Alexis Kaushansky

List of Publications by Year
in descending order

53 papers	1,992 citations	257450 24 h-index	265206 42 g-index
64 all docs	64 docs citations	64 times ranked	2681 citing authors

#	Article	IF	Citations
1	Complete Plasmodium falciparum liver-stage development in liver-chimeric mice. Journal of Clinical Investigation, 2012, 122, 3618-3628.	8.2	200
2	Plasmodium vivax Liver Stage Development and Hypnozoite Persistence in Human Liver-Chimeric Mice. Cell Host and Microbe, 2015, 17, 526-535.	11.0	188
3	Malaria parasites target the hepatocyte receptor EphA2 for successful host infection. Science, 2015, 350, 1089-1092.	12.6	119
4	Model forIn VivoAssessment of Humoral Protection against Malaria Sporozoite Challenge by Passive Transfer of Monoclonal Antibodies and Immune Serum. Infection and Immunity, 2014, 82, 808-817.	2.2	96
5	Suppression of Host p53 Is Critical for Plasmodium Liver-Stage Infection. Cell Reports, 2013, 3, 630-637.	6.4	89
6	Quantifying proteinâ€“protein interactions in high throughput using protein domain microarrays. Nature Protocols, 2010, 5, 773-790.	12.0	76
7	A Next-generation Genetically Attenuated Plasmodium falciparum Parasite Created by Triple Gene Deletion. Molecular Therapy, 2014, 22, 1707-1715.	8.2	74
8	A Molecular Signature in Blood Reveals a Role for p53 in Regulating Malaria-Induced Inflammation. Immunity, 2019, 51, 750-765.e10.	14.3	67
9	System-wide Investigation of ErbB4 Reveals 19 Sites of Tyr Phosphorylation that Are Unusually Selective in Their Recruitment Properties. Chemistry and Biology, 2008, 15, 808-817.	6.0	66
10	Tarp regulates earlyChlamydia-induced host cell survival through interactions with the human adaptor protein SHC1. Journal of Cell Biology, 2010, 190, 143-157.	5.2	63
11	Malaria parasite liver stages render host hepatocytes susceptible to mitochondria-initiated apoptosis. Cell Death and Disease, 2013, 4, e762-e762.	6.3	59
12	Liver stage malaria infection is controlled by host regulators of lipid peroxidation. Cell Death and Differentiation, 2020, 27, 44-54.	11.2	56
13	Of men in mice: the success and promise of humanized mouse models for human malaria parasite infections. Cellular Microbiology, 2014, 16, 602-611.	2.1	55
14	A quantitative study of the recruitment potential of all intracellular tyrosine residues on EGFR, FGFR1 and IGF1R. Molecular BioSystems, 2008, 4, 643.	2.9	54
15	Linear combinations of docking affinities explain quantitative differences in RTK signaling. Molecular Systems Biology, 2009, 5, 235.	7.2	52
16	Opportunities for Host-targeted Therapies for Malaria. Trends in Parasitology, 2018, 34, 843-860.	3.3	48
17	Next Generation Histology-Directed Imaging Mass Spectrometry Driven by Autofluorescence Microscopy. Analytical Chemistry, 2018, 90, 12404-12413.	6.5	46
18	The crucial role of hepatocyte growth factor receptor during liver-stage infection is not conserved among Plasmodium species. Nature Medicine, 2011, 17, 1180-1181.	30.7	37

