

J Jotautas Baronas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4323993/publications.pdf>

Version: 2024-02-01

18
papers

415
citations

759055

12
h-index

887953

17
g-index

25
all docs

25
docs citations

25
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater monitoring by nanopore sequencing. <i>ELife</i> , 2021, 10, .	2.8	69
2	Global silicate weathering flux overestimated because of sedimentâ€“water cation exchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
3	Distribution of Extracellular Flavins in a Coastal Marine Basin and Their Relationship to Redox Gradients and Microbial Community Members. <i>Environmental Science & Technology</i> , 2018, 52, 12265-12274.	4.6	34
4	Mixing as a driver of temporal variations in river hydrochemistry: 2. Major and trace element concentration dynamics in the Andesâ€“Amazon transition. <i>Water Resources Research</i> , 2017, 53, 3120-3145.	1.7	33
5	A global Ge isotope budget. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 203, 265-283.	1.6	29
6	Integrating Suspended Sediment Flux in Large Alluvial River Channels: Application of a Synoptic Rouseâ€“Based Model to the Irrawaddy and Salween Rivers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2020JF005554.	1.0	28
7	Mixing as a driver of temporal variations in river hydrochemistry: 1. Insights from conservative tracers in the <sc>A</sc>ndesâ€“<sc>A</sc>mazon transition. <i>Water Resources Research</i> , 2017, 53, 3102-3119.	1.7	27
8	Ge and Si isotope signatures in rivers: A quantitative multi-proxy approach. <i>Earth and Planetary Science Letters</i> , 2018, 503, 194-215.	1.8	27
9	Partitioning riverine sulfate sources using oxygen and sulfur isotopes: Implications for carbon budgets of large rivers. <i>Earth and Planetary Science Letters</i> , 2021, 567, 116957.	1.8	27
10	Germaniumâ€“silicon fractionation in a river-influenced continental margin: The Northern Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 124-142.	1.6	25
11	Modulation of Riverine Concentrationâ€“Discharge Relationships by Changes in the Shape of the Water Transit Time Distribution. <i>Global Biogeochemical Cycles</i> , 2021, 35, .	1.9	16
12	An organic carbon budget for coastal Southern California determined by estimates of vertical nutrient flux, net community production and export. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 116, 49-76.	0.6	15
13	Ge and Si Isotope Behavior During Intense Tropical Weathering and Ecosystem Cycling. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006522.	1.9	12
14	A First Look at Dissolved Ge Isotopes in Marine Sediments. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	8
15	Constraints on the source of reactive phases in sediment from a major Arctic river using neodymium isotopes. <i>Earth and Planetary Science Letters</i> , 2021, 565, 116933.	1.8	8
16	Vegetal Undercurrentsâ€“Obscured Riverine Dynamics of Plant Debris. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	6
17	Dissolved trace element concentrations and fluxes in the Irrawaddy, Salween, Sittaung and Kaladan Rivers. <i>Science of the Total Environment</i> , 2022, 841, 156756.	3.9	3
18	Ge/Si and Ge Isotope Fractionation During Glacial and Non-glacial Weathering: Field and Experimental Data From West Greenland. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	0