

Jeffrey A Gelfand

List of Publications by Year in descending order

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100
papers

8,032
citations

76326

40
h-index

48315

88
g-index

102
all docs

102
docs citations

102
times ranked

5789
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin 1 induces a shock-like state in rabbits. Synergism with tumor necrosis factor and the effect of cyclooxygenase inhibition.. Journal of Clinical Investigation, 1988, 81, 1162-1172.	8.2	943
2	Circulating Interleukin-1 and Tumor Necrosis Factor in Septic Shock and Experimental Endotoxin Fever. Journal of Infectious Diseases, 1990, 161, 79-84.	4.0	755
3	Treatment of Hereditary Angioedema with Danazol. New England Journal of Medicine, 1976, 295, 1444-1448.	27.0	610
4	Hereditary Angioedema: the Clinical Syndrome and Its Management. Annals of Internal Medicine, 1976, 84, 580.	3.9	558
5	A specific receptor antagonist for interleukin 1 prevents <i>Escherichia coli</i> -induced shock in rabbits. FASEB Journal, 1991, 5, 338-343.	0.5	443
6	Persistent and Relapsing Babesiosis in Immunocompromised Patients. Clinical Infectious Diseases, 2008, 46, 370-376.	5.8	299
7	Staphylococcus epidermidis induces complement activation, tumor necrosis factor and interleukin-1, a shock-like state and tissue injury in rabbits without endotoxemia. Comparison to Escherichia coli.. Journal of Clinical Investigation, 1991, 87, 1925-1935.	8.2	252
8	Evaluation of SARS-CoV-2 serology assays reveals a range of test performance. Nature Biotechnology, 2020, 38, 1174-1183.	17.5	251
9	Replacement Therapy in Hereditary Angioedema. New England Journal of Medicine, 1980, 302, 542-546.	27.0	225
10	C5a stimulates secretion of tumor necrosis factor from human mononuclear cells in vitro. Comparison with secretion of interleukin 1 beta and interleukin 1 alpha.. Journal of Experimental Medicine, 1988, 168, 443-448.	8.5	213
11	Acquired C1 Esterase Inhibitor Deficiency and Angioedema. Medicine (United States), 1979, 58, 321-328.	1.0	182
12	Concentrations of Immunoreactive Human Tumor Necrosis Factor Alpha Produced by Human Mononuclear Cells In Vitro. Journal of Leukocyte Biology, 1988, 43, 216-223.	3.3	161
13	Circulating interleukin-1 β and tumor necrosis factor- α concentrations after burn injury in humans. Critical Care Medicine, 1992, 20, 1414-1419.	0.9	142
14	SYSTEMIC CAPILLARY LEAK SYNDROME AND MONOCLONAL IgG GAMMOPATHY. Medicine (United States), 1977, 56, 225-240.	1.0	134
15	Dual blockade of CXCL12/CXCR4 and PD-1/PD-L1 pathways prolongs survival of ovarian tumor-bearing mice by prevention of immunosuppression in the tumor microenvironment. FASEB Journal, 2019, 33, 6596-6608.	0.5	120
16	Clinical sensitivity and interpretation of PCR and serological COVID-19 diagnostics for patients presenting to the hospital. FASEB Journal, 2020, 34, 13877-13884.	0.5	117
17	Hereditary angioedema: The use of fresh frozen plasma for prophylaxis in patients undergoing oral surgery. Journal of Allergy and Clinical Immunology, 1975, 55, 386-393.	2.9	113
18	Rethinking the role of hydroxychloroquine in the treatment of COVID-19. FASEB Journal, 2020, 34, 6027-6037.	0.5	110

