 0, , .	1.8	12
69	Macrophage Migration Inhibitory Factor: A Probable Link between Inflammation and Cancer. <i>Immunity</i> , 2007, 26, 281-285.	6.6	187
70	Macrophage migration inhibitory factor gene: Influence on rheumatoid arthritis susceptibility. <i>Human Immunology</i> , 2007, 68, 744-747.	1.2	50
71	Macrophage migration inhibitory factor in acute lung injury: expression, biomarker, and associations. <i>Translational Research</i> , 2007, 150, 18-29.	2.2	91
72	The Macrophage Migration Inhibitory Factor-Glucocorticoid Dyad: Regulation of Inflammation and Immunity. <i>Molecular Endocrinology</i> , 2007, 21, 1267-1280.	3.7	232

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73	A novel DNA vaccine targeting macrophage migration inhibitory factor protects joints from inflammation and destruction in murine models of arthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 521-530.	6.7	35
74	Involvement of macrophage migration inhibitory factor gene in celiac disease susceptibility. <i>Genes and Immunity</i> , 2007, 8, 168-170.	2.2	23
75	Macrophage migration inhibitory factor (MIF) gene polymorphisms are associated with increased prostate cancer incidence. <i>Genes and Immunity</i> , 2007, 8, 646-652.	2.2	81
76	Macrophage migration inhibitory factor gene influences the risk of developing tuberculosis in northwestern Colombian population. <i>Tissue Antigens</i> , 2007, 70, 28-33.	1.0	35
77	Macrophage migration inhibitory factor and its genetic association with arthritis: A work in progress. <i>Current Rheumatology Reports</i> , 2007, 9, 343-344.	2.1	2
78	Macrophage-migration inhibitory factor: role in inflammatory diseases and graft rejection. <i>Inflammation Research</i> , 2008, 57, 45-50.	1.6	40
79	The role of macrophage migration inhibitory factor on glucose metabolism and diabetes. <i>Diabetologia</i> , 2008, 51, 1937-1946.	2.9	67
80	Macrophage migration inhibitory factor (MIF) is necessary for progression of autoimmune diabetes mellitus. <i>Journal of Cellular Physiology</i> , 2008, 215, 665-675.	2.0	76
81	Macrophage migration inhibitory factor stimulates AMP-activated protein kinase in the ischaemic heart. <i>Nature</i> , 2008, 451, 578-582.	13.7	392
82	Reduced arthritis in MIF deficient mice is associated with reduced T cell activation: down-regulation of ERK MAP kinase phosphorylation. <i>Clinical and Experimental Immunology</i> , 2008, 152, 372-380.	1.1	46
83	The microsatellite, macrophage migration inhibitory factor 794, may influence gene expression in human mononuclear cells stimulated with <i>E. Coli</i> or <i>S. Pneumoniae</i> . <i>International Journal of Immunogenetics</i> , 2008, 35, 309-316.	0.8	15
84	Development of a novel method to measure macrophage migration inhibitory factor (MIF) in sera of patients with rheumatoid arthritis by combined electrochemical immunosensor. <i>International Immunopharmacology</i> , 2008, 8, 859-865.	1.7	18
85	Macrophage migration inhibitory factor (MIF) and risk for coronary heart disease: Results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. <i>Atherosclerosis</i> , 2008, 200, 380-388.	0.4	52
86	Macrophage Migration Inhibitory Factor and Autism Spectrum Disorders. <i>Pediatrics</i> , 2008, 122, e438-e445.	1.0	103
87	Macrophage Migration Inhibitory Factor in Cardiovascular Disease. <i>Circulation</i> , 2008, 117, 1594-1602.	1.6	238
88	Tumor Growth-Promoting Properties of Macrophage Migration Inhibitory Factor. <i>Current Pharmaceutical Design</i> , 2008, 14, 3790-3801.	0.9	71
89	Tissue Reactions to Engineered Cartilage Based on Poly-L-Lactic Acid Scaffolds. <i>Tissue Engineering - Part A</i> , 2009, 15, 1565-1577.	1.6	37
90	Macrophage migration inhibitory factor and multiple organ dysfunction syndrome. <i>Journal of Organ Dysfunction</i> , 2009, 5, 10-16.	0.3	0

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91	The influence of macrophage migration inhibitory factor gene polymorphisms on outcome from community-acquired pneumonia. <i>FASEB Journal</i> , 2009, 23, 2403-2411.	0.2	87
92	West Nile Encephalitis Virus Infection. , 2009, , .		13
93	Cardiac macrophage migration inhibitory factor inhibits JNK pathway activation and injury during ischemia/reperfusion. <i>Journal of Clinical Investigation</i> , 2009, 119, 3807-3816.	3.9	155
94	Macrophage migration inhibitory factor (MIF) plays a critical role in pathogenesis of ultraviolet-B (UVB)-induced nonmelanoma skin cancer (NMSC). <i>FASEB Journal</i> , 2009, 23, 720-730.	0.2	47
95	MIF (Macrophage Migration Inhibitory Factor) Promoter Polymorphisms and Susceptibility to Severe Malarial Anemia. <i>Journal of Infectious Diseases</i> , 2009, 200, 629-637.	1.9	70
96	The Dexamethasone-induced Inhibition of Proliferation, Migration, and Invasion in Glioma Cell Lines Is Antagonized by Macrophage Migration Inhibitory Factor (MIF) and Can Be Enhanced by Specific MIF Inhibitors. <i>Journal of Biological Chemistry</i> , 2009, 284, 32483-32492.	1.6	63
97	Investigations on possible role of MIF gene polymorphism in progression of chikungunya infection into cases of acute flaccid paralysis and chronic arthropathy. <i>Journal of Genetics</i> , 2009, 88, 123-125.	0.4	4
98	AMP-activated protein kinase: a core signalling pathway in the heart. <i>Acta Physiologica</i> , 2009, 196, 37-53.	1.8	86
