

# O M Zack Howard

## List of Publications by Year in descending order

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114  
papers

10,886  
citations

30047

54  
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30058

103  
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116  
all docs

116  
docs citations

116  
times ranked

12425  
citing authors

#	ARTICLE	IF	CITATIONS
1	US National Cancer Instituteâ€œChina Collaborative Studies on Chinese Medicine and Cancer. Journal of the National Cancer Institute Monographs, 2017, 2017, .	0.9	5
2	IKKÎ± is required for the homeostasis of regulatory T cells and for the expansion of both regulatory and effector CD4 T cells. FASEB Journal, 2015, 29, 443-454.	0.2	41
3	Leukocyte-derived koebnerisin (S100A15) and psoriasin (S100A7) are systemic mediators of inflammation in psoriasis. Journal of Dermatological Science, 2015, 79, 214-221.	1.0	42
4	In vitro generated Th17 cells support the expansion and phenotypic stability of CD4+Foxp3+ regulatory T cells in vivo. Cytokine, 2014, 65, 56-64.	1.4	20
5	Fufang Kushen injection inhibits sarcoma growth and tumor-induced hyperalgesia via TRPV1 signaling pathways. Cancer Letters, 2014, 355, 232-241.	3.2	63
6	The Alarmin HMGN1 Contributes to Antitumor Immunity and Is a Potent Immunoadjuvant. Cancer Research, 2014, 74, 5989-5998.	0.4	56
7	TNFR2 Is Critical for the Stabilization of the CD4+Foxp3+ Regulatory T Cell Phenotype in the Inflammatory Environment. Journal of Immunology, 2013, 190, 1076-1084.	0.4	244
8	Î²-Defensin 2 and 3 Promote the Uptake of Self or CpG DNA, Enhance IFN-Î± Production by Human Plasmacytoid Dendritic Cells, and Promote Inflammation. Journal of Immunology, 2013, 191, 865-874.	0.4	98
9	Alarminâ€œinduced cell migration. European Journal of Immunology, 2013, 43, 1412-1418.	1.6	26
10	Monocyte Chemoattractant Protein-1/CCL2 Produced by Stromal Cells Promotes Lung Metastasis of 4T1 Murine Breast Cancer Cells. PLoS ONE, 2013, 8, e58791.	1.1	86
11	Inducible NOS-induced chloride intracellular channel 4 (CLIC4) nuclear translocation regulates macrophage deactivation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6130-6135.	3.3	56
12	Melanoma cell-derived exosomes alter macrophage and dendritic cell functions in vitro. Immunology Letters, 2012, 148, 34-38.	1.1	96
13	Interleukin-8-like activity in a filarial asparaginyl-tRNA synthetase. Molecular and Biochemical Parasitology, 2012, 185, 66-69.	0.5	19
14	Structural plasticity of a transmembrane peptide allows self-assembly into biologically active nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9798-9803.	3.3	45
15	Myeloid cells migrate in response to IL-24. Cytokine, 2011, 55, 429-434.	1.4	20
16	Painful Pathways Induced by TLR Stimulation of Dorsal Root Ganglion Neurons. Journal of Immunology, 2011, 186, 6417-6426.	0.4	143
17	Coâ€œexpression of TNFR2 and CD25 identifies more of the functional CD4 <sup>+</sup> FOXP3 <sup>+</sup> regulatory T cells in human peripheral blood. European Journal of Immunology, 2010, 40, 1099-1106.	1.6	185
18	The G-protein-coupled formylpeptide receptor FPR confers a more invasive phenotype on human glioblastoma cells. British Journal of Cancer, 2010, 102, 1052-1060.	2.9	60