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19	Risks Associated With Lentiviral Vector Exposures and Prevention Strategies. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 1159-1166.	1.7	94
20	Role of Complement in Host Defense against Experimental Disseminated Candidiasis. <i>Journal of Infectious Diseases</i> , 1978, 138, 9-16.	4.0	92
21	Danazol-induced Augmentation of Serum α_1 -Antitrypsin Levels in Individuals with Marked Deficiency of this Antiprotease. <i>Journal of Clinical Investigation</i> , 1980, 66, 82-87.	8.2	92
22	Complement activation by synthetic vascular prostheses. <i>Journal of Vascular Surgery</i> , 1984, 1, 829-838.	1.1	88
23	Species-Specific Bacteria Identification Using Differential Mobility Spectrometry and Bioinformatics Pattern Recognition. <i>Analytical Chemistry</i> , 2005, 77, 5930-5937.	6.5	79
24	Pulmonary Aspergillosis, Inhalation of Contaminated Marijuana Smoke, Chronic Granulomatous Disease. <i>Annals of Internal Medicine</i> , 1975, 82, 682.	3.9	78
25	Endotoxemia Associated with the Jarisch-Herxheimer Reaction. <i>New England Journal of Medicine</i> , 1976, 295, 211-213.	27.0	77
26	High Seroprevalence of Anti-SARS-CoV-2 Antibodies in Chelsea, Massachusetts. <i>Journal of Infectious Diseases</i> , 2020, 222, 1955-1959.	4.0	72
27	Response of Variant Hereditary Angioedema Phenotypes to Danazol Therapy. <i>Journal of Clinical Investigation</i> , 1979, 64, 280-286.	8.2	69
28	A Study of Optimal Reaction Conditions for an Assay of the Human Alternative Complement Pathway. <i>American Journal of Clinical Pathology</i> , 1983, 79, 65-72.	0.7	68
29	Preferential Activation and Depletion of the Alternative Complement Pathway by Burn Injury. <i>Annals of Surgery</i> , 1983, 198, 58-62.	4.2	65
30	A Novel Laser Vaccine Adjuvant Increases the Motility of Antigen Presenting Cells. <i>PLoS ONE</i> , 2010, 5, e13776.	2.5	65
31	Alternative complement pathway activation increases mortality in a model of burn injury in mice.. <i>Journal of Clinical Investigation</i> , 1982, 70, 1170-1176.	8.2	65
32	Complement activation by synthetic vascular prostheses. <i>Journal of Vascular Surgery</i> , 1984, 1, 829-838.	1.1	63
33	Both C3a and C3a _{desAr} g Regulate Interleukin-6 Synthesis in Human Peripheral Blood Mononuclear Cells. <i>Journal of Infectious Diseases</i> , 1998, 177, 1622-1628.	4.0	62
34	Intestinal Production of Interleukin-1 β during Endotoxemia in the Mouse. <i>Journal of Surgical Research</i> , 1993, 54, 584-591.	1.6	60
35	Age-Associated Decline in Resistance to <i>Babesia microti</i> Genetically Determined. <i>Journal of Infectious Diseases</i> , 2004, 189, 1721-1728.	4.0	59
36	Antimicrobial photodynamic therapy mediated by methylene blue and potassium iodide to treat urinary tract infection in a female rat model. <i>Scientific Reports</i> , 2018, 8, 7257.	3.3	55

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37	PLASMAPHERESIS FOR FULMINANT MENINGOCOCCEMIA. <i>Pediatric Infectious Disease Journal</i> , 1989, 8, 399.	2.0	49
38	Immunoglobulin and Complement Receptors on Human Eosinophils and Their Role in Cellular Adherence to Schistosomules. <i>American Journal of Tropical Medicine and Hygiene</i> , 1977, 26, 134-141.	1.4	49
39	Methotrexate Treatment of Idiopathic Granulomatous Hepatitis. <i>Annals of Internal Medicine</i> , 1995, 122, 592.	3.9	44
40	Interleukin-1 and the response to injury. <i>Immunologic Research</i> , 1989, 8, 118-129.	2.9	43
41	Case 17-2007. <i>New England Journal of Medicine</i> , 2007, 356, 2313-2319.	27.0	39
42	Near-Infrared Laser Adjuvant for Influenza Vaccine. <i>PLoS ONE</i> , 2013, 8, e82899.	2.5	39
43	Laser vaccine adjuvants. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1892-1907.	3.3	38
44	Interaction with Autologous Platelets Multiplies Interleukin-1 and Tumor Necrosis Factor Production in Mononuclear Cells. <i>Journal of Infectious Diseases</i> , 1997, 175, 123-129.	4.0	37
45	Impact of C-reactive Protein (CRP) on Surfactant Function. <i>Journal of Trauma</i> , 1989, 29, 1690-1697.	2.3	36
46	Diminished In Vitro Production of Interleukin-1 and Tumor Necrosis Factor- α during Acute Visceral Leishmaniasis and Recovery after Therapy. <i>Journal of Infectious Diseases</i> , 1992, 165, 1094-1102.	4.0	36
47	Coagulation of Whole Blood Stimulates Interleukin-1 α Gene Expression. <i>Journal of Infectious Diseases</i> , 1995, 172, 308-311.	4.0	36
48	Host Factors in the Formation of Abscesses. <i>Journal of Infectious Diseases</i> , 1980, 142, 40-49.	4.0	35
49	Relative Production of IL-1 β and TNF α by Mononuclear Cells After Exposure to Dental Implants. <i>Journal of Periodontology</i> , 1992, 63, 426-430.	3.4	35
50	Acute respiratory failure in patients treated for babesiosis.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1994, 149, 1689-1691.	5.6	34
51	A novel mycobacterial Hsp70-containing fusion protein targeting mesothelin augments antitumor immunity and prolongs survival in murine models of ovarian cancer and mesothelioma. <i>Journal of Hematology and Oncology</i> , 2014, 7, 15.	17.0	34
52	Exploiting Sex for Therapeutic Purposes. <i>New England Journal of Medicine</i> , 1983, 308, 1417-1419.	27.0	32
53	AMD3100 Augments the Efficacy of Mesothelin-Targeted, Immune-Activating VIC-008 in Mesothelioma by Modulating Intratumoral Immunosuppression. <i>Cancer Immunology Research</i> , 2018, 6, 539-551.	3.4	29
54	Cytokines, Acute Phase Proteins, and Tissue Injury. <i>Annals of the New York Academy of Sciences</i> , 1990, 587, 351-361.	3.8	26