99	Association of MIF promoter polymorphisms with childhood asthma in a northeastern Chinese population. <i>Tissue Antigens</i> , 2009, 73, 302-306.	1.0	23
100	Macrophage migration inhibitory factor (MIF), enzymatic activity and the inflammatory response. <i>BioFactors</i> , 2009, 35, 165-168.	2.6	53
101	Glucocorticoid-induced MIF expression by human CEM T cells. <i>Cytokine</i> , 2009, 48, 177-185.	1.4	31
102	Macrophage migration inhibitory factor: A key cytokine in RA, SLE and atherosclerosis. <i>Clinica Chimica Acta</i> , 2009, 399, 1-7.	0.5	102
103	Association of MIF promoter polymorphisms with psoriasis in a Han population in northeastern China. <i>Journal of Dermatological Science</i> , 2009, 53, 212-215.	1.0	33
104	A MIF haplotype is associated with the outcome of patients with severe sepsis: a case control study. <i>Journal of Translational Medicine</i> , 2009, 7, 100.	1.8	30
105	Modeling Informatively Missing Genotypes in Haplotype Analysis. <i>Communications in Statistics - Theory and Methods</i> , 2009, 38, 3445-3460.	0.6	2
106	Glucocorticoid resistance in inflammatory diseases. <i>Lancet, The</i> , 2009, 373, 1905-1917.	6.3	850
107	Effect of polymorphisms of IL-17A, -17F and MIF genes on CpG island hyper-methylation (CIHM) in the human gastric mucosa. <i>International Journal of Molecular Medicine</i> , 2009, 24, 563-9.	1.8	14
108	Association between IL-17A, -17F and MIF polymorphisms predispose to CpG island hyper-methylation in gastric cancer. <i>International Journal of Molecular Medicine</i> , 2010, 25, 471-7.	1.8	23

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109	Polymorphisms of the macrophage migration inhibitory factor gene in a UK population with Type 1 diabetes mellitus. <i>Diabetic Medicine</i> , 2010, 27, 143-149.	1.2	10
110	Macrophage Migration Inhibitory Factor: A Multifunctional Cytokine in Rheumatic Diseases. <i>Arthritis</i> , 2010, 2010, 1-10.	2.0	36
111	Macrophage migration inhibitory factor (MIF): A promising biomarker. <i>Drug News and Perspectives</i> , 2010, 23, 257.	1.9	179
112	Anemia in Elderly Patients: An Emerging Problem for the 21st Century. <i>Hematology American Society of Hematology Education Program</i> , 2010, 2010, 271-275.	0.9	71
113	Predictors of response to intra-articular steroid injection in psoriatic arthritis. <i>Rheumatology</i> , 2010, 49, 1367-1373.	0.9	70
114	Autoimmune diseases: MIF as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 253-264.	1.5	74
115	Macrophage migration inhibitory factor is a therapeutic target in treatment of non-insulin-dependent diabetes mellitus. <i>FASEB Journal</i> , 2010, 24, 2583-2590.	0.2	51
116	Macrophage Migration Inhibitory Factor: Critical Role in Obesity, Insulin Resistance, and Associated Comorbidities. <i>Mediators of Inflammation</i> , 2010, 2010, 1-7.	1.4	45
117	Release of Danger Signals during Ischemic Storage of the Liver: A Potential Marker of Organ Damage?. <i>Mediators of Inflammation</i> , 2010, 2010, 1-11.	1.4	35
118	Inflammation and cancer: macrophage migration inhibitory factor (MIF)--the potential missing link. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2010, 103, 831-836.	0.2	181
119	Mechanisms and resistance in glucocorticoid control of inflammation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 120, 76-85.	1.2	264
120	Polymorphisms in the macrophage migration inhibitory factor gene and bone loss in postmenopausal women. <i>Bone</i> , 2010, 47, 424-429.	1.4	19
121	Association between functional promoter polymorphisms of macrophage migration inhibitory factor (MIF) gene and ulcerative colitis in Japan. <i>Cytokine</i> , 2010, 51, 173-177.	1.4	31
122	Analysis of MIF, FCGR2A and FCGR3A gene polymorphisms with susceptibility to pulmonary tuberculosis in Moroccan population. <i>Journal of Genetics and Genomics</i> , 2010, 37, 257-264.	1.7	28
123	Variants in CFTR untranslated regions are associated with congenital bilateral absence of the vas deferens. <i>Journal of Medical Genetics</i> , 2011, 48, 152-159.	1.5	22
124	MIF as a disease target: ISO-1 as a proof-of-concept therapeutic. <i>Future Medicinal Chemistry</i> , 2011, 3, 45-63.	1.1	87
125	Association between macrophage migration inhibitory factor promoter region polymorphism (-173 G/C) and cancer: a meta-analysis. <i>BMC Research Notes</i> , 2011, 4, 395.	0.6	11
126	Association of macrophage migration inhibitory factor (MIF) polymorphisms with risk of meningitis from <i>Streptococcus pneumoniae</i> . <i>Cytokine</i> , 2011, 53, 292-294.	1.4	20

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127	Distinct immunoregulatory properties of macrophage migration inhibitory factors encoded by <i>Eimeria</i> parasites and their chicken host. <i>Vaccine</i> , 2011, 29, 8998-9004.	1.7	18
128	Genetic predisposition to respiratory infection and sepsis. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2011, 48, 250-268.	2.7	31
130	Macrophage Migration Inhibitory Factor (MIF): A Key Player in Protozoan Infections. <i>International Journal of Biological Sciences</i> , 2011, 7, 1239-1256.	2.6	77
131	Glucocorticosteroids: current and future directions. <i>British Journal of Pharmacology</i> , 2011, 163, 29-43.	2.7	405
132	MIF: a key player in cutaneous biology and wound healing. <i>Experimental Dermatology</i> , 2011, 20, 1-6.	1.4	73
