

Joel Scheingross

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

562
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the mechanics of fluvial bedrock erosion through flume experiments and theory. <i>Geomorphology</i> , 2015, 244, 33-55.	2.6	104
2	A Mechanistic Model of Waterfall Plunge Pool Erosion into Bedrock. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 2079-2104.	2.8	68
3	Experimental evidence for fluvial bedrock incision by suspended and bedload sediment. <i>Geology</i> , 2014, 42, 523-526.	4.4	67
4	Effects of ontogeny, temperature, and light on vertical movements of larval Pacific cod (<i>Gadus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	52
5	Self-formed waterfall plunge pools in homogeneous rock. <i>Geophysical Research Letters</i> , 2017, 44, 200-208.	4.0	49
6	Fluvial organic carbon cycling regulated by sediment transit time and mineral protection. <i>Nature Geoscience</i> , 2021, 14, 842-848.	12.9	39
7	The shaping of erosional landscapes by internal dynamics. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 661-676.	29.7	34
8	Self-formed bedrock waterfalls. <i>Nature</i> , 2019, 567, 229-233.	27.8	33
9	Preservation of organic carbon during active fluvial transport and particle abrasion. <i>Geology</i> , 2019, 47, 958-962.	4.4	25
10	Sediment transport through self-adjusting, bedrock-walled waterfall plunge pools. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 939-963.	2.8	23
11	The fate of fluvially-deposited organic carbon during transient floodplain storage. <i>Earth and Planetary Science Letters</i> , 2021, 561, 116822.	4.4	23
12	Sediment Transit Time and Floodplain Storage Dynamics in Alluvial Rivers Revealed by Meteoric ¹⁰ Be. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005419.	2.8	22
13	Fluvial Organic Carbon Composition Regulated by Seasonal Variability in Lowland River Migration and Water Discharge. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	10
14	River Organic Carbon Fluxes Modulated by Hydrodynamic Sorting of Particulate Organic Matter. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	9
15	Mass balance controls on sediment scour and bedrock erosion in waterfall plunge pools. <i>Geology</i> , 2021, 49, 1084-1088.	4.4	4