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55	Babesia microti Primarily Invades Mature Erythrocytes in Mice. Infection and Immunity, 2006, 74, 3204-3212.	2.2	26
56	A novel automated screening and interpretation process for cervical cytology using the internet transmission of low-resolution images. Cancer, 2005, 105, 199-206.	4.1	25
57	Antimicrobial Photodynamic Inactivation Mediated by Tetracyclines in Vitro and in Vivo: Photochemical Mechanisms and Potentiation by Potassium Iodide. Scientific Reports, 2018, 8, 17130.	3.3	25
58	Photoinactivation of Neisseria gonorrhoeae: A Paradigm-Changing Approach for Combating Antibiotic-Resistant Gonococcal Infection. Journal of Infectious Diseases, 2019, 220, 873-881.	4.0	25
59	Near-Infrared 1064 nm Laser Modulates Migratory Dendritic Cells To Augment the Immune Response to Intradermal Influenza Vaccine. Journal of Immunology, 2017, 199, 1319-1332.	0.8	24
60	VaxCelerate II: Rapid development of a self-assembling vaccine for Lassa fever. Human Vaccines and Immunotherapeutics, 2014, 10, 3022-3038.	3.3	23
61	Tetracyclines function as dual-action light-activated antibiotics. PLoS ONE, 2018, 13, e0196485.	2.5	22
62	Experimental Bacteroides fragilis Bacteremia in a Primate Model. Journal of Trauma, 1985, 25, 1156-1162.	2.3	21
63	Interleukin-1 upregulates anaphylatoxin receptors on mononuclear cells. Surgery, 2004, 135, 544-554.	1.9	19
64	Infections in burn patients: A paradigm for cutaneous infection in the patient at risk. American Journal of Medicine, 1984, 76, 158-165.	1.5	18
65	Brief Exposure of Skin to Near-Infrared Laser Modulates Mast Cell Function and Augments the Immune Response. Journal of Immunology, 2018, 201, 3587-3603.	0.8	18
66	Health Effects of Salicylates in Foods and Drugs. Nutrition Reviews, 2009, 54, 225-240.	5.8	17
67	Semiconductor diode laser device adjuvanting intradermal vaccine. Vaccine, 2017, 35, 2404-2412.	3.8	16
68	GM-CSF Enhances Macrophage Glycolytic Activity In Vitro and Improves Detection of Inflammation In Vivo. Journal of Nuclear Medicine, 2016, 57, 1428-1435.	5.0	15
69	A sensitive microassay for the murine alternative complement pathway. Journal of Immunological Methods, 1979, 31, 283-290.	1.4	14
70	Babesiosis: An update on epidemiology and treatment. Current Infectious Disease Reports, 2003, 5, 53-58.	3.0	14
71	A pilot clinical trial of a near-infrared laser vaccine adjuvant: safety, tolerability, and cutaneous immune cell trafficking. FASEB Journal, 2019, 33, 3074-3081.	0.5	12
72	Photoinactivation of Moraxella catarrhalis Using 405-nm Blue Light: Implications for the Treatment of Otitis Media. Photochemistry and Photobiology, 2020, 96, 611-617.	2.5	12

