Keith A Joiner

List of Publications by Year
in descending order

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101 papers	4,520 citations	87888 38 h-index	106344 65 g-index
101 all docs	101 docs citations	101 times ranked	3263 citing authors

#	Article	IF	Citations
1	Toxoplasma gondii Sequesters Lysosomes from Mammalian Hosts in the Vacuolar Space. Cell, 2006, 125, 261-274.	28.9	311
2	Toxoplasma gondii Exploits Host Low-Density Lipoprotein Receptor-Mediated Endocytosis for Cholesterol Acquisition. Journal of Cell Biology, 2000, 149, 167-180.	5.2	280
3	SAFE HAVEN: The Cell Biology of Nonfusogenic Pathogen Vacuoles. Annual Review of Microbiology, 1997, 51, 415-462.	7.3	217
4	Golgi biogenesis in Toxoplasma gondii. Nature, 2002, 418, 548-552.	27.8	184
5	The Toxoplasma gondii protein ROP2 mediates host organelle association with the parasitophorous vacuole membrane. Journal of Cell Biology, 2001, 154, 95-108.	5.2	181
6	Kinetics and pattern of organelle exocytosis duringToxoplasma gondii/host-cell interaction. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1993, 79, 402-408.	0.8	179
7	Four distinct pathways of hemoglobin uptake in the malaria parasite Plasmodium falciparum. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2463-2468.	7.1	158
8	Host but Not Parasite Cholesterol ControlsToxoplasmaCell Entry by Modulating Organelle Discharge. Molecular Biology of the Cell, 2003, 14, 3804-3820.	2.1	143
9	Secretory traffic in the eukaryotic parasite Toxoplasma gondii. Journal of Cell Biology, 2002, 157, 557-563.	5.2	128
10	The Protozoan Parasite Toxoplasma gondii Targets Proteins to Dense Granules and the Vacuolar Space Using Both Conserved and Unusual Mechanisms. Journal of Cell Biology, 1998, 141, 1323-1333.	5.2	119
11	Targeting to rhoptry organelles of Toxoplasma gondii involves evolutionarily conserved mechanisms.. Nature Cell Biology, 2000, 2, 449-456.	10.3	116
12	The Cathepsin B of Toxoplasma gondii,Toxopain-1, Is Critical for Parasite Invasion and Rhoptry Protein Processing. Journal of Biological Chemistry, 2002, 277, 25791-25797.	3.4	91
13	Selective Disruption of Phosphatidylcholine Metabolism of the Intracellular Parasite Toxoplasma gondii Arrests Its Growth. Journal of Biological Chemistry, 2005, 280, 16345-16353.	3.4	87
14	Host cell lipids control cholesteryl ester synthesis and storage in intracellular Toxoplasma. Cellular Microbiology, 2005, 7, 849-867.	2.1	81
15	AP-1 in Toxoplasma gondii Mediates Biogenesis of the Rhoptry Secretory Organelle from a Post-Golgi Compartment. Journal of Biological Chemistry, 2003, 278, 5343-5352.	3.4	75
16	Induced Activation of the Toxoplasma gondiiNucleoside Triphosphate Hydrolase Leads to Depletion of Host Cell ATP Levels and Rapid Exit of Intracellular Parasites from Infected Cells. Journal of Biological Chemistry, 1998, 273, 12352-12359.	3.4	72
17	An analysis of theCandida albicans genome database for soluble secreted proteins using computer-based prediction algorithms. Yeast, 2003, 20, 595-610.	1.7	70
18	A Study of Optimal Reaction Conditions for an Assay of the Human Alternative Complement Pathway. American Journal of Clinical Pathology, 1983, 79, 65-72.	0.7	68

