

Lin Leng

List of Publications by Year in descending order

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98
papers

6,420
citations

101543

36
h-index

66911

78
g-index

100
all docs

100
docs citations

100
times ranked

6300
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular MIF, but not its homologue D-DT, promotes fibroblast motility independent of its receptor CD74/CD44. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	1
2	17 α -Estradiol late in life extends lifespan in aging UM \times HET3 male mice; nicotinamide riboside and three other drugs do not affect lifespan in either sex. <i>Aging Cell</i> , 2021, 20, e13328.	6.7	48
3	Role of MIF in coordinated expression of hepatic chemokines in patients with alcohol-associated hepatitis. <i>JCI Insight</i> , 2021, 6, .	5.0	5
4	Intravesical CD74 and CXCR4, macrophage migration inhibitory factor (MIF) receptors, mediate bladder pain. <i>PLoS ONE</i> , 2021, 16, e0255975.	2.5	6
5	ICBP90 Regulates <i>MIF</i> Expression, Glucocorticoid Sensitivity, and Apoptosis at the <i>MIF</i> Immune Susceptibility Locus. <i>Arthritis and Rheumatology</i> , 2021, 73, 1931-1942.	5.6	4
6	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.	12.4	28
7	MIF but not MIF-2 recruits inflammatory macrophages in an experimental polymicrobial sepsis model. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	29
8	Designed CXCR4 mimic acts as a soluble chemokine receptor that blocks atherogenic inflammation by agonist-specific targeting. <i>Nature Communications</i> , 2020, 11, 5981.	12.8	29
9	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.	2.4	9
10	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.	7.3	19
11	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.	4.8	92
12	Differential regulation of macrophage activation by the MIF cytokine superfamily members MIF and MIF α 2 in adipose tissue during endotoxemia. <i>FASEB Journal</i> , 2020, 34, 4219-4233.	0.5	24
13	Genotyping Two Promoter Polymorphisms in the MIF Gene: A \sim 794 CATT5 \times 8 Microsatellite Repeat and a \sim 173 G/C SNP. <i>Methods in Molecular Biology</i> , 2020, 2080, 67-84.	0.9	5
14	MIF \times CD74 Signaling Protects against Endothelial Senescence in Chronic Obstructive Pulmonary Disease. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
15	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.	0.2	0
16	Macrophage Migration Inhibitory Factor Regulates U1 Small Nuclear RNP Immune Complex \times Mediated Activation of the NLRP3 Inflammasome. <i>Arthritis and Rheumatology</i> , 2019, 71, 109-120.	5.6	59
17	The small molecule macrophage migration inhibitory factor antagonist MIF098, inhibits pulmonary hypertension associated with murine SLE. <i>International Immunopharmacology</i> , 2019, 76, 105874.	3.8	4
18	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.	3.4	20

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19	MiRNA Regulation of MIF in SLE and Attenuation of Murine Lupus Nephritis With miR-654. <i>Frontiers in Immunology</i> , 2019, 10, 2229.	4.8	35
20	MIF mediates bladder pain, not inflammation, in cyclophosphamide cystitis. <i>Cytokine: X</i> , 2019, 1, 100003.	1.4	6
21	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.	2.4	18
22	Macrophage migration inhibitory factor regulates innate $\beta\gamma$ T cell responses via IL-17 expression. <i>FASEB Journal</i> , 2019, 33, 6919-6932.	0.5	8
23	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.	4.8	12
24	Low expression Macrophage Migration Inhibitory Factor (MIF) alleles and tuberculosis in HIV infected South Africans. <i>Cytokine: X</i> , 2019, 1, 100004.	1.4	6
25	Spinal macrophage migration inhibitory factor and high mobility group box 1 mediate persistent bladder pain. <i>Neuroscience Letters</i> , 2019, 699, 54-58.	2.1	6
26	Cardiomyocyte d-dopachrome tautomerase protects against heart failure. <i>JCI Insight</i> , 2019, 4, .	5.0	19
27	Endothelial cell-secreted MIF reduces pericyte contractility and enhances neutrophil extravasation. <i>FASEB Journal</i> , 2019, 33, 2171-2186.	0.5	24
28	Macrophage migration inhibitory factor enhances influenza-associated mortality in mice. <i>JCI Insight</i> , 2019, 4, .	5.0	15
29	Nanosecond Dynamics Regulate the MIF-Induced Activity of CD74. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7116-7119.	13.8	32
30	Review: The Tumor-Like Phenotype of Rheumatoid Synovium: Molecular Profiling and Prospects for Precision Medicine. <i>Arthritis and Rheumatology</i> , 2018, 70, 637-652.	5.6	68
31	Macrophage Migration Inhibitory Factor (MIF) Drives Murine Psoriasiform Dermatitis. <i>Frontiers in Immunology</i> , 2018, 9, 2262.	4.8	20
32	Protease activated receptor 4 activation as a model of persistent bladder pain: Essential role of macrophage migration inhibitory factor and high mobility group box 1. <i>International Journal of Urology</i> , 2018, 25, 887-893.	1.0	6
33	The protective role of macrophage migration inhibitory factor in acute kidney injury after cardiac surgery. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	84
34	Neutralization of macrophage migration inhibitory factor improves host survival after <i>Clostridium difficile</i> infection. <i>Anaerobe</i> , 2018, 53, 56-63.	2.1	21
35	Role of Macrophage Migration Inhibitory Factor in Granulomatosis With Polyangiitis. <i>Arthritis and Rheumatology</i> , 2018, 70, 2077-2086.	5.6	12
36	Interaction Between Macrophage Migration Inhibitory Factor and CD74 in Human Immunodeficiency Virus Type 1 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.	4.8	8

