

Keith A Joiner

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99
papers

3,936
citations

37
h-index

61
g-index

101
ext. papers

4,229
ext. citations

5.7
avg, IF

4.94
L-index

#	Paper	IF	Citations
99	<i>Toxoplasma gondii</i> sequesters lysosomes from mammalian hosts in the vacuolar space. <i>Cell</i> , 2006 , 125, 261-74	56.2	246
98	<i>Toxoplasma gondii</i> exploits host low-density lipoprotein receptor-mediated endocytosis for cholesterol acquisition. <i>Journal of Cell Biology</i> , 2000 , 149, 167-80	7.3	229
97	Safe haven: the cell biology of nonfusogenic pathogen vacuoles. <i>Annual Review of Microbiology</i> , 1997 , 51, 415-62	17.5	197
96	The <i>Toxoplasma gondii</i> protein ROP2 mediates host organelle association with the parasitophorous vacuole membrane. <i>Journal of Cell Biology</i> , 2001 , 154, 95-108	7.3	169
95	Golgi biogenesis in <i>Toxoplasma gondii</i> . <i>Nature</i> , 2002 , 418, 548-52	50.4	164
94	Kinetics and pattern of organelle exocytosis during <i>Toxoplasma gondii</i> /host-cell interaction. <i>Zeitschrift für Parasitenkunde (Berlin, Germany)</i> , 1993 , 79, 402-8		155
93	Four distinct pathways of hemoglobin uptake in the malaria parasite <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2463-8	11.5	128
92	Secretory traffic in the eukaryotic parasite <i>Toxoplasma gondii</i> : less is more. <i>Journal of Cell Biology</i> , 2002 , 157, 557-63	7.3	117
91	Targeting to rhoptry organelles of <i>Toxoplasma gondii</i> involves evolutionarily conserved mechanisms. <i>Nature Cell Biology</i> , 2000 , 2, 449-56	23.4	115
90	Host but not parasite cholesterol controls <i>Toxoplasma</i> cell entry by modulating organelle discharge. <i>Molecular Biology of the Cell</i> , 2003 , 14, 3804-20	3.5	111
89	The protozoan parasite <i>Toxoplasma gondii</i> targets proteins to dense granules and the vacuolar space using both conserved and unusual mechanisms. <i>Journal of Cell Biology</i> , 1998 , 141, 1323-33	7.3	109
88	The cathepsin B of <i>Toxoplasma gondii</i> , toxopain-1, is critical for parasite invasion and rhoptry protein processing. <i>Journal of Biological Chemistry</i> , 2002 , 277, 25791-7	5.4	80
87	Host cell lipids control cholesteryl ester synthesis and storage in intracellular <i>Toxoplasma</i> . <i>Cellular Microbiology</i> , 2005 , 7, 849-67	3.9	73
86	AP-1 in <i>Toxoplasma gondii</i> mediates biogenesis of the rhoptry secretory organelle from a post-Golgi compartment. <i>Journal of Biological Chemistry</i> , 2003 , 278, 5343-52	5.4	71
85	Selective disruption of phosphatidylcholine metabolism of the intracellular parasite <i>Toxoplasma gondii</i> arrests its growth. <i>Journal of Biological Chemistry</i> , 2005 , 280, 16345-53	5.4	67
84	An analysis of the <i>Candida albicans</i> genome database for soluble secreted proteins using computer-based prediction algorithms. <i>Yeast</i> , 2003 , 20, 595-610	3.4	64
83	Are rhoptries in Apicomplexan parasites secretory granules or secretory lysosomal granules?. <i>Molecular Microbiology</i> , 2004 , 52, 1531-41	4.1	62