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19	Gene from a Psoriasis Susceptibility Locus Primes the Skin for Inflammation. <i>Science Translational Medicine</i> , 2010, 2, 61ra90.	5.8	66
20	Expression of Costimulatory TNFR2 Induces Resistance of CD4+FoxP3 <sup>hi</sup> Conventional T Cells to Suppression by CD4+FoxP3 <sup>lo</sup> Regulatory T Cells. <i>Journal of Immunology</i> , 2010, 185, 174-182.	0.4	117
21	Regulation of the leucocyte chemoattractant receptor FPR in glioblastoma cells by cell differentiation. <i>Carcinogenesis</i> , 2009, 30, 348-355.	1.3	23
22	An Inhibitor of CCL2-Induced Chemotaxis from the Fungus <i>Leptoxyphium</i> sp.. <i>Journal of Natural Products</i> , 2009, 72, 1369-1372.	1.5	11
23	Cutting Edge: Expression of TNFR2 Defines a Maximally Suppressive Subset of Mouse CD4+CD25+FoxP3+ T Regulatory Cells: Applicability to Tumor-Infiltrating T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 180, 6467-6471.	0.4	280
24	Chemotactic Activity of S100A7 (Psoriasin) Is Mediated by the Receptor for Advanced Glycation End Products and Potentiates Inflammation with Highly Homologous but Functionally Distinct S100A15. <i>Journal of Immunology</i> , 2008, 181, 1499-1506.	0.4	156
25	Pertussis Toxin by Inducing IL-6 Promotes the Generation of IL-17-Producing CD4 Cells. <i>Journal of Immunology</i> , 2007, 178, 6123-6129.	0.4	88
26	Interaction of TNF with TNF Receptor Type 2 Promotes Expansion and Function of Mouse CD4+CD25+ T Regulatory Cells. <i>Journal of Immunology</i> , 2007, 179, 154-161.	0.4	464
27	Transactivation of the Epidermal Growth Factor Receptor by Formylpeptide Receptor Exacerbates the Malignant Behavior of Human Glioblastoma Cells. <i>Cancer Research</i> , 2007, 67, 5906-5913.	0.4	61
28	Functional and genomic analyses of FOXP3-transduced Jurkat-T cells as regulatory T (Treg)-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 44-50.	1.0	20
29	Rapamycin inhibits differentiation of Th17 cells and promotes generation of FoxP3+ T regulatory cells. <i>International Immunopharmacology</i> , 2007, 7, 1819-1824.	1.7	230
30	Biology of chemokines. , 2006, , 7-38.		0
31	Autoantigen signalling through chemokine receptors. <i>Current Opinion in Rheumatology</i> , 2006, 18, 642-646.	2.0	9
32	Pertussis toxin as an adjuvant suppresses the number and function of CD4+CD25+ T regulatory cells. <i>European Journal of Immunology</i> , 2006, 36, 671-680.	1.6	96
33	Glucocorticoid amplifies IL-2-dependent expansion of functional FoxP3+CD4+CD25+ T regulatory cells in vivo and enhances their capacity to suppress EAE. <i>European Journal of Immunology</i> , 2006, 36, 2139-2149.	1.6	206
34	The Scaffold Protein Cybr Is Required for Cytokine-Modulated Trafficking of Leukocytes In Vivo. <i>Molecular and Cellular Biology</i> , 2006, 26, 5249-5258.	1.1	21
35	<i>Brugia malayi</i> Asparaginyl-tRNA Synthetase Induces Chemotaxis of Human Leukocytes and Activates Coupled Receptors CXCR1 and CXCR2. <i>Journal of Infectious Diseases</i> , 2006, 193, 1164-1171.	1.9	31
36	Autoantigens signal through chemokine receptors: uveitis antigens induce CXCR3- and CXCR5-expressing lymphocytes and immature dendritic cells to migrate. <i>Blood</i> , 2005, 105, 4207-4214.	0.6	38