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19	Strategies of obligate intracellular parasites for evading host defences. Trends in Immunology, 1991, 12, A22-A27.	7.5	68
20	Are rhoptries in Apicomplexan parasites secretory granules or secretory lysosomal granules?. Molecular Microbiology, 2004, 52, 1531-1541.	2.5	65
21	Targeted Reduction of Nucleoside Triphosphate Hydrolase by Antisense RNA Inhibits Toxoplasma gondii Proliferation. Journal of Biological Chemistry, 1999, 274, 5083-5087.	3.4	64
22	Differential sorting and post-secretory targeting of proteins in parasitic invasion. Trends in Cell Biology, 2000, 10, 67-72.	7.9	64
23	Cloning of a cDNA encoding the dense granule protein GRA3 from Toxoplasma gondii. Molecular and Biochemical Parasitology, 1994, 68, 247-257.	1.1	63
24	Constitutive Calcium-independent Release of Toxoplasma gondii Dense Granules Occurs through the NSF/SNAP/SNARE/Rab Machinery. Journal of Biological Chemistry, 1999, 274, 2424-2431.	3.4	63
25	On the biogenesis of lipid bodies in ancient eukaryotes: synthesis of triacylglycerols by a Toxoplasma DGAT1-related enzyme. Molecular and Biochemical Parasitology, 2004, 138, 107-122.	1.1	61
26	Toxoplasma gondii tachyzoites possess an unusual plasma membrane adenosine transporter. Molecular and Biochemical Parasitology, 1995, 70, 59-69.	1.1	58
27	Toxoplasma gondii Rab5 enhances cholesterol acquisition from host cells. Cellular Microbiology, 2002, 4, 139-152.	2.1	57
28	Characterisation of Toxoplasma gondii engineered to express mouse interferon-gamma. International Journal for Parasitology, 2003, 33, 1525-1535.	3.1	56
29	Upstream elements required for expression of nucleoside triphosphate hydrolase genes of Toxoplasma gondii1Note: Nucleotide sequences data reported in this paper are available in the GenBankâ„¢ under the accession number U96965.1. Molecular and Biochemical Parasitology, 1998, 92, 229-239.	1.1	54
30	The expression of Toxoplasma proteins in Neospora caninum and the identification of a gene encoding a novel rhoptry protein1Note: Nucleotide sequence data reported in this paper is available in the EMBL GenBankâ„¢ and DDJB databases under the accession number AF011377.1. Molecular and Biochemical Parasitology, 1997, 89, 209-223.	1.1	51
31	A Family of Aspartic Proteases and a Novel, Dynamic and Cell-Cycle-Dependent Protease Localization in the Secretory Pathway of Toxoplasma gondii. Traffic, 2007, 8, 1018-1034.	2.7	51
32	Neutral lipid synthesis and storage in the intraerythrocytic stages of Plasmodium falciparum. Molecular and Biochemical Parasitology, 2004, 135, 197-209.	1.1	50
33	Actin is required for endocytic trafficking in the malaria parasite Plasmodium falciparum. Cellular Microbiology, 2007, 10, 071018055442001-???.	2.1	50
34	Targeting and Subcellular Localization of Toxoplasma gondii Catalase. Journal of Biological Chemistry, 2000, 275, 1112-1118.	3.4	49
35	Pleiotropic effect due to targeted depletion of secretory rhoptry protein ROP2 inToxoplasma gondii. Journal of Cell Science, 2003, 116, 2311-2320.	2.0	49
36	Peculiarities of Host Cholesterol Transport to the Unique Intracellular Vacuole Containing Toxoplasma. Traffic, 2005, 6, 1125-1141.	2.7	46

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37	The Plasmodium falciparum Vps4 homolog mediates multivesicular body formation. Journal of Cell Science, 2004, 117, 3831-3838.	2.0	44
38	The role of complement in host resistance to bacteria. Seminars in Immunopathology, 1983, 6, 349-360.	4.0	43
39	Differential Effects of Quinoline Antimalarials on Endocytosis inPlasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2008, 52, 1840-1842.	3.2	41
40	Serum complement activation in central nervous system disease in sjÃ¶gren's syndrome. American Journal of Medicine, 1988, 85, 513-518.	1.5	38
41	Toxoplasma gondii Rab6 Mediates a Retrograde Pathway for Sorting of Constitutively Secreted Proteins to the Golgi Complex. Journal of Biological Chemistry, 2003, 278, 5433-5443.	3.4	38
42	Toxoplasma gondii is capable of exogenous folate transport. Molecular and Biochemical Parasitology, 2005, 144, 44-54.	1.1	38
43	Traffic to the Malaria Parasite Food Vacuole. Journal of Biological Chemistry, 2007, 282, 11499-11508.	3.4	37
44	Toxopain-1 Is Critical for Infection in a Novel Chicken Embryo Model of Congenital Toxoplasmosis. Infection and Immunity, 2004, 72, 2915-2921.	2.2	34
45	Eosin B as a Novel Antimalarial Agent for Drug-Resistant Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2006, 50, 3132-3141.	3.2	34
46	Novel roles for ATPâ€binding cassette G transporters in lipid redistribution in Toxoplasma. Molecular Microbiology, 2010, 76, 1232-1249.	2.5	34
47	Oxidosqualene Cyclase Inhibitors as Antimicrobial Agents. Journal of Medicinal Chemistry, 2003, 46, 4240-4243.	6.4	33
48	Endocytosis in different lifestyles of protozoan parasitism: role in nutrient uptake with special reference to Toxoplasma gondii. International Journal for Parasitology, 2001, 31, 1343-1353.	3.1	32
49	Transmembrane Domain Modulates Sorting of Membrane Proteins in Toxoplasma gondii. Journal of Biological Chemistry, 2004, 279, 26052-26057.	3.4	31
50	Developmentally-Regulated Virulence Factors of Trypanosoma cruzi and Their Relationship to Evasion of Host Defences. Journal of Eukaryotic Microbiology, 1993, 40, 207-213.	1.7	27
51	Coinfection of fibroblasts with Coxiella burnetti and Toxoplasma gondii: to each their own. Microbes and Infection, 2000, 2, 727-736.	1.9	23
52	Toxoplasma gondii: Are Host Cell Adenosine Nucleotides a Direct Source for Purine Salvage?. Experimental Parasitology, 2000, 95, 148-153.	1.2	23
53	Quantitation of activation of the human terminal complement pathway by ELISA. Journal of Immunological Methods, 1985, 85, 245-256.	1.4	22
54	Toxoplasma gondii ADP-ribosylation Factor 1 Mediates Enhanced Release of Constitutively Secreted Dense Granule Proteins. Journal of Biological Chemistry, 2001, 276, 18272-18281.	3.4	22