133	Enriched environment downregulates macrophage migration inhibitory factor and increases parvalbumin in the brain following experimental stroke. <i>Neurobiology of Disease</i> , 2011, 41, 270-278.	2.1	24
134	Lack of macrophage migration inhibitory factor in mice does not affect hallmarks of the inflammatory/immune response during the first week after stroke. <i>Journal of Neuroinflammation</i> , 2011, 8, 75.	3.1	29
135	Role of macrophage migration inhibitory factor in primary glioblastoma multiforme cells. <i>Journal of Neuroscience Research</i> , 2011, 89, 711-717.	1.3	36
136	Dual effect of the macrophage migration inhibitory factor gene on the development and severity of human systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2011, 63, 3942-3951.	6.7	106
137	A Small-Molecule Macrophage Migration Inhibitory Factor Antagonist Protects against Glomerulonephritis in Lupus-Prone NZB/NZW F1 and MRL/lpr Mice. <i>Journal of Immunology</i> , 2011, 186, 527-538.	0.4	128
138	Macrophage migration inhibitory factor (MIF) exerts antifibrotic effects in experimental liver fibrosis via CD74. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17444-17449.	3.3	133
139	A functional microsatellite of the macrophage migration inhibitory factor gene associated with meningococcal disease. <i>FASEB Journal</i> , 2012, 26, 907-916.	0.2	50
140	Role of Macrophage Migration Inhibitory Factor in the Proliferation of Smooth Muscle Cell in Pulmonary Hypertension. <i>Mediators of Inflammation</i> , 2012, 2012, 1-10.	1.4	37
141	MIF Produced by Bone Marrow-Derived Macrophages Contributes to Teratoma Progression after Embryonic Stem Cell Transplantation. <i>Cancer Research</i> , 2012, 72, 2867-2878.	0.4	40
142	The Role of MIF on Tumorigenicity of Embryonic Stem Cells. , 2012, , 305-318.		0
143	MIF, MIF Alleles, and the Regulation of the Host Response. , 2012, , 3-22.		0
144	A Novel Allosteric Inhibitor of Macrophage Migration Inhibitory Factor (MIF). <i>Journal of Biological Chemistry</i> , 2012, 287, 30653-30663.	1.6	55
145	Epigenetic Control of MIF Expression. , 2012, , 121-137.		0

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146	Regulation of MIF Gene Expression in the Lung. , 2012, , 139-160.		0
147	MIF and Pulmonary Disease. , 2012, , 231-239.		0
148	MIF in the Pathogenesis of Urological Cancer. , 2012, , 279-294.		0
149	Association of MIF with Autism Spectrum Disorders. , 2012, , 377-388.		0
150	Overview of Macrophage Migration Inhibitory Factor (MIF) as a Potential Biomarker Relevant to Adiposity. Journal of Traditional and Complementary Medicine, 2012, 2, 186-191.	1.5	7
151	Gastric cancer susceptibility in gastric cancer relatives: Attributable risks of Macrophage migration inhibitory factor promoter polymorphism and Helicobacter pylori. Cytokine, 2012, 60, 346-351.	1.4	13
152	Murine macrophages response to iron. Journal of Proteomics, 2012, 76, 10-27.	1.2	23
153	Influence of MIF, CD40, and CD226 polymorphisms on risk of rheumatoid arthritis. Molecular Biology Reports, 2012, 39, 6915-6922.	1.0	30
154	Study of the relationship between human MIF level, MIF-794CATT5-8 microsatellite polymorphism, and susceptibility of tuberculosis in Southwest China. Brazilian Journal of Infectious Diseases, 2012, 16, 383-386.	0.3	16
155	Macrophage migration-inhibitory factor is elevated in pregnant women with gestational diabetes mellitus. Gynecological Endocrinology, 2012, 28, 76-79.	0.7	15
156	Structural Studies of Small Molecule Inhibitors of MIF. , 2012, , 101-118.		1
157	D-dopachrome tautomerase (D-DT or MIF-2): Doubling the MIF cytokine family. Cytokine, 2012, 59, 10-17.	1.4	137
158	Molecular function of macrophage migration inhibitory factor and a novel therapy for inflammatory bowel disease. Annals of the New York Academy of Sciences, 2012, 1271, 53-57.	1.8	36
159	Macrophage Migration Inhibitory Factor Enzymatic Activity, Lung Inflammation, and Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 162-169.	2.5	46
160	Association of MIF ^{rs173G/C} and MBL2 codon 54 gene polymorphisms with rheumatoid arthritis: A meta-analysis. Human Immunology, 2012, 73, 966-971.	1.2	26
161	Association of tuberculosis and polymorphisms in the promoter region of macrophage migration inhibitory factor (MIF) in a Southwestern China Han population. Cytokine, 2012, 60, 64-67.	1.4	24
162	Reducing Bias of Allele Frequency Estimates by Modeling SNP Genotype Data with Informative Missingness. Frontiers in Genetics, 2012, 3, 107.	1.1	3
163	Macrophage migration inhibitory factor gene polymorphisms and plasma levels in children with obstructive sleep apnea. Pediatric Pulmonology, 2012, 47, 1001-1011.	1.0	19

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164	MIF, MIF Alleles, and Prospects for Therapeutic Intervention in Autoimmunity. <i>Journal of Clinical Immunology</i> , 2013, 33, 72-78.	2.0	64
165	Functional variants of MIF, INFG and TFNA genes are not associated with disease susceptibility or hearing loss progression in patients with Ménière's disease. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 1521-1529.	0.8	18
166	Genotyping of Macrophage Migration Inhibitory Factor (MIF) CATT5â€“8 Repeat Polymorphism by Denaturing High-Performance Liquid Chromatography (DHPLC). <i>Molecular Biotechnology</i> , 2013, 54, 874-879.	1.3	1
167	Variations in ncRNA gene LOC284889 and MIF-794CATT repeats are associated with malaria susceptibility in Indian populations. <i>Malaria Journal</i> , 2013, 12, 345.	0.8	11