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37	Negative regulation of CXCR4-mediated chemotaxis by the lipid phosphatase activity of tumor suppressor PTEN. <i>Blood</i> , 2005, 106, 2619-2626.	0.6	41
38	Triptolide, a constituent of immunosuppressive Chinese herbal medicine, is a potent suppressor of dendritic-cell maturation and trafficking. <i>Blood</i> , 2005, 106, 2409-2416.	0.6	69
39	Variants of CCR5, which are permissive for HIV-1 infection, show distinct functional responses to CCL3, CCL4 and CCL5. <i>Genes and Immunity</i> , 2005, 6, 609-619.	2.2	13
40	BALB/c mice have more CD4+CD25+ T regulatory cells and show greater susceptibility to suppression of their CD4+CD25- responder T cells than C57BL/6 mice. <i>Journal of Leukocyte Biology</i> , 2005, 78, 114-121.	1.5	101
41	Autoantigens act as tissue-specific chemoattractants. <i>Journal of Leukocyte Biology</i> , 2005, 77, 854-861.	1.5	45
42	Formylpeptide Receptor FPR and the Rapid Growth of Malignant Human Gliomas. <i>Journal of the National Cancer Institute</i> , 2005, 97, 823-835.	3.0	115
43	Human Tumor Antigen MUC1 Is Chemotactic for Immature Dendritic Cells and Elicits Maturation but Does Not Promote Th1 Type Immunity. <i>Journal of Immunology</i> , 2005, 175, 1628-1635.	0.4	96
44	Triptolide Attenuates Endotoxin- and Staphylococcal Exotoxin-Induced T-Cell Proliferation and Production of Cytokines and Chemokines. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 53-66.	1.1	39
45	Triptolide Attenuates Endotoxin- and Staphylococcal Exotoxin-Induced T-Cell Proliferation and Production of Cytokines and Chemokines. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 53-66.	1.1	2
46	Human Ribonuclease A Superfamily Members, Eosinophil-Derived Neurotoxin and Pancreatic Ribonuclease, Induce Dendritic Cell Maturation and Activation. <i>Journal of Immunology</i> , 2004, 173, 6134-6142.	0.4	142
47	Selenium Deficiency Abrogates Inflammation-Dependent Plasma Cell Tumors in Mice. <i>Cancer Research</i> , 2004, 64, 2910-2917.	0.4	35
48	Suppression of breast cancer by chemical modulation of vulnerable zinc fingers in estrogen receptor. <i>Nature Medicine</i> , 2004, 10, 40-47.	15.2	76
49	Effects of IL-7 and dexamethasone: Induction of CD25, the high affinity IL-2 receptor, on human CD4+ cells. <i>Cellular Immunology</i> , 2004, 232, 57-63.	1.4	15
50	Yin Zi Huang, an Injectable Multicomponent Chinese Herbal Medicine, Is a Potent Inhibitor of T-Cell Activation. <i>Journal of Alternative and Complementary Medicine</i> , 2004, 10, 519-526.	2.1	22
51	Up-regulated expression and activation of the orphan chemokine receptor, CCRL2, in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 1806-1814.	6.7	68
52	Differential response of murine CD4+CD25+ and CD4+CD25- T cells to dexamethasone-induced cell death. <i>European Journal of Immunology</i> , 2004, 34, 859-869.	1.6	173
53	Functional redundancy of the human CCL4 and CCL4L1 chemokine genes. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 927-931.	1.0	21
54	An Expanding Appreciation of the Role Chemokine Receptors Play in Cancer Progression. <i>Current Pharmaceutical Design</i> , 2004, 10, 2377-2389.	0.9	15

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55	Shikonin, a Component of Chinese Herbal Medicine, Inhibits Chemokine Receptor Function and Suppresses Human Immunodeficiency Virus Type 1. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2810-2816.	1.4	203
56	Selective inactivation of CCR5 and decreased infectivity of R5 HIV-1 strains mediated by opioid-induced heterologous desensitization. <i>Journal of Leukocyte Biology</i> , 2003, 74, 1074-1082.	1.5	81
57	Effects of astragali radix on the growth of different cancer cell lines. <i>World Journal of Gastroenterology</i> , 2003, 9, 670.	1.4	39
58	Heterologous desensitization of opioid receptors by chemokines inhibits chemotaxis and enhances the perception of pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10276-10281.	3.3	250
59	Histidyl-tRNA Synthetase and Asparaginyl-tRNA Synthetase, Autoantigens in Myositis, Activate Chemokine Receptors on T Lymphocytes and Immature Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 781-791.	4.2	246
60	Chemokine receptors on dendritic cells promote autoimmune reactions. <i>Arthritis Research</i> , 2002, 4, S183.	2.0	24
61	Effects of Shuanghuanglian and Qingkailing, two multi-components of traditional Chinese medicinal preparations, on human leukocyte function. <i>Life Sciences</i> , 2002, 70, 2897-2913.	2.0	53
62	Regulatory effects of deoxycholic acid, a component of the anti-inflammatory traditional Chinese medicine Niu Huang, on human leukocyte response to chemoattractants. <i>Biochemical Pharmacology</i> , 2002, 63, 533-541.	2.0	33
63	Cellular pharmacology studies of shikonin derivatives. <i>Phytotherapy Research</i> , 2002, 16, 199-209.	2.8	362
64	Shikonin, a component of antiinflammatory Chinese herbal medicine, selectively blocks chemokine binding to CC chemokine receptor-1. <i>International Immunopharmacology</i> , 2001, 1, 229-236.	1.7	60
65	Inhibitors of monocyte chemoattractant protein-1/CC ligand 2 and its receptor CCR2. <i>Expert Opinion on Therapeutic Patents</i> , 2001, 11, 1147-1151.	2.4	3
66	Inhibition of RANTES/CCR1-mediated chemotaxis by cosalane and related compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 59-62.	1.0	6
67	The diverse role of chemokines in tumor progression: Prospects for intervention (Review). <i>International Journal of Molecular Medicine</i> , 2001, 8, 235-44.	1.8	16
68	Interactions of Opioid Receptors, Chemokines, and Chemokine Receptors. , 2001, 493, 69-74.		9
69	Leukocyte granule proteins mobilize innate host defenses and adaptive immune responses. <i>Immunological Reviews</i> , 2000, 177, 68-78.	2.8	177
70	Characterization of chenodeoxycholic acid as an endogenous antagonist of the G-coupled formyl peptide receptors. <i>Inflammation Research</i> , 2000, 49, 744-755.	1.6	53
71	LEC induces chemotaxis and adhesion by interacting with CCR1 and CCR8. <i>Blood</i> , 2000, 96, 840-845.	0.6	48
72	Differential Regulation of Responsiveness to fMLP and C5a Upon Dendritic Cell Maturation: Correlation with Receptor Expression. <i>Journal of Immunology</i> , 2000, 165, 2694-2702.	0.4	64