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55	A Molecular Docking Strategy Identifies Eosin B as a Non-active Site Inhibitor of Protozoal Bifunctional Thymidylate Synthase-Dihydrofolate Reductase. Journal of Biological Chemistry, 2003, 278, 14092-14100.	3.4	22
56	Cytoplasmic tail motifs mediate endoplasmic reticulum localization and export of transmembrane reporters in the protozoan parasite Toxoplasma gondii. Cellular Microbiology, 2000, 2, 569-578.	2.1	20
57	Targeting the Secretory Pathway ofToxoplasma gondii. Methods, 1997, 13, 103-111.	3.8	19
58	Protein-targeting determinants in the secretory pathway of apicomplexan parasites. Current Opinion in Microbiology, 2000, 3, 422-428.	5.1	15
59	A Strategy for Allocating Central Funds to Support New Faculty Recruitment. Academic Medicine, 2005, 80, 218-224.	1.6	15
60	Improving Clinical Productivity in the Academic Setting: A Novel Incentive Plan Based on Utility Theory. Academic Medicine, 2006, 81, 306-316.	1.6	15
61	A sensitive microassay for the murine alternative compliment pathway. Journal of Immunological Methods, 1979, 31, 283-290.	1.4	14
62	Studies of antibody and complement function in host defense against bacterial infection. Immunology Letters, 1987, 14, 197-202.	2.5	13
63	Complement evasion by protozoa. Experimental Parasitology, 1989, 68, 474-481.	1.2	13
64	Timing of Revenue Streams from Newly Recruited Faculty: Implications for Faculty Retention. Academic Medicine, 2007, 82, 1228-1238.	1.6	12
65	Strategies of obligate intracellular parasites for evading host defences. Parasitology Today, 1991, 7, 22-27.	3.0	11
66	Selection based on the expression of antisense hypoxanthine-xanthine-guanine-phosphoribosyltransferase RNA in Toxoplasma gondii. Molecular and Biochemical Parasitology, 2000, 110, 43-51.	1.1	11
67	Strategies for Defining Financial Benchmarks for the Research Mission in Academic Health Centers. Academic Medicine, 2005, 80, 211-217.	1.6	11
68	Toxoplasma gondii: conserved protein machinery in an unusual secretory pathway?. Microbes and Infection, 2000, 2, 137-144.	1.9	9
69	Sponsored-Research Funding by Newly Recruited Assistant Professors: Can It Be Modeled as a Sequential Series of Uncertain Events?. Academic Medicine, 2004, 79, 633-643.	1.6	9
70	Supporting the Academic Mission in an Era of Constrained Resources: Approaches at the University of Arizona College of Medicine. Academic Medicine, 2008, 83, 837-844.	1.6	9
71	Introduction of Caveolae Structural Proteins into the Protozoan Toxoplasma Results in the Formation of Heterologous Caveolae but Not Caveolar Endocytosis. PLoS ONE, 2012, 7, e51773.	2.5	9
72	Parasiteâ€“host cell interactions in toxoplasmosis: new avenues for intervention?. Expert Reviews in Molecular Medicine, 2001, 3, 1-20.	3.9	8