168	MIF, CD74 and other partners in kidney disease: Tales of a promiscuous couple. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 23-40.	3.2	52
169	Lack of association between macrophage migration inhibitory factor gene promoter (âˆ“173 G/C) polymorphism and childhood Henochâ€“Schlâ€“lein purpura in Turkish patients. <i>Cytokine</i> , 2013, 62, 160-164.	1.4	6
170	Macrophage migration inhibitory factor (MIF): Genetic evidence for participation in early onset and early stage rheumatoid arthritis. <i>Cytokine</i> , 2013, 61, 759-765.	1.4	59
171	Association between MIF gene polymorphisms and carotid artery atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 319-322.	1.0	18
172	Molecular characterization, tissue distribution and functional analysis of macrophage migration inhibitory factor protein (MIF) in Chinese giant salamanders <i>Andrias davidianus</i> . <i>Developmental and Comparative Immunology</i> , 2013, 39, 161-168.	1.0	23
173	Macrophage migration inhibitory factor polymorphism and the risk of ulcerative colitis and Crohn's disease in Asian and European populations: a meta-analysis. <i>BMJ Open</i> , 2013, 3, e003729.	0.8	19
174	Role of Migratory Inhibition Factor in Age-Related Susceptibility to Radiation Lung Injury via NF-E2â€“Related Factorâ€“2 and Antioxidant Regulation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 269-278.	1.4	45
175	Association between <scp>MIF</scp> gene variation and <scp>Meniere's disease</scp>. <i>International Journal of Immunogenetics</i> , 2013, 40, 488-491.	0.8	19
176	A genetic role for macrophage migration inhibitory factor (MIF) in adult-onset Still's disease. <i>Arthritis Research and Therapy</i> , 2013, 15, R65.	1.6	51
177	The vascular biology of macrophage migration inhibitory factor (MIF). <i>Thrombosis and Haemostasis</i> , 2013, 109, 391-398.	1.8	85
178	Influence of the human MIF promoter polymorphism on hepatocellular carcinoma prognosis. <i>Genetics and Molecular Research</i> , 2013, 12, 6629-6635.	0.3	5
179	Dual Effect of a Polymorphism in the Macrophage Migration Inhibitory Factor Gene Is Associated with New-Onset Graves Disease in a Taiwanese Chinese Population. <i>PLoS ONE</i> , 2014, 9, e92849.	1.1	13
180	Impact of MIF Gene Promoter Polymorphism on F508del Cystic Fibrosis Patients. <i>PLoS ONE</i> , 2014, 9, e114274.	1.1	7
181	Analysis of the Relationship between Immune Dysfunction and Symptom Severity in Patients with Chronic Fatigue Syndrome/Myalgic Encephalomyelitis (CFS/ME). <i>Journal of Clinical & Cellular Immunology</i> , 2014, 05, .	1.5	7

#	ARTICLE	IF	CITATIONS
182	The Polymorphisms rs2516839 of USF1 and -173G/C of MIF were not Associated with Coronary Artery Disease but Dyslipidemia in a Chinese Population. <i>Journal of Cardiovascular Diseases & Diagnosis</i> , 2014, 02, .	0.0	1
183	Macrophage Migration Inhibitory Factor Is a Novel Determinant of Cigarette Smoke-Induced Lung Damage. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 94-103.	1.4	26
184	Macrophage migration inhibitory factor deficiency in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L487-L496.	1.3	43
185	Role of MIF in myocardial ischaemia and infarction: insight from recent clinical and experimental findings. <i>Clinical Science</i> , 2014, 127, 149-161.	1.8	45
186	Serum and salivary macrophage migration inhibitory factor in patients with oral squamous cell carcinoma. <i>Oncology Letters</i> , 2014, 8, 2267-2275.	0.8	24
187	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, 764-768.	1.9	22
188	Glucocorticoids and macrophage migration inhibitory factor (MIF) are neuroendocrine modulators of inflammation and neuropathic pain after spinal cord injury. <i>Seminars in Immunology</i> , 2014, 26, 409-414.	2.7	46
189	Proteomic profiling of lymphocytes in autoimmunity, inflammation and cancer. <i>Journal of Translational Medicine</i> , 2014, 12, 6.	1.8	13
190	Macrophage migration inhibitory factor: Association of $\text{rs}794\text{CATT}^{\text{8}}$ and $\text{rs}173\text{G}\&\text{C}$ polymorphisms with TNF- α in systemic lupus erythematosus. <i>Human Immunology</i> , 2014, 75, 433-439.	1.2	39
191	Developmental endothelial locus-1 inhibits MIF production through suppression of NF- κ B in macrophages. <i>International Journal of Molecular Medicine</i> , 2014, 33, 919-924.	1.8	10
192	MIF: Implications in the Pathoetiology of Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2015, 6, 577.	2.2	65
193	The association between the migration inhibitory factor -173G/C polymorphism and cancer risk: a meta-analysis. <i>OncoTargets and Therapy</i> , 2015, 8, 601.	1.0	22
194	Macrophage Migration Inhibitory Factor Promoter Polymorphisms ($\text{rs}794\text{CATT}^{\text{8}}$ and $\text{rs}173\text{G}\&\text{C}$) Tj ETQq0 0 0 rgBT /Overl Markers, 2015, 2015, 1-11.	0.6	19
195	Macrophage Migration Inhibitory Factor Polymorphism Is Associated with Susceptibility to Inflammatory Coronary Heart Disease. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	14
196	Macrophage migration inhibitory factor confers resistance to senescence through CD74-dependent AMPK-FOXO3a signaling in mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 82.	2.4	76
197	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-L10.	1.3	39