82	Induced activation of the <i>Toxoplasma gondii</i> nucleoside triphosphate hydrolase leads to depletion of host cell ATP levels and rapid exit of intracellular parasites from infected cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 12352-9	5.4	61
81	Targeted reduction of nucleoside triphosphate hydrolase by antisense RNA inhibits <i>Toxoplasma gondii</i> proliferation. <i>Journal of Biological Chemistry</i> , 1999 , 274, 5083-7	5.4	61
80	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	1.9	60
79	Differential sorting and post-secretory targeting of proteins in parasitic invasion. <i>Trends in Cell Biology</i> , 2000 , 10, 67-72	18.3	58
78	Constitutive calcium-independent release of <i>Toxoplasma gondii</i> dense granules occurs through the NSF/SNAP/SNARE/Rab machinery. <i>Journal of Biological Chemistry</i> , 1999 , 274, 2424-31	5.4	57
77	Characterisation of <i>Toxoplasma gondii</i> engineered to express mouse interferon-gamma. <i>International Journal for Parasitology</i> , 2003 , 33, 1525-35	4.3	54
76	On the biogenesis of lipid bodies in ancient eukaryotes: synthesis of triacylglycerols by a <i>Toxoplasma</i> DGAT1-related enzyme. <i>Molecular and Biochemical Parasitology</i> , 2004 , 138, 107-22	1.9	53
75	Cloning of a cDNA encoding the dense granule protein GRA3 from <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 1994 , 68, 247-57	1.9	53
74	Upstream elements required for expression of nucleoside triphosphate hydrolase genes of <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 1998 , 92, 229-39	1.9	50
73	The expression of <i>Toxoplasma</i> proteins in <i>Neospora caninum</i> and the identification of a gene encoding a novel rhoptry protein. <i>Molecular and Biochemical Parasitology</i> , 1997 , 89, 209-23	1.9	49
72	<i>Toxoplasma gondii</i> Rab5 enhances cholesterol acquisition from host cells. <i>Cellular Microbiology</i> , 2002 , 4, 139-52	3.9	49
71	Pleiotropic effect due to targeted depletion of secretory rhoptry protein ROP2 in <i>Toxoplasma gondii</i> . <i>Journal of Cell Science</i> , 2003 , 116, 2311-20	5.3	49
70	<i>Toxoplasma gondii</i> tachyzoites possess an unusual plasma membrane adenosine transporter. <i>Molecular and Biochemical Parasitology</i> , 1995 , 70, 59-69	1.9	49
69	Strategies of obligate intracellular parasites for evading host defences. <i>Trends in Immunology</i> , 1991 , 12, A22-7		49
68	Neutral lipid synthesis and storage in the intraerythrocytic stages of <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2004 , 135, 197-209	1.9	43
67	The <i>Plasmodium falciparum</i> Vps4 homolog mediates multivesicular body formation. <i>Journal of Cell Science</i> , 2004 , 117, 3831-8	5.3	42
66	Actin is required for endocytic trafficking in the malaria parasite <i>Plasmodium falciparum</i> . <i>Cellular Microbiology</i> , 2008 , 10, 452-64	3.9	41
65	Targeting and subcellular localization of <i>Toxoplasma gondii</i> catalase. Identification of peroxisomes in an apicomplexan parasite. <i>Journal of Biological Chemistry</i> , 2000 , 275, 1112-8	5.4	41

