

Edward T Tipper

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,230
citations

201575

27
h-index

315616

38
g-index

41
all docs

41
docs citations

41
times ranked

2696
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Freshwater monitoring by nanopore sequencing. <i>ELife</i> , 2021, 10, .	2.8	69
3	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
4	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
5	Temperature dependent lithium isotope fractionation during glass dissolution. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 313, 133-154.	1.6	1
6	Global silicate weathering flux overestimated because of sediment-water cation exchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
7	Experimental constraints on Mg isotope fractionation during clay formation: Implications for the global biogeochemical cycle of Mg. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115980.	1.8	43
8	An Abrupt Aging of Dissolved Organic Carbon in Large Arctic Rivers. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088823.	1.5	33
9	Rare earth element and neodymium isotope tracing of sedimentary rock weathering. <i>Chemical Geology</i> , 2020, 553, 119794.	1.4	16
10	Integrating Suspended Sediment Flux in Large Alluvial River Channels: Application of a Synoptic Rouse-Based Model to the Irrawaddy and Salween Rivers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2020JF005554.	1.0	28
11	Triple oxygen isotope insight into terrestrial pyrite oxidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7650-7657.	3.3	39
12	Carbon dioxide emissions by rock organic carbon oxidation and the net geochemical carbon budget of the Mackenzie River Basin. <i>Numerische Mathematik</i> , 2019, 319, 473-499.	0.7	45
13	Experimental constraints on Li isotope fractionation during clay formation. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 219-237.	1.6	113
14	Diffusive processes in aqueous glass dissolution. <i>Npj Materials Degradation</i> , 2019, 3, .	2.6	3
15	Mg isotope systematics during magmatic processes: Inter-mineral fractionation in mafic to ultramafic Hawaiian xenoliths. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 226, 192-205.	1.6	37
16	Chemical weathering outputs from the flood plain of the Ganga. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 225, 146-175.	1.6	43
17	Li and U Isotopes as a Potential Tool for Monitoring Active Layer Deepening in Permafrost Dominated Catchments. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	14
18	Clay mineralogy, strontium and neodymium isotope ratios in the sediments of two High Arctic catchments (Svalbard). <i>Earth Surface Dynamics</i> , 2018, 6, 141-161.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Global Ca Cycles: Coupling of Continental and Oceanic Processes. <i>Advances in Isotope Geochemistry</i> , 2016, , 173-222.	1.4	10
20	Influence of glaciation on mechanisms of mineral weathering in two high Arctic catchments. <i>Chemical Geology</i> , 2016, 420, 37-50.	1.4	40
21	On discrimination between carbonate and silicate inputs to Himalayan rivers. <i>Numerische Mathematik</i> , 2015, 315, 120-166.	0.7	45
22	Ocean acidification and the Permo-Triassic mass extinction. <i>Science</i> , 2015, 348, 229-232.	6.0	284
23	Calcium isotopes in the global biogeochemical Ca cycle: Implications for development of a Ca isotope proxy. <i>Earth-Science Reviews</i> , 2014, 129, 148-177.	4.0	238
24	Isotope evidence for secondary sulfide precipitation along the Marsyandi River, Nepal, Himalayas. <i>Earth and Planetary Science Letters</i> , 2013, 374, 36-46.	1.8	64
25	Positive correlation between Li and Mg isotope ratios in the river waters of the Mackenzie Basin challenges the interpretation of apparent isotopic fractionation during weathering. <i>Earth and Planetary Science Letters</i> , 2012, 333-334, 35-45.	1.8	96
26	Seasonal sensitivity of weathering processes: Hints from magnesium isotopes in a glacial stream. <i>Chemical Geology</i> , 2012, 312-313, 80-92.	1.4	96
27	Hydrological control of stream water chemistry in a glacial catchment (Damma Glacier, Switzerland). <i>Chemical Geology</i> , 2011, 285, 215-230.	1.4	92
28	Chemical and Biological Gradients along the Damma Glacier Soil Chronosequence, Switzerland. <i>Vadose Zone Journal</i> , 2011, 10, 867-883.	1.3	158
29	Mg isotope constraints on soil pore-fluid chemistry: Evidence from Santa Cruz, California. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3883-3896.	1.6	118
30	Chondritic Mg isotope composition of the Earth. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5069-5083.	1.6	141
31	Calcium isotope ratios in the world's largest rivers: A constraint on the maximum imbalance of oceanic calcium fluxes. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	1.9	67
32	Calcium and magnesium isotope systematics in rivers draining the Himalaya-Tibetan-Plateau region: Lithological or fractionation control?. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1057-1075.	1.6	191
33	Accuracy of stable Mg and Ca isotope data obtained by MC-ICP-MS using the standard addition method. <i>Chemical Geology</i> , 2008, 257, 65-75.	1.4	120
34	Interpreting the Ca isotope record of marine biogenic carbonates. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3979-3989.	1.6	78
35	Riverine evidence for a fractionated reservoir of Ca and Mg on the continents: Implications for the oceanic Ca cycle. <i>Earth and Planetary Science Letters</i> , 2006, 247, 267-279.	1.8	272
36	The magnesium isotope budget of the modern ocean: Constraints from riverine magnesium isotope ratios. <i>Earth and Planetary Science Letters</i> , 2006, 250, 241-253.	1.8	300

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37	The short term climatic sensitivity of carbonate and silicate weathering fluxes: Insight from seasonal variations in river chemistry. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 2737-2754.	1.6	245