Gilbert J Kersh

List of Publications by Year
in descending order

71 papers	3,374 citations	172457 29 h-index	144013 57 g-index
71 all docs	71 docs citations	71 times ranked	3897 citing authors

#	Article	IF	Citations
1	Essential flexibility in the T-cell recognition of antigen. Nature, 1996, 380, 495-498.	27.8	305
2	High- and Low-Potency Ligands with Similar Affinities for the TCR. Immunity, 1998, 9, 817-826.	14.3	296
3	Costimulation of T Cell Activation by Integrin-associated Protein (CD47) Is an Adhesion-dependent, CD28-independent Signaling Pathway. Journal of Experimental Medicine, 1997, 185, 1-12.	8.5	223
4	Diagnosis and management of Q fever--United States, 2013: recommendations from CDC and the Q Fever Working Group. MMWR Recommendations and Reports, 2013, 62, 1-30.	61.1	157
5	Estrogen Induces Thymic Atrophy by Eliminating Early Thymic Progenitors and Inhibiting Proliferation of Î²-Selected Thymocytes. Journal of Immunology, 2006, 176, 7371-7378.	0.8	122
6	An IL-7-dependent rebound in thymic T cell output contributes to the bone loss induced by estrogen deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16735-16740.	7.1	119
7	A Kinetic Threshold between Negative and Positive Selection Based on the Longevity of the T Cell Receptorâ€"Ligand Complex. Journal of Experimental Medicine, 1999, 189, 1531-1544.	8.5	112
8	Q Fever, Spotted Fever Group, and Typhus Group Rickettsioses Among Hospitalized Febrile Patients in Northern Tanzania. Clinical Infectious Diseases, 2011, 53, e8-e15.	5.8	104
9	Partially Phosphorylated T Cell Receptor Î¶ Molecules Can Inhibit T Cell Activation. Journal of Experimental Medicine, 1999, 190, 1627-1636.	8.5	103
10	Structural and Functional Consequences of Altering a Peptide MHC Anchor Residue. Journal of Immunology, 2001, 166, 3345-3354.	0.8	102
11	Interplay between RORÎ³t, Egr3, and E Proteins Controls Proliferation in Response to Pre-TCR Signals. Immunity, 2006, 24, 813-826.	14.3	98
12	Opposing regulation of T cell function by Egrâ€1/NAB2 and Egrâ€2/Egrâ€3. European Journal of Immunology, 2008, 38, 528-536.	2.9	96
13	Development of a TaqMan Array Card for Acute-Febrile-Illness Outbreak Investigation and Surveillance of Emerging Pathogens, Including Ebola Virus. Journal of Clinical Microbiology, 2016, 54, 49-58.	3.9	95
14	Presence and Persistence of Coxiella burnetii in the Environments of Goat Farms Associated with a Q Fever Outbreak. Applied and Environmental Microbiology, 2013, 79, 1697-1703.	3.1	90
15	Thymocyte Development in Early Growth Response Gene 1-Deficient Mice. Journal of Immunology, 2002, 169, 1713-1720.	0.8	89
16	Presence of <i>Coxiella burnetii</i> DNA in the Environment of the United States, 2006 to 2008. Applied and Environmental Microbiology, 2010, 76, 4469-4475.	3.1	86
17	Murine pregnancy leads to reduced proliferation of maternal thymocytes and decreased thymic emigration. Immunology, 2007, 121, 207-215.	4.4	82
18	Rapid Typing of Coxiella burnetii. PLoS ONE, 2011, 6, e26201.	2.5	76

