

# Alexis Kaushansky

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,992  
citations

257101

24  
h-index

264894

42  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete <i>Plasmodium falciparum</i> liver-stage development in liver-chimeric mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 3618-3628.	3.9	200
2	<i>Plasmodium vivax</i> Liver Stage Development and Hypnozoite Persistence in Human Liver-Chimeric Mice. <i>Cell Host and Microbe</i> , 2015, 17, 526-535.	5.1	188
3	Malaria parasites target the hepatocyte receptor EphA2 for successful host infection. <i>Science</i> , 2015, 350, 1089-1092.	6.0	119
4	Model for <i>In Vivo</i> Assessment of Humoral Protection against Malaria Sporozoite Challenge by Passive Transfer of Monoclonal Antibodies and Immune Serum. <i>Infection and Immunity</i> , 2014, 82, 808-817.	1.0	96
5	Suppression of Host p53 Is Critical for <i>Plasmodium</i> Liver-Stage Infection. <i>Cell Reports</i> , 2013, 3, 630-637.	2.9	89
6	Quantifying protein-protein interactions in high throughput using protein domain microarrays. <i>Nature Protocols</i> , 2010, 5, 773-790.	5.5	76
7	A Next-generation Genetically Attenuated <i>Plasmodium falciparum</i> Parasite Created by Triple Gene Deletion. <i>Molecular Therapy</i> , 2014, 22, 1707-1715.	3.7	74
8	A Molecular Signature in Blood Reveals a Role for p53 in Regulating Malaria-Induced Inflammation. <i>Immunity</i> , 2019, 51, 750-765.e10.	6.6	67
9	System-wide Investigation of ErbB4 Reveals 19 Sites of Tyr Phosphorylation that Are Unusually Selective in Their Recruitment Properties. <i>Chemistry and Biology</i> , 2008, 15, 808-817.	6.2	66
10	Tarp regulates early <i>Chlamydia</i> -induced host cell survival through interactions with the human adaptor protein SHC1. <i>Journal of Cell Biology</i> , 2010, 190, 143-157.	2.3	63
11	Malaria parasite liver stages render host hepatocytes susceptible to mitochondria-initiated apoptosis. <i>Cell Death and Disease</i> , 2013, 4, e762-e762.	2.7	59
12	Liver stage malaria infection is controlled by host regulators of lipid peroxidation. <i>Cell Death and Differentiation</i> , 2020, 27, 44-54.	5.0	56
13	Of men in mice: the success and promise of humanized mouse models for human malaria parasite infections. <i>Cellular Microbiology</i> , 2014, 16, 602-611.	1.1	55
14	A quantitative study of the recruitment potential of all intracellular tyrosine residues on EGFR, FGFR1 and IGF1R. <i>Molecular BioSystems</i> , 2008, 4, 643.	2.9	54
15	Linear combinations of docking affinities explain quantitative differences in RTK signaling. <i>Molecular Systems Biology</i> , 2009, 5, 235.	3.2	52
16	Opportunities for Host-targeted Therapies for Malaria. <i>Trends in Parasitology</i> , 2018, 34, 843-860.	1.5	48
17	Next Generation Histology-Directed Imaging Mass Spectrometry Driven by Autofluorescence Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 12404-12413.	3.2	46
18	The crucial role of hepatocyte growth factor receptor during liver-stage infection is not conserved among <i>Plasmodium</i> species. <i>Nature Medicine</i> , 2011, 17, 1180-1181.	15.2	37

