

Gerald Weissmann

List of Publications by Year in descending order

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86
papers

8,321
citations

50276
46
h-index

69250
77
g-index

92
all docs

92
docs citations

92
times ranked

2112
citing authors

#	ARTICLE	IF	CITATIONS
1	Release of Inflammatory Mediators from Stimulated Neutrophils. New England Journal of Medicine, 1980, 303, 27-34.	27.0	643
2	Mechanisms of Lysosomal Enzyme Release from Human Leukocytes II. EFFECTS OF cAMP AND cGMP, AUTONOMIC AGONISTS, AND AGENTS WHICH AFFECT MICROTUBULE FUNCTION. Journal of Clinical Investigation, 1974, 53, 297-309.	8.2	551
3	The mechanisms of action of nonsteroidal antiinflammatory drugs. Arthritis and Rheumatism, 1989, 32, 1-9.	6.7	407
4	MECHANISMS OF LYSOSOMAL ENZYME RELEASE FROM LEUKOCYTES EXPOSED TO IMMUNE COMPLEXES AND OTHER PARTICLES. Journal of Experimental Medicine, 1971, 134, 149-165.	8.5	396
5	STUDIES ON LYSOSOMES. Journal of Experimental Medicine, 1962, 116, 433-450.	8.5	339
6	Effect of Cyclic AMP on Release of Lysosomal Enzymes from Phagocytes. Nature: New Biology, 1971, 231, 131-135.	4.5	327
7	Formation of leukotrienes and other hydroxy acids during platelet-neutrophil interactions in vitro. Biochemical and Biophysical Research Communications, 1982, 109, 130-137.	2.1	308
8	Tumor necrosis factor provokes superoxide anion generation from neutrophils. Biochemical and Biophysical Research Communications, 1986, 137, 1094-1100.	2.1	300
9	MECHANISMS OF LYSOSOMAL ENZYME RELEASE FROM HUMAN LEUKOCYTES. Journal of Cell Biology, 1973, 58, 27-41.	5.2	270
10	Leukotriene B4 is a complete secretagogue in human neutrophils: A kinetic analysis. Biochemical and Biophysical Research Communications, 1982, 107, 1006-1012.	2.1	238
11	The adhesion molecules of inflammation. Arthritis and Rheumatism, 1993, 36, 147-157.	6.7	238
12	PATHOGENESIS OF EXPERIMENTAL SHOCK. Journal of Experimental Medicine, 1962, 116, 451-466.	8.5	234
13	STUDIES ON LYSOSOMES. Journal of Cell Biology, 1968, 37, 394-411.	5.2	230
14	The roles of extracellular and intracellular calcium in lysosomal enzyme release and superoxide anion generation by human neutrophils. Biochimica Et Biophysica Acta - General Subjects, 1981, 677, 512-520.	2.4	198
15	Effects of non-steroidal anti-inflammatory agents on human neutrophil functions in vitro and in vivo. Biochemical Pharmacology, 1984, 33, 371-378.	4.4	180
16	Lysosomes and joint disease. Arthritis and Rheumatism, 1966, 9, 834-840.	6.7	161
17	Calcium-induced lysozyme secretion from human polymorphonuclear leukocytes. Biochemical and Biophysical Research Communications, 1974, 60, 807-812.	2.1	160
18	Effects of indomethacin, 5,8,11,14-eicosatetraynoic acid, and p-bromophenacyl bromide on lysosomal enzyme release and superoxide anion generation by human polymorphonuclear leukocytes. Biochemical Pharmacology, 1980, 29, 533-538.	4.4	153