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19	Antimicrobial therapies for Q fever. Expert Review of Anti-Infective Therapy, 2013, 11, 1207-1214.	4.4	72
20	<i>Brucella</i> placentitis and seroprevalence in northern fur seals (<i>Callorhinus ursinus</i>) of the Pribilof Islands, Alaska. Journal of Veterinary Diagnostic Investigation, 2014, 26, 507-512.	1.1	60
21	High prevalence and two dominant host-specific genotypes of Coxiella burnetii in U.S. milk. BMC Microbiology, 2014, 14, 41.	3.3	49
22	Early Growth Response Gene 3 Regulates Thymocyte Proliferation during the Transition from CD4âˆ’CD8âˆ’ to CD4+CD8+1. Journal of Immunology, 2004, 172, 964-971.	0.8	45
23	When Outgroups Fail; Phylogenomics of Rooting the Emerging Pathogen, Coxiella burnetii. Systematic Biology, 2013, 62, 752-762.	5.6	45
24	Coxiella burnetii Infection of a Steller Sea Lion (Eumetopias jubatus) Found in Washington State. Journal of Clinical Microbiology, 2010, 48, 3428-3431.	3.9	41
25	Virulence of Pathogenic<i>Coxiella burnetii</i>Strains After Growth in the Absence of Host Cells. Vector-Borne and Zoonotic Diseases, 2011, 11, 1433-1438.	1.5	41
26	Coxiella burnetii Infection of Marine Mammals in the Pacific Northwest, 1997â€“2010. Journal of Wildlife Diseases, 2012, 48, 201-206.	0.8	36
27	The dual specificity phosphatase transcriptome of the murine thymus. Molecular Immunology, 2006, 43, 754-762.	2.2	35
28	Sustained Early Growth Response Gene 3 Expression Inhibits the Survival of CD4/CD8 Double-Positive Thymocytes. Journal of Immunology, 2004, 173, 340-348.	0.8	34
29	Practical Method for Extraction of PCR-Quality DNA from Environmental Soil Samples. Applied and Environmental Microbiology, 2010, 76, 4571-4573.	3.1	33
30	<i>Coxiella burnetii</i>in Northern Fur Seal (<i>Callorhinus ursinus</i>) Placentas from St. Paul Island, Alaska. Vector-Borne and Zoonotic Diseases, 2012, 12, 192-195.	1.5	32
31	Long-Term Immune Responses to Coxiella burnetii after Vaccination. Vaccine Journal, 2013, 20, 129-133.	3.1	31
32	First Reported Multistate Human Q Fever Outbreak in the United States, 2011. Vector-Borne and Zoonotic Diseases, 2014, 14, 111-117.	1.5	28
33	Early Growth Response-1 Is Required for CD154 Transcription. Journal of Immunology, 2006, 176, 811-818.	0.8	26
34	Regulation of Bim by TCR Signals in CD4/CD8 Double-Positive Thymocytes. Journal of Immunology, 2005, 175, 1532-1539.	0.8	25
35	Genotyping and Axenic Growth of<i>Coxiella burnetii</i>Isolates Found in the United States Environment. Vector-Borne and Zoonotic Diseases, 2016, 16, 588-594.	1.5	24
36	Induction of the Early Growth Response Gene 1 Promoter by TCR Agonists and Partial Agonists: Ligand Potency Is Related to Sustained Phosphorylation of Extracellular Signal-Related Kinase Substrates. Journal of Immunology, 2003, 170, 315-324.	0.8	22

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37	MAP kinase phosphatase activity sets the threshold for thymocyte positive selection. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16257-16262.	7.1	22
38	Control of Recent Thymic Emigrant Survival by Positive Selection Signals and Early Growth Response Gene 1. Journal of Immunology, 2005, 175, 2270-2277.	0.8	20
39	Human Seroprevalence to 11 Zoonotic Pathogens in the U.S. Arctic, Alaska. Vector-Borne and Zoonotic Diseases, 2019, 19, 563-575.	1.5	18
40	The Effect of pH on Antibiotic Efficacy against Coxiella burnetii in Axenic Media. Scientific Reports, 2019, 9, 18132.	3.3	18
41	Coxiella burnetii in Northern Fur Seals and Steller Sea Lions of Alaska. Journal of Wildlife Diseases, 2013, 49, 441-446.	0.8	17
42	Early cytokine and antibody responses against Coxiella burnetii in aerosol infection of BALB/c mice. Diagnostic Microbiology and Infectious Disease, 2015, 81, 234-239.	1.8	17
43	Epizootiological investigation of a Q fever outbreak and implications for future control strategies. Journal of the American Veterinary Medical Association, 2015, 247, 1379-1386.	0.5	16
44	Early Growth Response Gene 1 Provides Negative Feedback to Inhibit Entry of Progenitor Cells into the Thymus. Journal of Immunology, 2006, 176, 4740-4747.	0.8	15
45	Stability of <i><scp>C</scp>oxiella burnetii</i> in stored human blood. Transfusion, 2013, 53, 1493-1496.	1.6	15
46	Human seroreactivity against Bartonella species in the Democratic Republic of Congo. Asian Pacific Journal of Tropical Medicine, 2011, 4, 320-322.	0.8	13
47	Seroprevalence of <i>Coxiella burnetii</i> Antibodies among Ruminants and Occupationally Exposed People in Thailand, 2012â€"2013. American Journal of Tropical Medicine and Hygiene, 2017, 96, 16-0336.	1.4	13
48	Pediatric Q Fever. Current Infectious Disease Reports, 2020, 22, 1.	3.0	13
49	Prevalence and Risk Factors of Coxiella burnetii Antibodies in Bulk Milk from Cattle, Sheep, and Goats in Jordan. Journal of Food Protection, 2017, 80, 561-566.	1.7	12
50	Massive dispersal of Coxiella burnetii among cattle across the United States. Microbial Genomics, 2016, 2, e000068.	2.0	12
51	Serological Evidence of Coxiella burnetii Infection in Cattle and Goats in Bangladesh. EcoHealth, 2015, 12, 354-358.	2.0	11
52	Ligand-Specific Selection of MHC Class II-Restricted Thymocytes in Fetal Thymic Organ Culture. Journal of Immunology, 2000, 164, 5675-5682.	0.8	10
53	Homeostatic Proliferation of a Qa-1b-Restricted T Cell: A Distinction between the Ligands Required for Positive Selection and for Proliferation in Lymphopenic Hosts. Journal of Immunology, 2004, 173, 6065-6071.	0.8	10
54	Phylogenetic inference of Coxiella burnetii by 16S rRNA gene sequencing. PLoS ONE, 2017, 12, e0189910.	2.5	10