198	Macrophage migration inhibitory factor (MIF) is rendered enzymatically inactive by myeloperoxidase-derived oxidants but retains its immunomodulatory function. <i>Free Radical Biology and Medicine</i> , 2015, 89, 498-511.	1.3	19
199	Oxidative stress-mediated (sex-specific) loss of protection against type-2 diabetes by macrophage migration inhibitory factor (MIF) $\text{rs}173\text{G}\&\text{C}$ polymorphism. <i>Clinica Chimica Acta</i> , 2015, 438, 1-6.	0.5	22

#	ARTICLE	IF	CITATIONS
200	Impact of MIF Gene Promoter Variations on Risk of Rheumatic Heart Disease and Its Age of Onset in Saudi Arabian Patients. <i>Frontiers in Immunology</i> , 2016, 7, 98.	2.2	8
201	Transcriptome Profiling Reveals Disruption of Innate Immunity in Chronic Heavy Ethanol Consuming Female Rhesus Macaques. <i>PLoS ONE</i> , 2016, 11, e0159295.	1.1	35
202	Functional polymorphisms of macrophage migration inhibitory factor as predictors of morbidity and mortality of pneumococcal meningitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3597-3602.	3.3	55
203	The polymorphisms of a MIF gene and their association with <i>Vibrio</i> resistance in the clam <i>Meretrix meretrix</i> . <i>Developmental and Comparative Immunology</i> , 2016, 62, 116-126.	1.0	11
204	<i>MIF</i> 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.	3.3	54
205	Targeting MIF in Cancer: Therapeutic Strategies, Current Developments, and Future Opportunities. <i>Medicinal Research Reviews</i> , 2016, 36, 440-460.	5.0	108
206	Impact of host gene polymorphisms on susceptibility to chronic hepatitis B virus infection. <i>Infection, Genetics and Evolution</i> , 2016, 44, 94-105.	1.0	37
207	Association between high expression macrophage migration inhibitory factor (MIF) alleles and West Nile virus encephalitis. <i>Cytokine</i> , 2016, 78, 51-54.	1.4	14
208	Single nucleotide polymorphisms in cytokine MIF gene promoter region are closely associated with human susceptibility to tuberculosis in a southwestern province of China. <i>Infection, Genetics and Evolution</i> , 2016, 39, 219-224.	1.0	14
209	Macrophage migration inhibitory factor promoter polymorphisms (âˆ’794CATT ₅ âˆ’7) as potential biomarker for early-stage cervical cancer. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 571-579.	0.6	3
210	MIF family cytokines in cardiovascular diseases and prospects for precision-based therapeutics. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 671-683.	1.5	62
211	MIF Family Cytokines in Innate Immunity and Homeostasis. , 2017, , .		2
212	Association between the MIF-173G/C Polymorphism and Serum MIF levels with Pulmonary Tuberculosis: A Meta-analysis. <i>Scientific Reports</i> , 2017, 7, 234.	1.6	11
213	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.	3.3	83
214	The role of genetic analysis for predicting outcome of rheumatoid arthritis. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 809-814.	1.5	3
215	Macrophage migration inhibitory factor enhances <i>Pseudomonas aeruginosa</i> biofilm formation, potentially contributing to cystic fibrosis pathogenesis. <i>FASEB Journal</i> , 2017, 31, 5102-5110.	0.2	10
216	Influence of functional polymorphism in MIF promoter on sudden cardiac death in Chinese populations. <i>Forensic Sciences Research</i> , 2017, 2, 152-157.	0.9	5
217	MIF Inhibitor ISO-1 Protects Photoreceptors and Reduces Gliosis in Experimental Retinal Detachment. <i>Scientific Reports</i> , 2017, 7, 14336.	1.6	14

#	ARTICLE	IF	CITATIONS
218	Macrophage migration inhibitory factor promoter polymorphisms (âˆ’794 CATT5â€“8): Relationship with soluble MIF levels in coronary atherosclerotic disease subjects. BMC Cardiovascular Disorders, 2017, 17, 144.	0.7	9
219	The increased concentration of macrophage migration inhibitory factor in serum and cerebrospinal fluid of patients with tick-borne encephalitis. Journal of Neuroinflammation, 2017, 14, 126.	3.1	23
220	Macrophage Migration Inhibitory Factor (MIF) Gene Promotor Polymorphism Is Associated with Increased Fibrosis in Biliary Atresia Patients, but Not with Disease Susceptibility. Annals of Human Genetics, 2017, 81, 177-183.	0.3	10
221	Macrophage migration inhibitory factor: a potential driver and biomarker for head and neck squamous cell carcinoma. Oncotarget, 2017, 8, 10650-10661.	0.8	17
222	Evidence Based Targeting of Cytokines for Conventional and the Potential Phytotherapies in Management of Rheumatoid Arthritis. Journal of Arthritis, 2017, 06, .	0.3	0
223	Association study of MIF promoter polymorphisms with suicide completers in the Japanese population. Neuropsychiatric Disease and Treatment, 2017, Volume 13, 899-908.	1.0	9
224	Macrophage migration inhibitory factor rescues mesenchymal stem cells from doxorubicin-induced senescence through the PI3K-Akt signaling pathway. International Journal of Molecular Medicine, 2018, 41, 1127-1137.	1.8	23
225	Macrophage Migration Inhibitory Factor â€“173GC Variant Might Increase the Risk of BehÃ§etâ€™s Disease. Medical Principles and Practice, 2018, 27, 285-289.	1.1	2
226	MIF functional polymorphisms (-794 CATT5-8 and -173 G>C) are associated with MIF serum levels, severity and progression in male multiple sclerosis from western Mexican population. Journal of Neuroimmunology, 2018, 320, 117-124.	1.1	26
227	Review: The Tumorâ€“Like Phenotype of Rheumatoid Synovium: Molecular Profiling and Prospects for Precision Medicine. Arthritis and Rheumatology, 2018, 70, 637-652.	2.9	68