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19	Arthritis induced in rabbits by lysates of granulocyte lysosomes. Arthritis and Rheumatism, 1969, 12, 103-116.	6.7	135
20	Increased levels of plasma anaphylatoxins in systemic lupus erythematosus predict flares of the disease and may elicit vascular injury in lupus cerebritis. Arthritis and Rheumatism, 1988, 31, 632-641.	6.7	115
21	STUDIES ON LYSOSOMES. Journal of Experimental Medicine, 1963, 118, 205-222.	8.5	114
22	Molecular Basis of Gouty Inflammation: Interaction of Monosodium Urate Crystals with Lysosomes and Liposomes. Nature: New Biology, 1972, 240, 167-172.	4.5	112
23	Influence of corticosteroids on human polymorphonuclear leukocyte function in vitro. Inflammation, 1976, 1, 305-315.	3.8	108
24	Female hormones reduce neutrophil responsiveness in vitro. Arthritis and Rheumatism, 1984, 27, 623-630.	6.7	108
25	Breakdown of cartilage proteinopolysaccharide by lysosomes. Arthritis and Rheumatism, 1968, 11, 162-169.	6.7	107
26	Superoxide anion generation by human neutrophils exposed to monosodium urate. effect of protein adsorption and complement activation. Arthritis and Rheumatism, 1982, 25, 174-180.	6.7	102
27	Effects of Cholera Enterotoxin on Adenosine 3'â€²,5'â€²-Monophosphate and Neutrophil Function. COMPARISON WITH OTHER COMPOUNDS WHICH STIMULATE LEUKOCYTE ADENYL CYCLASE. Journal of Clinical Investigation, 1973, 52, 698-708.	8.2	102
28	Complement activation during systemic lupus erythematosus: C3A and C5a anaphylatoxins circulate during exacerbations of disease. Arthritis and Rheumatism, 1986, 29, 1085-1089.	6.7	99
29	Suppression of acute and chronic inflammation in adrenalectomized rats by pharmacologic amounts of prostaglandins. Arthritis and Rheumatism, 1973, 16, 606-618.	6.7	96
30	Changes in phosphatidylinositol and phosphatidic acid in stimulated human neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1983, 762, 420-428.	4.1	94
31	Appearance of Hydrolase Rich Granules in Human Lymphocytes Induced by Phytohemagglutinin and Antigens. Blood, 1967, 30, 84-102.	1.4	84
32	C-Reactive Protein in Systemic Lupus Erythematosus. Arthritis and Rheumatism, 1977, 20, 1065-1070.	6.7	84
33	Rheumatoid arthritis. Inflammation, 1984, 8, S3-S14.	3.8	77
34	STUDIES ON LYSOSOMES. Journal of Cell Biology, 1964, 22, 115-126.	5.2	76
35	EFFECT OF DMSO ON THE STABILIZATION OF LYSOSOMES BY CORTISONE AND CHLOROQUINE IN VITRO. Annals of the New York Academy of Sciences, 1967, 141, 326-332.	3.8	73
36	Stimulus-response coupling in the human neutrophil Transmembrane potential and the role of extracellular Na+. Biochimica Et Biophysica Acta - Biomembranes, 1980, 601, 180-194.	2.6	73

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37	YIN/YANG MODULATION OF LYSOSOMAL ENZYME RELEASE FROM POLYMORPHONUCLEAR LEUKOCYTES BY CYCLIC NUCLEOTIDES. <i>Annals of the New York Academy of Sciences</i> , 1975, 256, 222-232.	3.8	71
38	Stimuli which provoke secretion of azurophil enzymes from human neutrophils induce increments in adenosine cyclic 3'5'-monophosphate. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1981, 672, 197-206.	2.4	71
39	Neutrophil Aggregation Induced by Sera from Patients with Active Systemic Lupus Erythematosus. <i>Arthritis and Rheumatism</i> , 1983, 26, 630-636.	6.7	70
40	The effect of various stimuli and calcium antagonists on the fluorescence response of chlorotetracycline-loaded human neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1982, 720, 172-180.	4.1	69
41	POTASSIUM AND AMINO ACID TRANSPORT IN HUMAN LEUKOCYTES EXPOSED TO PHAGOCYTIC STIMULI. <i>Journal of Cell Biology</i> , 1974, 63, 215-226.	5.2	67
42	Prostaglandins, thromboxanes, and polymorphonuclear leukocytes. <i>Inflammation</i> , 1977, 2, 309-317.	3.8	66
43	STUDIES ON LYSOSOMES. <i>Journal of Cell Biology</i> , 1964, 22, 101-113.	5.2	64
44	Mechanisms of lysosomal enzyme release from leukocytes. <i>Arthritis and Rheumatism</i> , 1975, 18, 153-165.	6.7	63
45	Initial kinetics of lysosomal enzyme secretion and superoxide anion generation by human polymorphonuclear leukocytes. <i>Inflammation</i> , 1980, 4, 145-163.	3.8	50
46	Analytical Review: Lysosomes. <i>Blood</i> , 1964, 24, 594-606.	1.4	46
47	Effect of Steroids and Triton X-100™ on Glucose-Filled Phospholipid/cholesterol Structures. <i>Nature</i> , 1965, 208, 649-651.	27.8	40
48	Transmembrane calcium movements mediated by ionomycin and phosphatidate in liposomes with Fura 2 entrapped. <i>Biochemistry</i> , 1988, 27, 5661-5666.	2.5	40
49	Pathogenesis of Rheumatoid Arthritis. <i>Journal of Clinical Rheumatology</i> , 2004, 10, S26-S31.	0.9	40
50	NEUTROPHILS: RELEASE OF MEDIATORS OF INFLAMMATION WITH SPECIAL REFERENCE TO RHEUMATOID ARTHRITIS. <i>Annals of the New York Academy of Sciences</i> , 1982, 389, 11-24.	3.8	38
51	Dissociation by piroxicam of degranulation and superoxide anion generation from decrements in chlortetracycline fluorescence of activated human neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1982, 104, 247-253.	2.1	36
52	Subcellular Distribution of Neutral Protease and Peptidases in Rabbit Polymorphonuclear Leucocytes. <i>Nature</i> , 1970, 228, 761-762.	27.8	35
53	Adenosine Modulates the Generation of Superoxide Anion by Stimulated Human Neutrophils via Interaction with a Specific Cell Surface Receptor. <i>Annals of the New York Academy of Sciences</i> , 1985, 451, 291-301.	3.8	32
54	Steroids, aspirin, and inflammation. <i>Inflammation</i> , 1977, 2, 295-307.	3.8	28