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19	Host-based Prophylaxis Successfully Targets Liver Stage Malaria Parasites. Molecular Therapy, 2015, 23, 857-865.	8.2	33
20	Identifying host regulators and inhibitors of liver stage malaria infection using kinase activity profiles. Nature Communications, 2017, 8, 1232.	12.8	33
21	Tyrosine-Phosphorylated Caveolin-1 Blocks Bacterial Uptake by Inducing Vav2-RhoA-Mediated Cytoskeletal Rearrangements. PLoS Biology, 2010, 8, e1000457.	5.6	32
22	Phosphotyrosine Signaling Proteins that Drive Oncogenesis Tend to be Highly Interconnected. Molecular and Cellular Proteomics, 2013, 12, 1204-1213.	3.8	31
23	Immunization with genetically attenuated P. falciparum parasites induces long-lived antibodies that efficiently block hepatocyte invasion by sporozoites. Vaccine, 2014, 32, 2135-2138.	3.8	31
24	Development of a quantitative flow cytometry-based assay to assess infection by Plasmodium falciparum sporozoites. Molecular and Biochemical Parasitology, 2012, 183, 100-103.	1.1	30
25	Tensin2 is a novel mediator in thrombopoietin (TPO)-induced cellular proliferation by promoting Akt signaling. Cell Cycle, 2011, 10, 1838-1844.	2.6	29
26	Selection and refinement: the malaria parasite's infection and exploitation of host hepatocytes. Current Opinion in Microbiology, 2015, 26, 71-78.	5.1	28
27	Susceptibility toPlasmodiumliver stage infection is altered by hepatocyte polyploidy. Cellular Microbiology, 2014, 16, 784-795.	2.1	24
28	A Structure-Function Analysis of Serine/Threonine Phosphorylation of the Thrombopoietin Receptor, c-Mpl. Journal of Biological Chemistry, 2000, 275, 32214-32219.	3.4	22
29	Susceptibility to Plasmodium yoelii Preerythrocytic Infection in BALB/c Substrains Is Determined at the Point of Hepatocyte Invasion. Infection and Immunity, 2015, 83, 39-47.	2.2	22
30	Crippling life support for SARS-CoV-2 and other viruses through synthetic lethality. Journal of Cell Biology, 2020, 219, .	5.2	20
31	Host-directed therapy, an untapped opportunity for antimalarial intervention. Cell Reports Medicine, 2021, 2, 100423.	6.5	19
32	Plasmodium yoelii S4/CelTOS is important for sporozoite gliding motility and cell traversal. Cellular Microbiology, 2018, 20, e12817.	2.1	18
33	The Promise of Systems Biology Approaches for Revealing Host Pathogen Interactions in Malaria. Frontiers in Microbiology, 2017, 8, 2183.	3.5	17
34	Identification of Selective Inhibitors of Plasmodium N-Myristoyltransferase by High-Throughput Screening. Journal of Medicinal Chemistry, 2020, 63, 591-600.	6.4	17
35	Plasmodium Secretion Induces Hepatocyte Lysosome Exocytosis and Promotes Parasite Entry. IScience, 2019, 21, 603-611.	4.1	16
36	Phosphorylated c-Mpl tyrosine 591 regulates thrombopoietin-induced signaling. Experimental Hematology, 2014, 42, 477-486.e4.	0.4	15

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37	Host-targeted Interventions as an Exciting Opportunity to Combat Malaria. Chemical Reviews, 2021, 121, 10452-10468.	47.7	15
38	Antibody interference by a non-neutralizing antibody abrogates humoral protection against Plasmodium yoelii liver stage. Cell Reports, 2021, 36, 109489.	6.4	14
39	Host ER stress during malaria parasite infection. EMBO Reports, 2015, 16, 883-884.	4.5	12
40	Alterations in Phosphorylation of Hepatocyte Ribosomal Protein S6 Control Plasmodium Liver Stage Infection. Cell Reports, 2019, 26, 3391-3399.e4.	6.4	11
41	A genome-wide CRISPR-Cas9 screen identifies CENPJ as a host regulator of altered microtubule organization during Plasmodium liver infection. Cell Chemical Biology, 2022, 29, 1419-1433.e5.	5.2	10
42	Exploiting polypharmacology to dissect host kinases and kinase inhibitors that modulate endothelial barrier integrity. Cell Chemical Biology, 2021, , .	5.2	9
43	Systems Biology of Megakaryocytes. Advances in Experimental Medicine and Biology, 2014, 844, 59-84.	1.6	8
44	Flow Cytometry-Based Assessment of Antibody Function Against Malaria Pre-erythrocytic Infection. Methods in Molecular Biology, 2015, 1325, 49-58.	0.9	6
45	Cyclosporine Induces Fenestra-Associated Injury in Human Renal Microvessels In Vitro. ACS Biomaterials Science and Engineering, 2022, 8, 196-207.	5.2	4
46	Germinal center activity and B cell maturation are associated with protective antibody responses against Plasmodium pre-erythrocytic infection. PLoS Pathogens, 2022, 18, e1010671.	4.7	4
47	A call to arms: Unifying the fight against resistance. Science Signaling, 2018, 11, .	3.6	3
48	Exciting Contributions to the Cryptosporidium Renaissance. Cell Host and Microbe, 2019, 26, 5-7.	11.0	2
49	A systems-level gene regulatory network model for Plasmodium falciparum. Nucleic Acids Research, 2021, 49, 4891-4906.	14.5	2
50	Spatial presentation of biological molecules to cells by localized diffusive transfer. Lab on A Chip, 2019, 19, 2114-2126.	6.0	1
51	Elucidating Spatially-Resolved Changes in Host Signaling During Plasmodium Liver-Stage Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 804186.	3.9	1
52	Functional Interaction Between c-MPL and Tensin2: A Novel and Potentially Important Pathway in Thrombopoietin Mediated Signaling.. Blood, 2009, 114, 3609-3609.	1.4	0
53	Tarp regulates earlyChlamydia-induced host cell survival through interactions with the human adaptor protein SHC1. Journal of Experimental Medicine, 2010, 207, i23-i23.	8.5	0