Kelly L Rogers

List of Publications by Year
in descending order

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64 papers	4,648 citations	126907 33 h-index	118850 62 g-index
70 all docs	70 docs citations	70 times ranked	6512 citing authors

#	Article	IF	Citations
1	Transcriptional modification of host cells harboring Toxoplasma gondii bradyzoites prevents IFN gamma-mediated cell death. Cell Host and Microbe, 2022, 30, 232-247.e6.	11.0	15
2	Protein kinase R is an innate immune sensor of proteotoxic stress via accumulation of cytoplasmic IL-24. Science Immunology, 2022, 7, eabi6763.	11.9	22
3	RhopH2 and RhopH3 export enables assembly of the RhopH complex on P. falciparum-infected erythrocyte membranes. Communications Biology, 2022, 5, 333.	4.4	5
4	Activation mechanism of PINK1. Nature, 2022, 602, 328-335.	27.8	59
5	Deficiency in coatomer complex I causes aberrant activation of STING signalling. Nature Communications, 2022, 13, 2321.	12.8	43
6	Epigenetic modulators of B cell fate identified through coupled phenotype-transcriptome analysis. Cell Death and Differentiation, 2022, 29, 2519-2530.	11.2	5
7	Macrophages provide a transient muscle stem cell niche via NAMPT secretion. Nature, 2021, 591, 281-287.	27.8	111
8	A toolbox for imaging RIPK1, RIPK3, and MLKL in mouse and human cells. Cell Death and Differentiation, 2021, 28, 2126-2144.	11.2	37
9	Effector and stem-like memory cell fates are imprinted in distinct lymph node niches directed by CXCR3 ligands. Nature Immunology, 2021, 22, 434-448.	14.5	66
10	Chromosomes distribute randomly to, but not within, human neutrophil nuclear lobes. IScience, 2021, 24, 102161.	4.1	8
11	4D analysis of malaria parasite invasion offers insights into erythrocyte membrane remodeling and parasitophorous vacuole formation. Nature Communications, 2021, 12, 3620.	12.8	38
12	The site of breast cancer metastases dictates their clonal composition and reversible transcriptomic profile. Science Advances, 2021, 7, .	10.3	23
13	Spatial omics and multiplexed imaging to explore cancer biology. Nature Methods, 2021, 18, 997-1012.	19.0	279
14	Imaging Africa: a strategic approach to optical microscopy training in Africa. Nature Methods, 2021, 18, 847-855.	19.0	4
15	Alectinib induces marked red cell spheroacanthocytosis in a near-ubiquitous fashion and is associated with reduced eosin-5-maleimide binding. Pathology, 2021, 53, 608-612.	0.6	9
16	The neuropeptide VIP confers anticipatory mucosal immunity by regulating ILC3 activity. Nature Immunology, 2020, 21, 168-177.	14.5	133
17	TDP-43 Triggers Mitochondrial DNA Release via mPTP to Activate cGAS/STING in ALS. Cell, 2020, 183, 636-649.e18.	28.9	453
18	Flexible Usage and Interconnectivity of Diverse Cell Death Pathways Protect against Intracellular Infection. Immunity, 2020, 53, 533-547.e7.	14.3	98

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19	An Erg-driven transcriptional program controls B cell lymphopoiesis. Nature Communications, 2020, 11, 3013.	12.8	29
20	MLKL trafficking and accumulation at the plasma membrane control the kinetics and threshold for necroptosis. Nature Communications, 2020, 11, 3151.	12.8	194
21	BAK/BAX macropores facilitate mitochondrial herniation and mtDNA efflux during apoptosis. Science, 2018, 359, .	12.6	581
22	Monosodium Urate Crystals Generate Nuclease-Resistant Neutrophil Extracellular Traps via a Distinct Molecular Pathway. Journal of Immunology, 2018, 200, 1802-1816.	0.8	98
23	Smchd1 Targeting to the Inactive X Is Dependent on the Xist-HnrnpK-PRC1 Pathway. Cell Reports, 2018, 25, 1912-1923.e9.	6.4	56
24	Converse Smith-Martin cell cycle kinetics by transformed B lymphocytes. Cell Cycle, 2018, 17, 2041-2051.	2.6	4
25	The reinvention of twentieth century microscopy for threeâ€dimensional imaging. Immunology and Cell Biology, 2017, 95, 520-524.	2.3	19
26	Cell Traversal Activity Is Important for Plasmodium falciparum Liver Infection in Humanized Mice. Cell Reports, 2017, 18, 3105-3116.	6.4	91
27	Analysis of Ca ² ⁺ mediated signaling regulating Toxoplasma infectivity reveals complex relationships between key molecules. Cellular Microbiology, 2017, 19, e12685.	2.1	48
28	Plasmodium falciparum ligand binding to erythrocytes induce alterations in deformability essential for invasion. ELife, 2017, 6, .	6.0	57
29	Localization-based imaging of malarial antigens during red cell entry reaffirms role for AMA1 but not MTRAP in invasion. Journal of Cell Science, 2016, 129, 228-42.	2.0	16
30	Cancer cell CCL5 mediates bone marrow independent angiogenesis in breast cancer. Oncotarget, 2016, 7, 85437-85449.	1.8	26
31	Essential Role of the PfRh5/PfRipr/CyRPA Complex during Plasmodium falciparum Invasion of Erythrocytes. Cell Host and Microbe, 2016, 20, 60-71.	11.0	170
32	Localization of dipeptidyl peptidase-4 (CD26) to human pancreatic ducts and islet alpha cells. Diabetes Research and Clinical Practice, 2015, 110, 291-300.	2.8	25
33	Significant Accumulation of Polymyxin in Single Renal Tubular Cells: A Medicinal Chemistry and Triple Correlative Microscopy Approach. Analytical Chemistry, 2015, 87, 1590-1595.	6.5	54
34	Major Pathways of Polymyxin-Induced Apoptosis in Rat Kidney Proximal Tubular Cells. Antimicrobial Agents and Chemotherapy, 2015, 59, 2136-2143.	3.2	59
35	Î±/Î²-Peptide Foldamers Targeting Intracellular Proteinâ€“Protein Interactions with Activity in Living Cells. Journal of the American Chemical Society, 2015, 137, 11365-11375.	13.7	101
36	Quantitative analysis of<scp>P</scp>lasmodiumookinete motion in three dimensions suggests a critical role for cell shape in the biomechanics of malaria parasite gliding motility. Cellular Microbiology, 2014, 16, 734-750.	2.1	45