228	Increased serum levels and promoter polymorphisms of macrophage migration inhibitory factor in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 83, 33-41.	2.5	17
229	Biochemical and structural characterization of a novel cooperative binding mode by Pit-1 with CATT repeats in the macrophage migration inhibitory factor promoter. Nucleic Acids Research, 2018, 46, 929-941.	6.5	7
230	Emerging therapeutic biomarkers of autoimmune hepatitis and their impact on current and future management. Expert Review of Gastroenterology and Hepatology, 2018, 12, 547-564.	1.4	18
231	Influence of the MIF polymorphism âˆ’173Gâ€“C on Turkish postmenopausal women with osteoporosis. Zeitschrift Fur Rheumatologie, 2018, 77, 629-632.	0.5	5
232	Associations between circulating macrophage migration inhibitory factor (MIF) levels and rheumatoid arthritis, and between MIF gene polymorphisms and disease susceptibility: a meta-analysis. Postgraduate Medical Journal, 2018, 94, 109-115.	0.9	28
233	Advances and Insights for Small Molecule Inhibition of Macrophage Migration Inhibitory Factor. Journal of Medicinal Chemistry, 2018, 61, 8104-8119.	2.9	37
234	Role of Macrophage Migration Inhibitory Factor in Granulomatosis With Polyangiitis. Arthritis and Rheumatology, 2018, 70, 2077-2086.	2.9	12
235	Genetic Variant rs755622 Regulates Expression of the Multiple Sclerosis Severity Modifier D-Dopachrome Tautomerase in a Sex-Specific Way. BioMed Research International, 2018, 2018, 1-7.	0.9	18

#	ARTICLE	IF	CITATIONS
236	Macrophage Migration Inhibitory Factor -173 G/C Polymorphism: A Global Meta-Analysis across the Disease Spectrum. <i>Frontiers in Genetics</i> , 2018, 9, 55.	1.1	30
237	Metformin and Autoimmunity: A "New Deal" of an Old Drug. <i>Frontiers in Immunology</i> , 2018, 9, 1236.	2.2	131
238	Association of CD14 and macrophage migration inhibitory factor gene polymorphisms with inflammatory microRNAs expression levels in ankylosing spondylitis and polyarthralgia. <i>International Journal of Immunogenetics</i> , 2018, 45, 190-200.	0.8	5
239	Macrophage migration inhibitory factor (MIF) gene is associated with adolescents' cortisol reactivity and anxiety. <i>Psychoneuroendocrinology</i> , 2018, 95, 170-178.	1.3	6
240	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.	1.5	82
241	Genetic Variants in the Promoter Region of the Macrophage Migration Inhibitory Factor are Associated with the Severity of Hepatitis C Virus-Induced Liver Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3753.	1.8	5
242	Protective role of macrophage migration inhibitory factor ~173 G>C (rs755622) gene polymorphism in pediatric patients with dilated cardiomyopathy. <i>Gene Reports</i> , 2019, 16, 100455.	0.4	1
243	Macrophage Migration Inhibitory Factor (MIF) Expression Increases during Myocardial Infarction and Supports Pro-Inflammatory Signaling in Cardiac Fibroblasts. <i>Biomolecules</i> , 2019, 9, 38.	1.8	20
244	Measurement of serum macrophage migration inhibitory factor (MIF) and correlation with severity and pruritus scores in client owned dogs with atopic dermatitis. <i>Veterinary Dermatology</i> , 2019, 30, 115.	0.4	3
245	Evolving complexity of MIF signaling. <i>Cellular Signalling</i> , 2019, 57, 76-88.	1.7	132
246	The Smad3-miR-29b/miR-29c axis mediates the protective effect of macrophage migration inhibitory factor against cardiac fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2441-2450.	1.8	25
247	The immunobiology of MIF: function, genetics and prospects for precision medicine. <i>Nature Reviews Rheumatology</i> , 2019, 15, 427-437.	3.5	120
248	MIF promoter polymorphisms are associated with epiretinal membrane but not retinal detachment with PVR in an american population. <i>Experimental Eye Research</i> , 2019, 185, 107667.	1.2	5
249	Macrophage migration inhibitory factor regulates innate T cell responses via IL17 expression. <i>FASEB Journal</i> , 2019, 33, 6919-6932.	0.2	8
250	Variations in macrophage migration inhibitory factor gene are not associated with visceral leishmaniasis in India. <i>Journal of Infection and Public Health</i> , 2019, 12, 380-387.	1.9	4
251	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.	2.2	12
252	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.	1.0	17
253	Macrophage migration inhibitory factor plays an essential role in ischemic preconditioning-mediated cardioprotection. <i>Clinical Science</i> , 2019, 133, 665-680.	1.8	21

#	ARTICLE	IF	CITATIONS
254	A functional macrophage migration inhibitory factor promoter polymorphism is associated with reduced diffusing capacity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L400-L405.	1.3	6
255	Role of MIF and D-DT in immune-inflammatory, autoimmune, and chronic respiratory diseases: from pathogenic factors to therapeutic targets. <i>Drug Discovery Today</i> , 2019, 24, 428-439.	3.2	74
256	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.	1.4	11
257	Macrophage Migration Inhibitory Factor Levels Correlate with Stroke Recurrence in Patients with Ischemic Stroke. <i>Neurotoxicity Research</i> , 2019, 36, 1-11.	1.3	5
258	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.	0.6	9
259	MIF -173G/C polymorphism is associated with NMO disease severity. <i>Journal of Neuroimmunology</i> , 2020, 339, 577120.	1.1	2