64	Peculiarities of host cholesterol transport to the unique intracellular vacuole containing Toxoplasma. <i>Traffic</i> , 2005 , 6, 1125-41	5-7	40
63	A family of aspartic proteases and a novel, dynamic and cell-cycle-dependent protease localization in the secretory pathway of Toxoplasma gondii. <i>Traffic</i> , 2007 , 8, 1018-34	5-7	38
62	Differential effects of quinoline antimalarials on endocytosis in Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1840-2	5-9	36
61	Toxoplasma gondii Rab6 mediates a retrograde pathway for sorting of constitutively secreted proteins to the Golgi complex. <i>Journal of Biological Chemistry</i> , 2003 , 278, 5433-43	5-4	35
60	The role of complement in host resistance to bacteria. <i>Seminars in Immunopathology</i> , 1983 , 6, 349-60		34
59	Oxidosqualene cyclase inhibitors as antimicrobial agents. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 4240-8.3		33
58	Toxopain-1 is critical for infection in a novel chicken embryo model of congenital toxoplasmosis. <i>Infection and Immunity</i> , 2004 , 72, 2915-21	3-7	32
57	Toxoplasma gondii is capable of exogenous folate transport. A likely expansion of the BT1 family of transmembrane proteins. <i>Molecular and Biochemical Parasitology</i> , 2005 , 144, 44-54	1-9	32
56	Novel roles for ATP-binding cassette G transporters in lipid redistribution in Toxoplasma. <i>Molecular Microbiology</i> , 2010 , 76, 1232-49	4-1	31
55	Traffic to the malaria parasite food vacuole: a novel pathway involving a phosphatidylinositol 3-phosphate-binding protein. <i>Journal of Biological Chemistry</i> , 2007 , 282, 11499-508	5-4	30
54	Serum complement activation in central nervous system disease in Sjögren's syndrome. <i>American Journal of Medicine</i> , 1988 , 85, 513-8	2-4	29
53	Transmembrane domain modulates sorting of membrane proteins in Toxoplasma gondii. <i>Journal of Biological Chemistry</i> , 2004 , 279, 26052-7	5-4	28
52	Eosin B as a novel antimalarial agent for drug-resistant Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3132-41	5-9	27
51	Endocytosis in different lifestyles of protozoan parasitism: role in nutrient uptake with special reference to Toxoplasma gondii. <i>International Journal for Parasitology</i> , 2001 , 31, 1343-53	4-3	27
50	Coinfection of fibroblasts with Coxiella burnetii and Toxoplasma gondii: to each their own. <i>Microbes and Infection</i> , 2000 , 2, 727-36	9-3	23
49	Developmentally-regulated virulence factors of Trypanosoma cruzi and their relationship to evasion of host defences. <i>Journal of Eukaryotic Microbiology</i> , 1993 , 40, 207-13	3-6	22
48	A molecular docking strategy identifies Eosin B as a non-active site inhibitor of protozoal bifunctional thymidylate synthase-dihydrofolate reductase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14092-100	5-4	21
47	Toxoplasma gondii: are host cell adenosine nucleotides a direct source for purine salvage?. <i>Experimental Parasitology</i> , 2000 , 95, 148-53	2-1	21

46	Quantitation of activation of the human terminal complement pathway by ELISA. <i>Journal of Immunological Methods</i> , 1985 , 85, 245-56	2.5	21
45	Cytoplasmic tail motifs mediate endoplasmic reticulum localization and export of transmembrane reporters in the protozoan parasite <i>Toxoplasma gondii</i> . <i>Cellular Microbiology</i> , 2000 , 2, 569-78	3.9	20
44	Targeting the secretory pathway of <i>Toxoplasma gondii</i> . <i>Methods</i> , 1997 , 13, 103-11	4.6	19
43	<i>Toxoplasma gondii</i> ADP-ribosylation factor 1 mediates enhanced release of constitutively secreted dense granule proteins. <i>Journal of Biological Chemistry</i> , 2001 , 276, 18272-81	5.4	18
42	A strategy for allocating central funds to support new faculty recruitment. <i>Academic Medicine</i> , 2005 , 80, 218-24	3.9	15
41	Improving clinical productivity in the academic setting: a novel incentive plan based on utility theory. <i>Academic Medicine</i> , 2006 , 81, 306-13	3.9	14
40	Protein-targeting determinants in the secretory pathway of apicomplexan parasites. <i>Current Opinion in Microbiology</i> , 2000 , 3, 422-8	7.9	14
39	Complement evasion by protozoa. <i>Experimental Parasitology</i> , 1989 , 68, 474-81	2.1	12
38	A sensitive microassay for the murine alternative complement pathway. <i>Journal of Immunological Methods</i> , 1979 , 31, 283-90	2.5	12
37	Timing of revenue streams from newly recruited faculty: implications for faculty retention. <i>Academic Medicine</i> , 2007 , 82, 1228-38	3.9	11
36	Selection based on the expression of antisense hypoxanthine-xanthine-guanine-phosphoribosyltransferase RNA in <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 2000 , 110, 43-51	1.9	11
35	Strategies of obligate intracellular parasites for evading host defences. <i>Parasitology Today</i> , 1991 , 7, 22-27		11
34	Studies of antibody and complement function in host defense against bacterial infection. <i>Immunology Letters</i> , 1987 , 14, 197-202	4.1	11
33	Strategies for defining financial benchmarks for the research mission in academic health centers. <i>Academic Medicine</i> , 2005 , 80, 211-7	3.9	9
32	Supporting the academic mission in an era of constrained resources: approaches at the University of Arizona College of Medicine. <i>Academic Medicine</i> , 2008 , 83, 837-44	3.9	8
31	Sponsored-research funding by newly recruited assistant professors: can it be modeled as a sequential series of uncertain events?. <i>Academic Medicine</i> , 2004 , 79, 633-43	3.9	8
30	<i>Toxoplasma gondii</i> : conserved protein machinery in an unusual secretory pathway?. <i>Microbes and Infection</i> , 2000 , 2, 137-44	9.3	8
29	A review of the economics of adult congenital heart disease. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2016 , 16, 85-96	2.2	6

