

Jan Strauss

List of Publications by Citations

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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.

16
papers

573
citations

7
h-index

20
g-index

20
ext. papers

822
ext. citations

11.8
avg, IF

2.97
L-index

#	Paper	IF	Citations
16	The impact of temperature on marine phytoplankton resource allocation and metabolism. <i>Nature Climate Change</i> , 2013 , 3, 979-984	21.4	244
15	Evolutionary genomics of the cold-adapted diatom <i>Fragilariopsis cylindrus</i> . <i>Nature</i> , 2017 , 541, 536-540	50.4	226
14	Identifying metabolic pathways for production of extracellular polymeric substances by the diatom <i>Fragilariopsis cylindrus</i> inhabiting sea ice. <i>ISME Journal</i> , 2018 , 12, 1237-1251	11.9	30
13	Structure of Prototypic Peptide Transporter DtpA from <i>E. coli</i> in Complex with Valganciclovir Provides Insights into Drug Binding of Human PepT1. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2404-2412	16.4	22
12	Dissecting the Gene Expression, Localization, Membrane Topology, and Function of the <i>Plasmodium falciparum</i> STEVOR Protein Family. <i>MBio</i> , 2019 , 10,	7.8	15
11	Structure-Based Identification and Functional Characterization of a Lipocalin in the Malaria Parasite <i>Plasmodium falciparum</i> . <i>Cell Reports</i> , 2020 , 31, 107817	10.6	9
10	Building a locally diploid genome and transcriptome of the diatom <i>Fragilariopsis cylindrus</i> . <i>Scientific Data</i> , 2017 , 4, 170149	8.2	8
9	Structural Insights Into PfARO and Characterization of its Interaction With PfAIP. <i>Journal of Molecular Biology</i> , 2020 , 432, 878-896	6.5	7
8	Genome-Scale Metabolic Reconstruction and Perturbation Analysis of the Polar Diatom Predicts High Metabolic Robustness. <i>Biology</i> , 2020 , 9,	4.9	3
7	Common virulence gene expression in adult first-time infected malaria patients and severe cases. <i>ELife</i> , 2021 , 10,	8.9	3
6	Characterization of Apicomplexan Amino Acid Transporters (ApiATs) in the Malaria Parasite <i>Plasmodium falciparum</i> . <i>MSphere</i> , 2021 , e0074321	5	2
5	Identification of novel inner membrane complex and apical annuli proteins of the malaria parasite <i>Plasmodium falciparum</i> . <i>Cellular Microbiology</i> , 2021 , 23, e13341	3.9	2
4	Gene expression profiling of malaria parasites reveals common virulence gene expression in adult first-time infected patients and severe cases		1
3	Pfcerli2, a duplicated gene in the malaria parasite <i>Plasmodium falciparum</i> essential for invasion of erythrocytes as revealed by phylogenetic and cell biological analysis		1
2	Cell biological analysis reveals an essential role for Pfcerli2 in erythrocyte invasion by malaria parasites.. <i>Communications Biology</i> , 2022 , 5, 121	6.7	0
1	PMRT1, a -Specific Parasite Plasma Membrane Transporter, Is Essential for Asexual and Sexual Blood Stage Development.. <i>MBio</i> , 2022 , e0062322	7.8	0