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55	Lymphatic Transport of Beta-glucuronidase during H ₂ O ₂ hemorrhagic Shock. <i>Nature</i> , 1964, 201, 1231-1232.	27.8	27
56	The pathogenesis of rheumatoid arthritis. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2006, 64, 12-5.	0.7	23
57	The role of neutrophils in vascular injury: a summary of signal transduction mechanisms in cell/cell interactions. <i>Seminars in Immunopathology</i> , 1989, 11, 235-58.	4.0	22
58	Stimulus-response coupling in neutrophils. <i>Trends in Pharmacological Sciences</i> , 1982, 3, 483-485.	8.7	20
59	Generation of C5-derived peptides and other immune reactants in the sera of patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1984, 27, 631-637.	6.7	20
60	Stimulus-response coupling in marine sponge cell aggregation: lipid metabolism and the function of exogenously added arachidonic and docosahexaenoic acids. <i>Lipids and Lipid Metabolism</i> , 1988, 960, 351-364.	2.6	18
61	Calcium dependent aggregation of marine sponge cells is provoked by leukotriene B ₄ and inhibited by inhibitors of arachidonic acid oxidation. <i>Biochemical and Biophysical Research Communications</i> , 1984, 121, 863-870.	2.1	17
62	Rheumatoid arthritis and systemic lupus erythematosus as immune complex diseases. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2009, 67, 251-3.	0.7	17
63	Death of Leucocytes due to Ingestion of Heterologous Lysosomes. <i>Nature</i> , 1967, 214, 892-894.	27.8	14
64	Fate of antigen after intravenous and intraarticular injection into rabbits. <i>Arthritis and Rheumatism</i> , 1978, 21, 918-929.	6.7	14
65	Metabolic requirements for maintenance of the chlortetracycline-labeled pool of membrane-bound calcium in human neutrophils. <i>Journal of Cellular Physiology</i> , 1983, 117, 415-422.	4.1	13
66	The kinetics of lysosomal degranulation of human neutrophils as measured by 9-aminoacridine quenching. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1983, 762, 145-153.	4.1	13
67	Marine sponge aggregation: A model for effects of NSAIDs on the calcium movements of cell activation. <i>Seminars in Arthritis and Rheumatism</i> , 1985, 15, 42-53.	3.4	13
68	Non-Prostaglandin Effects of Aspirin III and Salicylate: Inhibition of Integrin-dependent Human Neutrophil Aggregation and Inflammation in COX 2- and NF κ B (P105)-Knockout Mice. <i>Advances in Experimental Medicine and Biology</i> , 2002, 507, 571-577.	1.6	13
69	Rats, Lice, and Zinsser. <i>Emerging Infectious Diseases</i> , 2005, 11, 492-496.	4.3	12
70	Chapter 16 Alterations in Cyclic Nucleotides and the Activation of Neutrophils. <i>Current Topics in Membranes and Transport</i> , 1990, 35, 399-424.	0.6	9
71	From arachidonic acid to arachidonate: A tribute and a hypothesis. <i>Cellular Immunology</i> , 1983, 82, 117-126.	3.0	7
72	Formation of leukotriene C ₄ by human leukocytes exposed to monosodium urate crystals. <i>FEBS Letters</i> , 1984, 167, 109-112.	2.8	7

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73	Mechanisms of Mediator Release from Neutrophils. Advances in Experimental Medicine and Biology, 1984, 172, 527-552.	1.6	5
74	Chapter 28 The "Secretory Code" of the Neutrophil. Methods in Cell Biology, 1981, , 461-481.	1.1	4
75	The introduction is over. Arthritis and Rheumatism, 1983, 26, 1297-1302.	6.7	1
76	Triggering and Activation of Human Neutrophils. , 1988, , 31-40.		1
77	STUDIES ON LYSOSOMES. Journal of Experimental Medicine, 1963, 117, 1-1.	8.5	0
78	The Past and Future Decade. Hospital Practice (1995), 1976, 11, 13-28.	1.0	0
79	Slightly off center. Arthritis and Rheumatism, 1978, 21, 277-278.	6.7	0
80	Slighted Dallas. Nature, 1985, 318, 308-308.	27.8	0
81	<i>Summa cum Laude</i> : Richard Dawkin's Brief Candle in the Dark (HarperCollins, New York, 2015, 455) Tj ETQq1 1 0.784314 rgBT	0.5	0
82	Introduction: The Snow of Yesteryear. European Review, 2019, 27, 43-45.	0.7	0
83	Lewis Thomas (1913-1993). The element of style. The Pharos of Alpha Omega Alpha-honor Medical Society Alpha Omega Alpha, 2003, 66, 4-10.	0.1	0
84	Galileo's gout. The Pharos of Alpha Omega Alpha-honor Medical Society Alpha Omega Alpha, 2004, 67, 4-7.	0.1	0
85	The mother of us all. The Pharos of Alpha Omega Alpha-honor Medical Society Alpha Omega Alpha, 2005, 68, 14-20.	0.1	0
86	Intelligent design and the age of endarkenment. The Pharos of Alpha Omega Alpha-honor Medical Society Alpha Omega Alpha, 2006, 69, 4-8.	0.1	0