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73	Inhibitors of HIV cellular fusion. Expert Opinion on Therapeutic Patents, 2000, 10, 1899-1909.	2.4	3
74	Bidirectional Heterologous Desensitization of Opioid and Chemokine Receptors. Annals of the New York Academy of Sciences, 2000, 917, 19-28.	1.8	78
75	LEC induces chemotaxis and adhesion by interacting with CCR1 and CCR8. Blood, 2000, 96, 840-845.	0.6	2
76	Inhibition of the Expression and Function of Chemokine Receptors on Human CD4+ Leukocytes by HIV-1 Envelope Protein gp120. , 1999, 72, 141-160.		15
77	Naturally Occurring CCR5 Extracellular and Transmembrane Domain Variants Affect HIV-1 Co-receptor and Ligand Binding Function. Journal of Biological Chemistry, 1999, 274, 16228-16234.	1.6	65
78	Thioredoxin, a Redox Enzyme Released in Infection and Inflammation, Is a Unique Chemoattractant for Neutrophils, Monocytes, and T Cells. Journal of Experimental Medicine, 1999, 189, 1783-1789.	4.2	303
79	Chemokines as molecular targets for therapeutic intervention. Journal of Clinical Immunology, 1999, 19, 280-292.	2.0	46
80	Î²-Defensins: Linking Innate and Adaptive Immunity Through Dendritic and T Cell CCR6. Science, 1999, 286, 525-528.	6.0	1,675
81	Vascular Endothelial Growth Factor and Basic Fibroblast Growth Factor Induce Expression of CXCR4 on Human Endothelial Cells. American Journal of Pathology, 1999, 154, 1125-1135.	1.9	518
82	CD27 SIGNALS THROUGH PKC IN HUMAN B CELL LYMPHOMAS. Cytokine, 1999, 11, 476-484.	1.4	6
83	Cutting edge: immature dendritic cells generated from monocytes in the presence of TGF-beta 1 express functional C-C chemokine receptor 6. Journal of Immunology, 1999, 163, 1737-41.	0.4	77
84	Reduced risk of AIDS lymphoma in individuals heterozygous for the CCR5-delta32 mutation. Cancer Research, 1999, 59, 3561-4.	0.4	63
85	Opiate Inhibition of Chemokine-Induced Chemotaxis. Annals of the New York Academy of Sciences, 1998, 840, 9-20.	1.8	71
86	Inhibition of in Vitro and in Vivo HIV Replication by a Distamycin Analogue That Interferes with Chemokine Receptor Function: A Candidate for Chemotherapeutic and Microbicidal Application. Journal of Medicinal Chemistry, 1998, 41, 2184-2193.	2.9	79
87	Opiates Transdeactivate Chemokine Receptors: Î² and Î¼ Opiate Receptor-mediated Heterologous Desensitization. Journal of Experimental Medicine, 1998, 188, 317-325.	4.2	201
88	Monocyte Chemotactic Protein-2 Activates CCR5 and Blocks CD4/CCR5-mediated HIV-1 Entry/Replication. Journal of Biological Chemistry, 1998, 273, 4289-4292.	1.6	124
89	Small molecule inhibitor of HIV-1 cell fusion blocks chemokine receptor-mediated function. Journal of Leukocyte Biology, 1998, 64, 6-13.	1.5	42
90	HIV-1 envelope gp41 is a potent inhibitor of chemoattractant receptor expression and function in monocytes.. Journal of Clinical Investigation, 1998, 102, 804-812.	3.9	27