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37	A Step Beyond BRET: Fluorescence by Unbound Excitation from Luminescence (FUEL). Journal of Visualized Experiments, 2014, , .	0.3	2
38	Probing the Penetration of Antimicrobial Polymyxin Lipopeptides into Gram-Negative Bacteria. Bioconjugate Chemistry, 2014, 25, 750-760.	3.6	103
39	A lineage of diploid platelet-forming cells precedes polyploid megakaryocyte formation in the mouse embryo. Blood, 2014, 124, 2725-2729.	1.4	52
40	In Vitro and In Vivo Demonstrations of Fluorescence by Unbound Excitation from Luminescence (FUEL). Methods in Molecular Biology, 2014, 1098, 259-270.	0.9	0
41	Spatial association with PTEX complexes defines regions for effector export into Plasmodium falciparum-infected erythrocytes. Nature Communications, 2013, 4, 1415.	12.8	79
42	In vivo excitation of nanoparticles using luminescent bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8890-8895.	7.1	26
43	Mcl-1 and Bcl-xL coordinately regulate megakaryocyte survival. Blood, 2012, 119, 5850-5858.	1.4	76
44	Neutrophil-Delivered Myeloperoxidase Dampens the Hydrogen Peroxide Burst after Tissue Wounding in Zebrafish. Current Biology, 2012, 22, 1818-1824.	3.9	117
45	Subcompartmentalisation of Proteins in the Rhoptries Correlates with Ordered Events of Erythrocyte Invasion by the Blood Stage Malaria Parasite. PLoS ONE, 2012, 7, e46160.	2.5	41
46	Megakaryocytes possess a functional intrinsic apoptosis pathway that must be restrained to survive and produce platelets. Journal of Experimental Medicine, 2011, 208, 2017-2031.	8.5	162
47	Super-Resolution Dissection of Coordinated Events during Malaria Parasite Invasion of the Human Erythrocyte. Cell Host and Microbe, 2011, 9, 9-20.	11.0	303
48	Fas-mediated neutrophil apoptosis is accelerated by Bid, Bak, and Bax and inhibited by Bcl-2 and Mcl-1. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13135-13140.	7.1	98
49	Validation of method for enhanced production of red-shifted bioluminescent photons in vivo. , 2011, , .		2
50	Isolation of Bioactive Compounds That Relate to the Anti-Platelet Activity ofCymbopogon ambiguus. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	1.2	14
51	Megakaryocytes possess a functional intrinsic apoptosis pathway that must be restrained to survive and produce platelets. Journal of Cell Biology, 2011, 194, i12-i12.	5.2	0
52	The Use of Aequorins to Record and Visualize Ca2+ Dynamics: From Subcellular Microdomains to Whole Organisms. Methods in Cell Biology, 2010, 99, 263-300.	1.1	22
53	Electron-multiplying charge-coupled detector-based bioluminescence recording of single-cell Ca2+. Journal of Biomedical Optics, 2008, 13, 1.	2.6	19
54	New device for real-time bioluminescence imaging in moving rodents. Journal of Biomedical Optics, 2008, 13, 054035.	2.6	33

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55	Red-Shifted Aequorin-Based Bioluminescent Reporters for in Vivo Imaging of Ca ²⁺ Signaling. Molecular Imaging, 2007, 6, 7290.2006.00033.	1.4	41
56	In vivo Bioluminescence Imaging of Ca2+ Signalling in the Brain of Drosophila. PLoS ONE, 2007, 2, e275.	2.5	72
57	Non-Invasive In Vivo Imaging of Calcium Signaling in Mice. PLoS ONE, 2007, 2, e974.	2.5	81
58	Red-shifted aequorin-based bioluminescent reporters for in vivo imaging of Ca2 signaling. Molecular Imaging, 2007, 6, 30-42.	1.4	17
59	Visualization of local Ca2+ dynamics with genetically encoded bioluminescent reporters. European Journal of Neuroscience, 2005, 21, 597-610.	2.6	77
60	Isolation of two phenylethanoid glycosides from Eremophila gilesii. Journal of Ethnopharmacology, 2003, 86, 123-125.	4.1	9
61	Molecular Mechanisms of Migraine. Molecular Diagnosis and Therapy, 2003, 3, 329-343.	3.3	8
62	Fluorescence detection of plant extracts that affect neuronal voltage-gated Ca2+ channels. European Journal of Pharmaceutical Sciences, 2002, 15, 321-330.	4.0	23
63	Modulation of in vitro platelet 5-HT release by species of Erythrina and Cymbopogon. Life Sciences, 2001, 69, 1817-1829.	4.3	17
64	Inhibition of platelet aggregation and 5-HT release by extracts of Australian plants used traditionally as headache treatments. European Journal of Pharmaceutical Sciences, 2000, 9, 355-363.	4.0	51