28	Introduction of caveolae structural proteins into the protozoan <i>Toxoplasma</i> results in the formation of heterologous caveolae but not caveolar endocytosis. <i>PLoS ONE</i> , 2012 , 7, e51773	3.7	6
27	Resource allocation in academic health centers: creating common metrics. <i>Academic Medicine</i> , 2011 , 86, 1084-92	3.9	6
26	A simple model to optimize resource allocations when expanding the faculty research base: a case study. <i>Academic Medicine</i> , 2009 , 84, 13-25	3.9	6
25	A comprehensive space management model for facilitating programmatic research. <i>Academic Medicine</i> , 2008 , 83, 207-16	3.9	6
24	Phoenix rises, with Tucson's help: establishing the first four-year allopathic program in the nation's fifth largest city. <i>Academic Medicine</i> , 2007 , 82, 1126-38	3.9	6
23	Using utility theory to optimize a salary incentive plan for grant-funded faculty. <i>Academic Medicine</i> , 2004 , 79, 652-60	3.9	6
22	En route to the vacuole: Tracing the secretory pathway of <i>Toxoplasma gondii</i> . <i>Advances in Cellular and Molecular Biology of Membranes and Organelles</i> , 1999 , 6, 233-261		6
21	Avoiding the winner's curse in faculty recruitment. <i>American Journal of Medicine</i> , 2005 , 118, 1290-4	2.4	5
20	<i>Plasmodium falciparum</i> : discovery of peroxidase active organelles. <i>Experimental Parasitology</i> , 2005 , 111, 133-6	2.1	5
19	Perspective: key indicators in academic medicine: a suggested framework for analysis. <i>Academic Medicine</i> , 2012 , 87, 230-5	3.9	5
18	Potassium cyanide protects <i>Escherichia coli</i> from complement killing by the inhibition of C3 convertase activity. <i>Immunological Investigations</i> , 1993 , 22, 127-49	2.9	4
17	A problem not yet manifest: gaps in insurance coverage of medical interventions after genetic testing. <i>Journal of Law and the Biosciences</i> , 2015 , 2, 729-735	4.1	3
16	Integrating geriatrics and subspecialty internal medicine: results of a survey on patient care practices, training, attitudes, and research. <i>American Journal of Medicine</i> , 2002 , 112, 249-54	2.4	3
15	Lytic rabbit IgG for tissue culture trypomastigotes of <i>Trypanosoma cruzi</i> alters the extent and form of complement deposition. <i>Experimental Parasitology</i> , 1989 , 68, 160-7	2.1	3
14	Commentary: Evaluating faculty productivity in research: an interesting approach, but questions remain. <i>Academic Medicine</i> , 2009 , 84, 1482-4	3.9	2
13	Functional Competence of Peritoneal Macrophages in Murine Lyme Borreliosis. <i>Inflammation</i> , 2000 , 24, 277-288	5.1	2
12	Activation of the alternative complement pathway by blood culture isolates of <i>Bacteroides fragilis</i> . <i>Infection and Immunity</i> , 1981 , 34, 303-5	3.7	2
11	Indemnifying precaution: economic insights for regulation of a highly infectious disease. <i>Journal of Law and the Biosciences</i> , 2020 , 7, lsa032	4.1	2

10	Distinguishing moral hazard from access for high-cost healthcare under insurance. <i>PLoS ONE</i> , 2020 , 15, e0231768	3.7	2
9	Supporting research in departments of internal medicine: recommendations for NIH. <i>American Journal of Medicine</i> , 2000 , 109, 178-80	2.4	1
8	Physician Incentive Compensation Plans in Academic Medical Centers: The Imperative to Prioritize Value. <i>American Journal of Medicine</i> , 2021 , 134, 1344-1349	2.4	
7	Distinguishing moral hazard from access for high-cost healthcare under insurance 2020 , 15, e0231768		
6	Distinguishing moral hazard from access for high-cost healthcare under insurance 2020 , 15, e0231768		
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1	Outsourcing in the Healthcare Industry 1733-1759		