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19	Host-based Prophylaxis Successfully Targets Liver Stage Malaria Parasites. <i>Molecular Therapy</i> , 2015, 23, 857-865.	3.7	33
20	Identifying host regulators and inhibitors of liver stage malaria infection using kinase activity profiles. <i>Nature Communications</i> , 2017, 8, 1232.	5.8	33
21	Tyrosine-Phosphorylated Caveolin-1 Blocks Bacterial Uptake by Inducing Vav2-RhoA-Mediated Cytoskeletal Rearrangements. <i>PLoS Biology</i> , 2010, 8, e1000457.	2.6	32
22	Phosphotyrosine Signaling Proteins that Drive Oncogenesis Tend to be Highly Interconnected. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1204-1213.	2.5	31
23	Immunization with genetically attenuated <i>P. falciparum</i> parasites induces long-lived antibodies that efficiently block hepatocyte invasion by sporozoites. <i>Vaccine</i> , 2014, 32, 2135-2138.	1.7	31
24	Development of a quantitative flow cytometry-based assay to assess infection by <i>Plasmodium falciparum</i> sporozoites. <i>Molecular and Biochemical Parasitology</i> , 2012, 183, 100-103.	0.5	30
25	Tensin2 is a novel mediator in thrombopoietin (TPO)-induced cellular proliferation by promoting Akt signaling. <i>Cell Cycle</i> , 2011, 10, 1838-1844.	1.3	29
26	Selection and refinement: the malaria parasite's infection and exploitation of host hepatocytes. <i>Current Opinion in Microbiology</i> , 2015, 26, 71-78.	2.3	28
27	Susceptibility to <i>Plasmodium</i> liver stage infection is altered by hepatocyte polyploidy. <i>Cellular Microbiology</i> , 2014, 16, 784-795.	1.1	24
28	A Structure-Function Analysis of Serine/Threonine Phosphorylation of the Thrombopoietin Receptor, c-Mpl. <i>Journal of Biological Chemistry</i> , 2000, 275, 32214-32219.	1.6	22
29	Susceptibility to <i>Plasmodium yoelii</i> Preerythrocytic Infection in BALB/c Substrains Is Determined at the Point of Hepatocyte Invasion. <i>Infection and Immunity</i> , 2015, 83, 39-47.	1.0	22
30	Crippling life support for SARS-CoV-2 and other viruses through synthetic lethality. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	20
31	Host-directed therapy, an untapped opportunity for antimalarial intervention. <i>Cell Reports Medicine</i> , 2021, 2, 100423.	3.3	19
32	<i>Plasmodium yoelii</i> S4/CeltOS is important for sporozoite gliding motility and cell traversal. <i>Cellular Microbiology</i> , 2018, 20, e12817.	1.1	18
33	The Promise of Systems Biology Approaches for Revealing Host Pathogen Interactions in Malaria. <i>Frontiers in Microbiology</i> , 2017, 8, 2183.	1.5	17
34	Identification of Selective Inhibitors of <i>Plasmodium</i> N-Myristoyltransferase by High-Throughput Screening. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 591-600.	2.9	17
35	<i>Plasmodium</i> Secretion Induces Hepatocyte Lysosome Exocytosis and Promotes Parasite Entry. <i>iScience</i> , 2019, 21, 603-611.	1.9	16
36	Phosphorylated c-Mpl tyrosine 591 regulates thrombopoietin-induced signaling. <i>Experimental Hematology</i> , 2014, 42, 477-486.e4.	0.2	15

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37	Host-targeted Interventions as an Exciting Opportunity to Combat Malaria. <i>Chemical Reviews</i> , 2021, 121, 10452-10468.	23.0	15
38	Antibody interference by a non-neutralizing antibody abrogates humoral protection against <i>Plasmodium yoelii</i> liver stage. <i>Cell Reports</i> , 2021, 36, 109489.	2.9	14
39	Host ER stress during malaria parasite infection. <i>EMBO Reports</i> , 2015, 16, 883-884.	2.0	12
40	Alterations in Phosphorylation of Hepatocyte Ribosomal Protein S6 Control <i>Plasmodium</i> Liver Stage Infection. <i>Cell Reports</i> , 2019, 26, 3391-3399.e4.	2.9	11
41	A genome-wide CRISPR-Cas9 screen identifies CENPJ as a host regulator of altered microtubule organization during <i>Plasmodium</i> liver infection. <i>Cell Chemical Biology</i> , 2022, 29, 1419-1433.e5.	2.5	10
42	Exploiting polypharmacology to dissect host kinases and kinase inhibitors that modulate endothelial barrier integrity. <i>Cell Chemical Biology</i> , 2021, , .	2.5	9
43	Systems Biology of Megakaryocytes. <i>Advances in Experimental Medicine and Biology</i> , 2014, 844, 59-84.	0.8	8
44	Flow Cytometry-Based Assessment of Antibody Function Against Malaria Pre-erythrocytic Infection. <i>Methods in Molecular Biology</i> , 2015, 1325, 49-58.	0.4	6
45	Cyclosporine Induces Fenestra-Associated Injury in Human Renal Microvessels <i>In Vitro</i> . <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 196-207.	2.6	4
46	Germinal center activity and B cell maturation are associated with protective antibody responses against <i>Plasmodium</i> pre-erythrocytic infection. <i>PLoS Pathogens</i> , 2022, 18, e1010671.	2.1	4
47	A call to arms: Unifying the fight against resistance. <i>Science Signaling</i> , 2018, 11, .	1.6	3
48	Exciting Contributions to the Cryptosporidium Renaissance. <i>Cell Host and Microbe</i> , 2019, 26, 5-7.	5.1	2
49	A systems-level gene regulatory network model for <i>Plasmodium falciparum</i> . <i>Nucleic Acids Research</i> , 2021, 49, 4891-4906.	6.5	2
50	Spatial presentation of biological molecules to cells by localized diffusive transfer. <i>Lab on A Chip</i> , 2019, 19, 2114-2126.	3.1	1
51	Elucidating Spatially-Resolved Changes in Host Signaling During <i>Plasmodium</i> Liver-Stage Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 804186.	1.8	1
52	Functional Interaction Between c-MPL and Tensin2: A Novel and Potentially Important Pathway in Thrombopoietin Mediated Signaling. <i>Blood</i> , 2009, 114, 3609-3609.	0.6	0
53	Tarp regulates early <i>Chlamydia</i> -induced host cell survival through interactions with the human adaptor protein SHC1. <i>Journal of Experimental Medicine</i> , 2010, 207, i23-i23.	4.2	0