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91	The chemokine kidnapping receptor of HHV8.. Journal of Clinical Investigation, 1998, 102, 1467-1468.	3.9	3
92	Monocyte Chemotactic Protein-2 (MCP-2) Uses CCR1 AND CCR2B as Its Functional Receptors. Journal of Biological Chemistry, 1997, 272, 11682-11685.	1.6	120
93	Identification of Human Neutrophil-derived Cathepsin G and Azurocidin/CAP37 as Chemoattractants for Mononuclear Cells and Neutrophils. Journal of Experimental Medicine, 1997, 186, 739-747.	4.2	229
94	The differential ability of IL-8 and neutrophil-activating peptide-2 to induce attenuation of chemotaxis is mediated by their divergent capabilities to phosphorylate CXCR2 (IL-8 receptor B). Journal of Immunology, 1997, 158, 5927-33.	0.4	33
95	Prolactin recruits STAT1, STAT3 and STAT5 independent of conserved receptor tyrosines TYR402, TYR479, TYR515 and TYR580. Molecular and Cellular Endocrinology, 1996, 117, 131-140.	1.6	157
96	Chemokines: progress toward identifying molecular targets for therapeutic agents. Trends in Biotechnology, 1996, 14, 46-51.	4.9	118
97	Structural domains of interleukin-2 receptor $\hat{\text{I}}^2$ critical for signal transduction: kinase association and nuclear complex-formation. Biochemical Journal, 1995, 306, 217-224.	1.7	21
98	Confirmed assignment of a novel human tyrosine kinase gene (JAK1A) to 1p32.3â†p31.3 by nonisotopic in situ hybridization. Cytogenetic and Genome Research, 1995, 69, 232-234.	0.6	3
99	Analysis of Interleukin-2-dependent Signal Transduction through the Shc/Grb2 Adapter Pathway. Journal of Biological Chemistry, 1995, 270, 28858-28863.	1.6	70
100	Activation of JAK3, but not JAK1, is critical for IL-2-induced proliferation and STAT5 recruitment by a COOH-terminal region of the IL-2 receptor $\hat{\text{I}}^2$ -chain. Cytokine, 1995, 7, 689-700.	1.4	85
101	Involvement of JAK-family tyrosine kinases in hematopoietin receptor signal transduction. Progress in Growth Factor Research, 1994, 5, 195-211.	1.7	13
102	Growth signaling and JAK2 association mediated by membrane-proximal cytoplasmic regions of prolactin receptors. Journal of Biological Chemistry, 1994, 269, 18267-70.	1.6	109
103	Pervanadate simulates the effects of interleukin-2 (IL-2) in human T cells and provides evidence for the activation of two distinct tyrosine kinase pathways by IL-2. Journal of Biological Chemistry, 1994, 269, 23407-12.	1.6	45
104	Soluble tumor necrosis factor receptor: inhibition of human immunodeficiency virus activation.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 2335-2339.	3.3	50
105	Interleukin-2 induces tyrosine phosphorylation of the vav proto-oncogene product in human T cells: lack of requirement for the tyrosine kinase lck. Biochemical Journal, 1993, 294, 339-342.	1.7	55
106	New Directions in the Biology and Therapy of Chronic Myeloid Leukemia. Leukemia and Lymphoma, 1992, 6, 89-95.	0.6	5
107	Characterization of a class 3 tyrosine kinase. Oncogene, 1992, 7, 895-900.	2.6	14
108	A phosphatase activity present in peripheral blood myeloid cells of chronic myelogenous leukemia patients but not normal individuals alters nuclear protein binding to transcriptional enhancers of interferon-inducible genes.. Journal of Clinical Investigation, 1990, 86, 1664-1670.	3.9	5

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109	Interferon affects nuclear proteins in cells of clinically sensitive chronic myelogenous leukemia patients. <i>Blood</i> , 1990, 76, 1117-30.	0.6	1
110	5' region of zeta-globin and GMCSF genes share binding site for nuclear proteins. <i>Transactions of the Association of American Physicians</i> , 1988, 101, 180-4.	0.1	0
111	The eighth component of human complement: evidence that it is an oligomeric serum protein assembled from products of three different genes. <i>Biochemistry</i> , 1987, 26, 5229-5233.	1.2	80
112	Complementary DNA and derived amino acid sequence of the .beta. subunit of human complement protein C8: identification of a close structural and ancestral relationship to the .alpha. subunit and C9. <i>Biochemistry</i> , 1987, 26, 3565-3570.	1.2	114
113	Complementary DNA and derived amino acid sequence of the .alpha. subunit of human complement protein C8: evidence for the existence of a separate .alpha. subunit messenger RNA. <i>Biochemistry</i> , 1987, 26, 3556-3564.	1.2	121
114	Mg <sup>2+</sup> - or Mn <sup>2+</sup> -dependent p-nitrophenylphosphatase activity is present in ehrlich ascites tumor cells. <i>Archives of Biochemistry and Biophysics</i> , 1984, 232, 214-222.	1.4	2