260	Genetic regulation of gene expression of MIF family members in lung tissue. <i>Scientific Reports</i> , 2020, 10, 16980.	1.6	8
261	Macrophage inhibitory factor (MIF) gene polymorphisms are associated with disease susceptibility and with circulating MIF levels in active non-segmental vitiligo in patients from western Mexico. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1416.	0.6	15
262	The Macrophage Migration Inhibitory Factor (MIF) Promoter Polymorphisms (rs3063368, rs755622) Predict Acute Kidney Injury and Death after Cardiac Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 2936.	1.0	9
263	Immune modulation by the macrophage migration inhibitory factor (MIF) family: D-dopachrome tautomerase (DDT) is not (always) a backup system. <i>Cytokine</i> , 2020, 133, 155121.	1.4	11
264	MIF-173G/C (rs755622) polymorphism modulates coronary artery disease risk: evidence from a systematic meta-analysis. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 300.	0.7	7
265	Role of Host and Parasite MIF Cytokines during Leishmania Infection. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 46.	0.9	11
266	Unexpected Pro-Fibrotic Effect of MIF in Non-Alcoholic Steatohepatitis Is Linked to a Shift in NKT Cell Populations. <i>Cells</i> , 2021, 10, 252.	1.8	11
267	CD4+ T cells from children with active juvenile idiopathic arthritis show altered chromatin features associated with transcriptional abnormalities. <i>Scientific Reports</i> , 2021, 11, 4011.	1.6	5
268	Macrophage migration inhibitory factor promotes the migration of dendritic cells through CD74 and the activation of the Src/PI3K/myosin II pathway. <i>FASEB Journal</i> , 2021, 35, e21418.	0.2	20
269	Targeting Macrophage Migration Inhibitory Factor in Acute Pancreatitis and Pancreatic Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 638950.	1.6	16
270	Clozapine increases macrophage migration inhibitory factor (MIF) expression via increasing histone acetylation of MIF promoter in astrocytes. <i>Journal of Psychiatric Research</i> , 2021, 135, 237-242.	1.5	6
271	Single-nucleotide polymorphism and haplotype analysis of macrophage migration inhibitory factor gene and its correlation with serum macrophage migration inhibitory factor levels in North Indian psoriatic patients with moderate disease severity: A cross-sectional study. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2021, 89, 247-253.	0.2	6

#	ARTICLE	IF	CITATIONS
272	Recombinant <i>Mycobacterium smegmatis</i> delivering a fusion protein of human macrophage migration inhibitory factor (MIF) and IL-7 exerts an anticancer effect by inducing an immune response against MIF in a tumor-bearing mouse model. , 2021, 9, e003180.		11
273	ICBP90 Regulates MIF Expression, Glucocorticoid Sensitivity, and Apoptosis at the MIF Immune Susceptibility Locus. Arthritis and Rheumatology, 2021, 73, 1931-1942.	2.9	4
274	Preoperative Serum Macrophage Migration Inhibitory Factor Level Correlates with Surgical Difficulty and Outcome in Patients with Autoimmune Thyroiditis. Journal of Clinical Medicine, 2021, 10, 4034.	1.0	1
275	Glucocorticosteroids: current and future directions. British Journal of Pharmacology, 2011, 163, 29-43.	2.7	34
276	Genotyping Two Promoter Polymorphisms in the MIF Gene: A 794 CATT58 Microsatellite Repeat and a 173 G/C SNP. Methods in Molecular Biology, 2020, 2080, 67-84.	0.4	5
277	Role of MIF in Hepatic Inflammatory Diseases and Fibrosis. , 2017, , 109-134.		3
278	Macrophage Migration Inhibitory Factor (MIF)-Based Therapeutic Concepts in Atherosclerosis and Inflammation. Thrombosis and Haemostasis, 2019, 119, 553-566.	1.8	55
279	Abrogation of macrophage migration inhibitory factor decreases West Nile virus lethality by limiting viral neuroinvasion. Journal of Clinical Investigation, 2007, 117, 3059-3066.	3.9	135
280	Transcription factor ICBP90 regulates the MIF promoter and immune susceptibility locus. Journal of Clinical Investigation, 2016, 126, 732-744.	3.9	51
281	Macrophage migration inhibitory factor mediates metabolic dysfunction induced by atypical antipsychotic therapy. Journal of Clinical Investigation, 2018, 128, 4997-5007.	3.9	27
282	Increased TLR4 Expression and Downstream Cytokine Production in Immunosuppressed Adults Compared to Non-Immunosuppressed Adults. PLoS ONE, 2010, 5, e11343.	1.1	8
283	Association of Macrophage Migration Inhibitory Factor Polymorphisms with Total Plasma IgE Levels in Patients with Atopic Dermatitis in Korea. PLoS ONE, 2016, 11, e0162477.	1.1	8
284	Circulating macrophage migration inhibitory factor levels and its polymorphisms in systemic lupus erythematosus: A meta-analysis. Cellular and Molecular Biology, 2017, 63, 74-79.	0.3	11
285	Macrophage migration inhibitory factor -173 G/C polymorphism is associated with an increased risk of pulmonary tuberculosis in Zahedan, Southeast Iran. EXCLI Journal, 2015, 14, 117-22.	0.5	22
286	Molecular basis of mechanisms of steroid resistance in children with nephrotic syndrome.. Acta Biochimica Polonica, 2013, 60, .	0.3	14
287	Polymorphic variants of MIF gene and prognosis in steroid therapy in children with idiopathic nephrotic syndrome.. Acta Biochimica Polonica, 2014, 61, .	0.3	11
288	Macrophage migration inhibitory factor gene polymorphisms in inflammatory bowel disease: An association study in New Zealand Caucasians and meta-analysis. World Journal of Gastroenterology, 2013, 19, 6656.	1.4	17