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73	A review of the economics of adult congenital heart disease. Expert Review of Pharmacoeconomics and Outcomes Research, 2016, 16, 85-96.	1.4	8
74	En route to the vacuole. Advances in Cellular and Molecular Biology of Membranes and Organelles, 1999, 6, 233-261.	0.3	7
75	Resource Allocation in Academic Health Centers: Creating Common Metrics. Academic Medicine, 2011, 86, 1084-1092.	1.6	7
76	Distinguishing moral hazard from access for high-cost healthcare under insurance. PLoS ONE, 2020, 15, e0231768.	2.5	7
77	Activation of the Alternative Complement Pathway by Blood Culture Isolates of Bacteroides fragilis. Infection and Immunity, 1981, 34, 303-305.	2.2	7
78	Using Utility Theory to Optimize a Salary Incentive Plan for Grant-Funded Faculty. Academic Medicine, 2004, 79, 652-660.	1.6	6
79	Avoiding the winnerâ€™s curse in faculty recruitment. American Journal of Medicine, 2005, 118, 1290-1294.	1.5	6
80	The not-for-profit form and translational research: Kerr revisited?. Journal of Translational Medicine, 2005, 3, 19.	4.4	6
81	Phoenix Rises, with TucsonÊ¼s Help: Establishing the First Four-Year Allopathic Program in the NationÊ¼s Fifth Largest City. Academic Medicine, 2007, 82, 1126-1138.	1.6	6
82	A Comprehensive Space Management Model for Facilitating Programmatic Research. Academic Medicine, 2008, 83, 207-216.	1.6	6
83	A Simple Model to Optimize Resource Allocations When Expanding the Faculty Research Base: A Case Study. Academic Medicine, 2009, 84, 13-25.	1.6	6
84	Potassium Cyanide Protects Escherichia Coli from Complement Killing by the Inhibition of C3 Convertase Activity. Immunological Investigations, 1993, 22, 127-149.	2.0	5
85	Functional Competence of Peritoneal Macrophages in Murine Lyme Borreliosis. Inflammation, 2000, 24, 277-288.	3.8	5
86	Plasmodium falciparum: Discovery of peroxidase active organelles. Experimental Parasitology, 2005, 111, 133-136.	1.2	5
87	Perspective. Academic Medicine, 2012, 87, 230-235.	1.6	5
88	Lytic rabbit IgG for tissue culture trypomastigotes of Trypanosoma cruzi alters the extent and form of complement deposition. Experimental Parasitology, 1989, 68, 160-167.	1.2	4
89	Integrating geriatrics and subspecialty internal medicine: results of a survey on patient care practices, training, attitudes, and research44The authors thank Charlene Bloch and Setsuko Chambers (New) Tj ETQq1 1 0.784314 rgBT /Overlo Medicine, 2002, 112, 249-254.	1.5	4
90	A problem not yet manifest: gaps in insurance coverage of medical interventions after genetic testing. Journal of Law and the Biosciences, 2015, 2, lsv043.	1.6	4

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91	Supporting research in departments of internal medicine: recommendations for NIH. American Journal of Medicine, 2000, 109, 178-180.	1.5	2
92	Commentary: Evaluating Faculty Productivity in Research: An Interesting Approach, but Questions Remain. Academic Medicine, 2009, 84, 1482-1484.	1.6	2
93	Indemnifying precaution: economic insights for regulation of a highly infectious disease. Journal of Law and the Biosciences, 2020, 7, lsaa032.	1.6	2
94	Physician Incentive Compensation Plans in Academic Medical Centers: The Imperative to Prioritize Value. American Journal of Medicine, 2021, 134, 1344-1349.	1.5	2
95	Distinguishing moral hazard from access for high-cost healthcare under insurance. , 2020, 15, e0231768.		0
96	Distinguishing moral hazard from access for high-cost healthcare under insurance. , 2020, 15, e0231768.		0
97	Distinguishing moral hazard from access for high-cost healthcare under insurance. , 2020, 15, e0231768.		0
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100	Distinguishing moral hazard from access for high-cost healthcare under insurance. , 2020, 15, e0231768.		0
101	Outsourcing in the Healthcare Industry. , 0, , 1733-1759.		0