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55	Acute Q Fever Case Detection among Acute Febrile Illness Patients, Thailand, 2002â€"2005. American Journal of Tropical Medicine and Hygiene, 2018, 98, 252-257.	1.4	10
56	Coxiella burnetii Infection in a Community Operating a Large-Scale Cow and Goat Dairy, Missouri, 2013. American Journal of Tropical Medicine and Hygiene, 2016, 94, 525-531.	1.4	9
57	Trends in Q fever serologic testing by immunofluorescence from four large reference laboratories in the United States, 2012â€"2016. Scientific Reports, 2018, 8, 16670.	3.3	9
58	Transcriptional Control of Thymocyte Positive Selection. Immunologic Research, 2004, 29, 125-138.	2.9	6
59	Prevalence of serum antibodies to <i>Coxiella burnetii</i> in Alaska Native Persons from the Pribilof Islands. Zoonoses and Public Health, 2020, 67, 89-92.	2.2	6
60	Q Fever: A Troubling Disease and a Challenging Diagnosis. Clinical Microbiology Newsletter, 2021, 43, 109-118.	0.7	6
61	Coxiella burnetii exposure in northern sea otters Enhydra lutris kenyoni. Diseases of Aquatic Organisms, 2015, 114, 83-87.	1.0	6
62	Acute and chronic Q fever national surveillance â€" United States, 2008â€"2017. Zoonoses and Public Health, 2022, 69, 73-82.	2.2	6
63	T cell stimulation in the absence of exogenous antigen: a T cell signal is induced by both MHC-dependent and -independent mechanisms. European Journal of Immunology, 2003, 33, 3109-3116.	2.9	5
64	Survey of laboratory animal technicians in the United States for Coxiella burnetii antibodies and exploration of risk factors for exposure. Journal of the American Association for Laboratory Animal Science, 2013, 52, 725-31.	1.2	5
65	Coxiella burnetii antibody seropositivity is not a risk factor for AIDS-related non-Hodgkin lymphoma. Blood, 2017, 129, 3262-3264.	1.4	4
66	Comparison of three <i>Coxiella burnetii</i> infectious routes in mice. Virulence, 2021, 12, 2562-2570.	4.4	4
67	Association Between Serological Responses to Two Zoonotic Ruminant Pathogens and Esophageal Squamous Cell Carcinoma. Vector-Borne and Zoonotic Diseases, 2021, 21, 125-127.	1.5	1
68	Coxiella burnetii infections in mice: Immunological responses to contemporary genotypes found in the US. Virulence, 2021, 12, 2461-2473.	4.4	1
69	E Proteins Enforce Security Checkpoints in the Thymus. Immunity, 2007, 27, 827-829.	14.3	0
70	Trends in Alpha-gal Allergy Diagnostic Testing in the United States, 2010â€"2018. Journal of Allergy and Clinical Immunology, 2020, 145, AB144.	2.9	0
71	HISTOLOGIC LESIONS IN PLACENTAS OF NORTHERN FUR SEALS (CALLORHINUS URSINUS) FROM A POPULATION WITH HIGH PLACENTAL PREVALENCE OF COXIELLA BURNETII. Journal of Wildlife Diseases, 2022, 58, .	0.8	0