289	Rheumatoid Arthritis: An Updated Overview of Latest Therapy and Drug Delivery. Journal of Pharmacopuncture, 2019, 22, 210-224.	0.4	38

#	ARTICLE	IF	CITATIONS
290	HIGHER PRODUCTION OF PERIPHERAL BLOOD MACROPHAGE MIGRATION INHIBITORY FACTOR IN HEALTHY CHILDREN WITH A HISTORY OF MILD MALARIA RELATIVE TO CHILDREN WITH A HISTORY OF SEVERE MALARIA. American Journal of Tropical Medicine and Hygiene, 2007, 76, 1033-1036.	0.6	18
291	Macrophage Migration Inhibitory Factor: a Potential Marker for Cancer Diagnosis and Therapy. Asian Pacific Journal of Cancer Prevention, 2012, 13, 1737-1744.	0.5	42
292	Macrophage migration inhibitory factor (MIF): A multifaceted cytokine regulated by genetic and physiological strategies. , 2022, 233, 108024.		63
293	Macrophage Migration Inhibitory Factor (MIF). , 2006, , 191-205.		1
294	Innate Immune Responses to West Nile Virus Infection. , 2009, , 169-187.		1
296	The role of TNF- α and TNF- β gene polymorphism in the pathogenesis of Rheumatoid Arthritis. Reviews in Health Care, 2013, 4, 29-53.	0.1	1
297	Influence of human MIF promoter polymorphism on hepatocellular carcinoma prognosis. Genetics and Molecular Research, 2013, 12, 6629-35.	0.3	3
298	Role of MIF in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. , 2017, , 97-107.		0
299	MIF and Pulmonary Disease. , 2017, , 135-144.		0
300	MIF Family Proteins in Cardiac Ischemia/Reperfusion Injury. , 2017, , 157-174.		0
301	Association of macrophage migration inhibitory factor gene - 173 G/C polymorphism with occurrence and severity of acute pancreatitis. Haydarpasa Numune Training and Research Hospital Medical Journal, 2019, , .	0.0	0
302	Role of SNPs and Haplotypes in Human Disease and Drug Development. , 2006, , 447-458.		2
303	Association of Macrophage Migration Inhibitory Factor Gene α 173 G/C Polymorphism (rs755622) with Familial Mediterranean Fever in Children. Journal of Pediatric Genetics, 0, , .	0.3	0
304	Pleiotropic role of macrophage migration inhibitory factor in cancer. American Journal of Cancer Research, 2019, 9, 2760-2773.	1.4	15
305	The Relationship between Functional Promoter Variants of Macrophage Migration Inhibitory Factor and Endometriosis. Cell Journal, 2021, 22, 450-456.	0.2	2
306	Morning Cortisol and Circulating Inflammatory Cytokine Levels: A Mendelian Randomisation Study. Genes, 2022, 13, 116.	1.0	6
307	Genetic Variation of Migration Inhibitory Factor Gene rs2070766 Is Associated With Acute Coronary Syndromes in Chinese Population. Frontiers in Genetics, 2021, 12, 750975.	1.1	5
308	Liver Fibrosis From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814496.	1.2	9

#	ARTICLE	IF	CITATIONS
309	Macrophage migration inhibitory factor gene promoter polymorphism (â~173G/C SNP) determines host susceptibility and severity of leptospirosis. <i>Microbial Pathogenesis</i> , 2022, 164, 105445.	1.3	0
310	The Immunogenetics of Systemic Sclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1367, 259-298.	0.8	4
311	Nematode Orthologs of Macrophage Migration Inhibitory Factor (MIF) as Modulators of the Host Immune Response and Potential Therapeutic Targets. <i>Pathogens</i> , 2022, 11, 258.	1.2	8
324	Association of gene polymorphisms with pemphigus vulgaris: a case-control study with comprehensive review of the literature.. <i>International Journal of Clinical and Experimental Pathology</i> , 2021, 14, 1080-1089.	0.5	0
325	Deep Insight into the Role of MIF in Spondyloarthritis. <i>Current Rheumatology Reports</i> , 2022, 24, 269-278.	2.1	2
326	Association Among MIF, IFIH1, and IL6 Gene Polymorphisms and Non-Segmental Vitiligo in a Chinese Han Population. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 0, Volume 15, 1597-1609.	0.8	1
327	Astaxanthin ameliorates serum level and spinal expression of macrophage migration inhibitory factor following spinal cord injury. <i>Behavioural Pharmacology</i> , 2022, 33, 505-512.	0.8	1
328	OxMIF: a druggable isoform of macrophage migration inhibitory factor in cancer and inflammatory diseases. , 2022, 10, e005475.		12
329	Stem cellâ€derived extracellular vesicles reduce the expression of molecules involved in cardiac hypertrophyâ€”In a model of human-induced pluripotent stem cell-derived cardiomyocytes. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	11
330	Dâ€dopachrome tautomerase in cardiovascular and inflammatory diseasesâ€”A new kid on the block or just another <sc>MIF</sc>?. <i>FASEB Journal</i> , 2022, 36, .	0.2	7
331	Dualistic roles and mechanistic insights of macrophage migration inhibitory factor in brain injury and neurodegenerative diseases. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 341-356.	2.4	3
332	The relevance of serum macrophage migratory inhibitory factor and cognitive dysfunction in patients with cerebral small vascular disease. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	2
333	Pathways linking aging and atheroprotection in <i>Mif</i>â€deficient atherosclerotic mice. <i>FASEB Journal</i> , 2023, 37, .	0.2	2
334	2,5-Pyridinedicarboxylic acid is a bioactive and highly selective inhibitor of D-dopachrome tautomerase. <i>Structure</i> , 2023, 31, 355-367.e4.	1.6	2
335	The role of MIF in periodontitis: A potential pathogenic driver, biomarker, and therapeutic target. <i>Oral Diseases</i> , 0, , .	1.5	2