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37	Macrophage migration inhibitory factor (MIF) gene is associated with adolescents' cortisol reactivity and anxiety. <i>Psychoneuroendocrinology</i> , 2018, 95, 170-178.	2.7	6
38	Nanosecond Dynamics Regulate the MIF-Induced Activity of CD74. <i>Angewandte Chemie</i> , 2018, 130, 7234-7237.	2.0	2
39	TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. <i>PLoS ONE</i> , 2018, 13, e0199391.	2.5	11
40	Macrophage migration inhibitory factor mediates metabolic dysfunction induced by atypical antipsychotic therapy. <i>Journal of Clinical Investigation</i> , 2018, 128, 4997-5007.	8.2	27
41	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.	2.7	36
42	MIF family cytokines in cardiovascular diseases and prospects for precision-based therapeutics. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 671-683.	3.4	62
43	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.	7.1	83
44	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.	0.5	10
45	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.	6.1	60
46	D-dopachrome tautomerase in adipose tissue inflammation and wound repair. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 35-45.	3.6	18
47	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.	4.8	29
48	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.	1.7	12
49	MIF-Mediated Hemodilution Promotes Pathogenic Anemia in Experimental African Trypanosomiasis. <i>PLoS Pathogens</i> , 2016, 12, e1005862.	4.7	20
50	The clinical significance of the MIF homolog d-dopachrome tautomerase (MIF-2) and its circulating receptor (sCD74) in burn. <i>Burns</i> , 2016, 42, 1265-1276.	1.9	18
51	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.	3.2	18
52	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.	2.3	26
53	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.	7.1	54
54	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, 1035-1043.	3.3	40

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55	Association between high expression macrophage migration inhibitory factor (MIF) alleles and West Nile virus encephalitis. <i>Cytokine</i> , 2016, 78, 51-54.	3.2	14
56	Transcription factor ICBP90 regulates the MIF promoter and immune susceptibility locus. <i>Journal of Clinical Investigation</i> , 2016, 126, 732-744.	8.2	51
57	Macrophage Migration Inhibitory Factor Is Detrimental in Pneumococcal Pneumonia and a Target for Therapeutic Immunomodulation. <i>Journal of Infectious Diseases</i> , 2015, 212, 1677-1682.	4.0	30
58	Endothelial CD74 mediates macrophage migration inhibitory factor protection in hyperoxic lung injury. <i>FASEB Journal</i> , 2015, 29, 1940-1949.	0.5	39
59	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, 865-879.	5.4	58
60	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.	7.1	28
61	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.	0.8	15
62	Multi-Dimensional Health Assessment Questionnaire in China: Reliability, Validity and Clinical Value in Patients with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e97952.	2.5	4
63	Construct and Criterion Validity of the Euro QoL-5D in Patients with Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2014, 9, e98883.	2.5	24
64	Macrophage Migration Inhibitory Factor (MIF) Enzymatic Activity and Lung Cancer. <i>Molecular Medicine</i> , 2014, 20, 729-735.	4.4	47
65	1677Macrophage migration inhibitory factor (MIF) promotes clearance of pneumococcal colonization. <i>Open Forum Infectious Diseases</i> , 2014, 1, S448-S448.	0.9	0
66	MIF Contributes to <i>Trypanosoma brucei</i> Associated Immunopathogenicity Development. <i>PLoS Pathogens</i> , 2014, 10, e1004414.	4.7	45
67	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.	4.0	22
68	<i>Ostertagia ostertagi</i> 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, 355-367.	3.1	20
69	Crystallographic and Receptor Binding Characterization of <i>Plasmodium falciparum</i> Macrophage Migration Inhibitory Factor Complexed to Two Potent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8652-8656.	6.4	18
70	The role of macrophage migration inhibitory factor in autoimmune liver disease. <i>Hepatology</i> , 2014, 59, 580-591.	7.3	86
71	Macrophage Migration Inhibitory Factor Promotes Clearance of Pneumococcal Colonization. <i>Journal of Immunology</i> , 2014, 193, 764-772.	0.8	33
72	The vestigial enzyme D-dopachrome tautomerase protects the heart against ischemic injury. <i>Journal of Clinical Investigation</i> , 2014, 124, 3540-3550.	8.2	59