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73	Interleukin-1 Pretreatment Protects against Endotoxin-Induced Hypotension in Rabbits: Association with Decreased Tumor Necrosis Factor Levels. <i>Journal of Infectious Diseases</i> , 1993, 167, 244-247.	4.0	9
74	Interstitial Cystitis and Bladder Mastocytosis in a Woman with Chronic Urticaria. <i>Scandinavian Journal of Urology and Nephrology</i> , 1997, 31, 497-500.	1.4	9
75	Platelet activating factor-antagonist improves survival in experimental staphylococcal septicemia. <i>Journal of Pediatric Surgery</i> , 1994, 29, 1055-1058.	1.6	7
76	Alkylation of cellulosic membranes results in reduced complement activation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1996, 7, 707-714.	3.5	7
77	Could mycobacterial Hsp70-containing fusion protein lead the way to an affordable therapeutic cancer vaccine?. <i>Expert Review of Vaccines</i> , 2015, 14, 435-446.	4.4	7
78	Activation of the Alternative Complement Pathway by Blood Culture Isolates of <i>Bacteroides fragilis</i> . <i>Infection and Immunity</i> , 1981, 34, 303-305.	2.2	7
79	Neurogenic Bladder: Recurrent Urinary Tract Infections—Beyond Antibiotics. <i>Current Bladder Dysfunction Reports</i> , 2018, 13, 191-200.	0.5	6
80	Endotoxin Suppresses Surfactant Synthesis in Cultured Rat Lung Cells. <i>Journal of Trauma</i> , 1989, 29, 180-188.	2.3	5
81	Too little oxygen, too little interleukin-2. <i>Critical Care Medicine</i> , 1994, 22, 187.	0.9	5
82	Case Report: Overwhelming Babesia Parasitemia Successfully Treated Promptly With RBC Apheresis and Triple Therapy With Clindamycin, Azithromycin, and Atovaquone. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa448.	0.9	4
83	Effects of malignancy and interleukin-2 infusion on gut macromolecular permeability. <i>Critical Care Medicine</i> , 1995, 23, 1801-1806.	0.9	3
84	Babesia Species. , 2015, , 3165-3172.e2.		3
85	Renal Failure in Paroxysmal Hemoglobinuria. <i>JAMA - Journal of the American Medical Association</i> , 1974, 227, 440.	7.4	2
86	Accelerated vaccine development against emerging infectious diseases. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1010-1012.	3.3	2
87	Charles A. Dinarello, MD. <i>Critical Care Medicine</i> , 1991, 19, 602.	0.9	1
88	MP23-18 SYNERGISTIC PHOTODYNAMIC THERAPY FOR CATHETER-ASSOCIATED URINARY TRACT INFECTION IN RATS. <i>Journal of Urology</i> , 2017, 197, .	0.4	1
89	Phase Ib, international, dose-escalation study to evaluate the safety, pharmacokinetics (PK) and efficacy of ST-617 for the attenuation of oral mucositis (OM) in patients receiving chemoradiation (CRT) for head and neck (H&N) cancer.. <i>Journal of Clinical Oncology</i> , 2021, 39, 6075-6075.	1.6	1
90	Clofazimine for babesiosis: preclinical data support a clinical trial. <i>Journal of Infectious Diseases</i> , 2021, , .	4.0	1

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91	Babesia Species. , 2010, , 3539-3545.		1
92	Active Histoplasma meningitis of 22 years' duration. JAMA - Journal of the American Medical Association, 1975, 233, 1294-1295.	7.4	1
93	CYTOKINES AND ANTICYTOKINE THERAPY IN THE TREATMENT OF SHOCK. Shock, 1995, 4, 11.	2.1	0
94	Babesiosis. , 0, , 99-112.		0
95	Increased dense erythrocytes in flame-burned patients. Clinical Hemorheology and Microcirculation, 2013, 53, 349-356.	1.7	0
96	Immune Profiling of Coxiella burnetii Infection by Mass Cytometry. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
97	Abstract 1578: MTBhsp70 fusion protein targeting mesothelin augments tumor specific T cell responses and prolongs survival in a murine model of ovarian cancer. , 2012, , .		0
98	Abstract 3649: Combination of mesothelin-targeted immune-activating fusion protein and anti-PD-L1 augments antitumor immunity and prolongs survival in murine model of ovarian cancer. , 2017, , .		0
99	Abstract 1633: Immunotherapy for malignant mesothelioma that combines a mesothelia-targeted immune-activating protein and CXCL12/CXCR4 blockade. , 2017, , .		0
100	Experimental Hemorrhage and Blunt Trauma Do Not Increase Circulating Tumor Necrosis Factor. Journal of Trauma, 1991, 31, 1063-1067.	2.3	0