

Jan Strauss

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5367221/publications.pdf>

Version: 2024-02-01

15
papers

976
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

1943
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of temperature on marine phytoplankton resource allocation and metabolism. Nature Climate Change, 2013, 3, 979-984.	18.8	358
2	Evolutionary genomics of the cold-adapted diatom <i>Fragilariopsis cylindrus</i> . Nature, 2017, 541, 536-540.	27.8	332
3	Structure of Prototypic Peptide Transporter DtpA from <i>E. coli</i> in Complex with Valganciclovir Provides Insights into Drug Binding of Human PepT1. Journal of the American Chemical Society, 2019, 141, 2404-2412.	13.7	51
4	Dissecting the Gene Expression, Localization, Membrane Topology, and Function of the <i>Plasmodium falciparum</i> STEVOR Protein Family. MBio, 2019, 10, .	4.1	46
5	Identifying metabolic pathways for production of extracellular polymeric substances by the diatom <i>Fragilariopsis cylindrus</i> inhabiting sea ice. ISME Journal, 2018, 12, 1237-1251.	9.8	43
6	Structure-Based Identification and Functional Characterization of a Lipocalin in the Malaria Parasite <i>Plasmodium falciparum</i> . Cell Reports, 2020, 31, 107817.	6.4	23
7	Structural Insights Into PfARO and Characterization of its Interaction With PfAIP. Journal of Molecular Biology, 2020, 432, 878-896.	4.2	21
8	Common virulence gene expression in adult first-time infected malaria patients and severe cases. ELife, 2021, 10, .	6.0	20
9	Identification of novel inner membrane complex and apical annuli proteins of the malaria parasite <i>Plasmodium falciparum</i> . Cellular Microbiology, 2021, 23, e13341.	2.1	19
10	Building a locally diploid genome and transcriptome of the diatom <i>Fragilariopsis cylindrus</i> . Scientific Data, 2017, 4, 170149.	5.3	14
11	The role of zinc in the adaptive evolution of polar phytoplankton. Nature Ecology and Evolution, 2022, 6, 965-978.	7.8	14
12	Characterization of Apicomplexan Amino Acid Transporters (ApiATs) in the Malaria Parasite <i>Plasmodium falciparum</i> . MSphere, 2021, 6, e0074321.	2.9	9
13	Genome-Scale Metabolic Reconstruction and in Silico Perturbation Analysis of the Polar Diatom <i>Fragilariopsis cylindrus</i> Predicts High Metabolic Robustness. Biology, 2020, 9, 30.	2.8	8
14	Cell biological analysis reveals an essential role for Pfcerli2 in erythrocyte invasion by malaria parasites. Communications Biology, 2022, 5, 121.	4.4	7
15	PMRT1, a <i>Plasmodium</i> -Specific Parasite Plasma Membrane Transporter, Is Essential for Asexual and Sexual Blood Stage Development. MBio, 2022, 13, e0062322.	4.1	7