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73	Macrophage migration inhibitory factor (MIF) is a critical mediator of the innate immune response to <i>Mycobacterium tuberculosis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2997-3006.	7.1	120
74	A <i>Plasmodium</i> -encoded cytokine suppresses T-cell immunity during malaria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2117-26.	7.1	71
75	Virtual Screening and Optimization Yield Low-Nanomolar Inhibitors of the Tautomerase Activity of <i>Plasmodium falciparum</i> Macrophage Migration Inhibitory Factor. Journal of Medicinal Chemistry, 2012, 55, 10148-10159.	6.4	33
76	The <i>D</i> -dopachrome tautomerase (<i>DDT</i>) 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.	7.1	185
77	Dual effect of the macrophage migration inhibitory factor gene on the development and severity of human systemic lupus erythematosus. Arthritis and Rheumatism, 2011, 63, 3942-3951.	6.7	106
78	A Small-Molecule Macrophage Migration Inhibitory Factor Antagonist Protects against Glomerulonephritis in Lupus-Prone NZB/NZW F1 and MRL/lpr Mice. Journal of Immunology, 2011, 186, 527-538.	0.8	128
79	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.	7.1	133
80	Elevated levels of macrophage migration inhibitory factor (MIF) in the plasma of HIV-1-infected patients and in HIV-1-infected cell cultures: A relevant role on viral replication. Virology, 2010, 399, 31-38.	2.4	39
81	Allosteric inhibition of macrophage migration inhibitory factor revealed by ibudilast. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11313-11318.	7.1	164
82	MIF-AMPK cascades. Nature Precedings, 2009, , .	0.1	0
83	Ribosomal Protein S19 Interacts with Macrophage Migration Inhibitory Factor and Attenuates Its Pro-inflammatory Function. Journal of Biological Chemistry, 2009, 284, 7977-7985.	3.4	64
84	The influence of macrophage migration inhibitory factor gene polymorphisms on outcome from community-acquired pneumonia. FASEB Journal, 2009, 23, 2403-2411.	0.5	87
85	The Golgi-Associated Protein p115 Mediates the Secretion of Macrophage Migration Inhibitory Factor. Journal of Immunology, 2009, 182, 6896-6906.	0.8	106
86	<i>MIF</i> (Macrophage Migration Inhibitory Factor) Promoter Polymorphisms and Susceptibility to Severe Malarial Anemia. Journal of Infectious Diseases, 2009, 200, 629-637.	4.0	70
87	Discovery of Human Macrophage Migration Inhibitory Factor (MIF)-CD74 Antagonists via Virtual Screening. Journal of Medicinal Chemistry, 2009, 52, 416-424.	6.4	122
88	Glucocorticoid-induced MIF expression by human CEM T cells. Cytokine, 2009, 48, 177-185.	3.2	31
89	A <i>Leishmania</i> Ortholog of Macrophage Migration Inhibitory Factor Modulates Host Macrophage Responses. Journal of Immunology, 2008, 180, 8250-8261.	0.8	92
90	A Novel, Macrophage Migration Inhibitory Factor Suicide Substrate Inhibits Motility and Growth of Lung Cancer Cells. Cancer Research, 2008, 68, 7253-7257.	0.9	135

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91	Aging-associated Alteration in the Cardiac MIF-AMPK Cascade in Response to Ischemic Stress. <i>Nature Precedings</i> , 2008, , .	0.1	0
92	MIF Receptor-mediated Signal Transduction. , 2007, , 95-106.		1
93	MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. <i>Nature Medicine</i> , 2007, 13, 587-596.	30.7	1,065
94	CD44 Is the Signaling Component of the Macrophage Migration Inhibitory Factor-CD74 Receptor Complex. <i>Immunity</i> , 2006, 25, 595-606.	14.3	539
95	Insight into the biology of Macrophage Migration Inhibitory Factor (MIF) revealed by the cloning of its cell surface receptor. <i>Cell Research</i> , 2006, 16, 162-168.	12.0	66
96	Macrophage migration inhibitory factor. <i>Critical Care Medicine</i> , 2005, 33, S475-S477.	0.9	117
97	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.	14.5	90
98	MIF Signal Transduction Initiated by Binding to CD74. <i>Journal of Experimental Medicine</i> , 2003, 197, 1467-1476.	8.5	949