

Joseph Grzymski

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,878
citations

448610

19
h-index

466096

32
g-index

41
all docs

41
docs citations

41
times ranked

3902
citing authors

#	ARTICLE	IF	CITATIONS
1	HLA-A*03:01 is associated with increased risk of fever, chills, and stronger side effects from Pfizer-BioNTech COVID-19 vaccination. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100084.	1.0	21
2	The Impact of ACEs on BMI: An Investigation of the Genotype-Environment Effects of BMI. <i>Frontiers in Genetics</i> , 2022, 13, 816660.	1.1	9
3	Incomplete Penetrance of Population-Based Genetic Screening Results in Electronic Health Record. <i>Frontiers in Genetics</i> , 2022, 13, 866169.	1.1	4
4	Inhibition of HECT E3 ligases as potential therapy for COVID-19. <i>Cell Death and Disease</i> , 2021, 12, 310.	2.7	33
5	Genome-Wide Identification of Rare and Common Variants Driving Triglyceride Levels in a Nevada Population. <i>Frontiers in Genetics</i> , 2021, 12, 639418.	1.1	7
6	Comprehensive Allele Genotyping in Critical Pharmacogenes Reduces Residual Clinical Risk in Diverse Populations. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 759-767.	2.3	4
7	SARS-CoV-2 test positivity rate in Reno, Nevada: association with PM2.5 during the 2020 wildfire smoke events in the western United States. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 797-803.	1.8	26
8	Positive predictive value highlights four novel candidates for actionable genetic screening from analysis of 220,000 clinicogenomic records. <i>Genetics in Medicine</i> , 2021, 23, 2300-2308.	1.1	13
9	Population genetic screening efficiently identifies carriers of autosomal dominant diseases. <i>Nature Medicine</i> , 2020, 26, 1235-1239.	15.2	121
10	Particulate matter and emergency visits for asthma: a time-series study of their association in the presence and absence of wildfire smoke in Reno, Nevada, 2013–2018. <i>Environmental Health</i> , 2020, 19, 92.	1.7	27
11	A Comprehensive Genome-Wide and Phenome-Wide Examination of BMI and Obesity in a Northern Nevadan Cohort. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 645-664.	0.8	25
12	Genome-wide rare variant analysis for thousands of phenotypes in over 70,000 exomes from two cohorts. <i>Nature Communications</i> , 2020, 11, 542.	5.8	101
13	Heterozygous germline <i>BLM</i> mutations increase susceptibility to asbestos and mesothelioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33466-33473.	3.3	30
14	GWAS and PheWAS of red blood cell components in a Northern Nevadan cohort. <i>PLoS ONE</i> , 2019, 14, e0218078.	1.1	13
15	Resource Concentration Modulates the Fate of Dissimilated Nitrogen in a Dual-Pathway Actinobacterium. <i>Frontiers in Microbiology</i> , 2019, 10, 3.	1.5	20
16	Coordinated downregulation of the photosynthetic apparatus as a protective mechanism against UV exposure in the diatom <i>Corethron hystrix</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1837-1850.	1.7	5
17	Nitrogen cost minimization is promoted by structural changes in the transcriptome of N-deprived <i>Prochlorococcus</i> cells. <i>ISME Journal</i> , 2017, 11, 2267-2278.	4.4	27
18	The Anti-Oxidant Defense System of the Marine Polar Ciliate <i>Euplotes nobilii</i> : Characterization of the MsrB Gene Family. <i>Biology</i> , 2017, 6, 4.	1.3	17

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19	Spatially extensive microbial biogeography of the Indian Ocean provides insights into the unique community structure of a pristine coral atoll. <i>Scientific Reports</i> , 2015, 5, 15383.	1.6	28
20	Protein Languages Differ Depending on Microorganism Lifestyle. <i>PLoS ONE</i> , 2014, 9, e96910.	1.1	2
21	Metabolic balance of coastal Antarctic waters revealed by autonomous $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ measurements. <i>Geophysical Research Letters</i> , 2014, 41, 6803-6810.	1.5	58
22	The Common Oceanographer: Crowdsourcing the Collection of Oceanographic Data. <i>PLoS Biology</i> , 2014, 12, e1001947.	2.6	41
23	A trait based perspective on the biogeography of common and abundant marine bacterioplankton clades. <i>Marine Genomics</i> , 2014, 15, 17-28.	0.4	69
24	The significance of nitrogen cost minimization in proteomes of marine microorganisms. <i>ISME Journal</i> , 2012, 6, 71-80.	4.4	138
25	A metaproteomic assessment of winter and summer bacterioplankton from Antarctic Peninsula coastal surface waters. <i>ISME Journal</i> , 2012, 6, 1883-1900.	4.4	200
26	A metagenomic assessment of winter and summer bacterioplankton from Antarctica Peninsula coastal surface waters. <i>ISME Journal</i> , 2012, 6, 1901-1915.	4.4	139
27	The Genome Sequence of <i>Psychrobacter arcticus</i> 273-4, a Psychroactive Siberian Permafrost Bacterium, Reveals Mechanisms for Adaptation to Low-Temperature Growth. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2304-2312.	1.4	184
28	Microbial biodiversity of thermophilic communities in hot mineral soils of Tramway Ridge, Mount Erebus, Antarctica. <i>Environmental Microbiology</i> , 2009, 11, 715-728.	1.8	97
29	Metagenome analysis of an extreme microbial symbiosis reveals eurythermal adaptation and metabolic flexibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17516-17521.	3.3	111
30	Diversity and genomics of Antarctic marine micro-organisms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 2259-2271.	1.8	121
31	Comparative Genomics of DNA Fragments from Six Antarctic Marine Planktonic Bacteria. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1532-1541.	1.4	94
32	Impact of temperature acclimation on photosynthesis in the toxic red-tide dinoflagellate <i>Alexandrium fundyense</i> (Ca28). <i>Journal of Plankton Research</i> , 1998, 20, 1241-1258.	0.8	16