

# Joel Scheingross

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5851360/publications.pdf>

Version: 2024-02-01

15  
papers

562  
citations

759055

12  
h-index

996849

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.	1.1	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.	1.0	68
3	Experimental evidence for fluvial bedrock incision by suspended and bedload sediment. <i>Geology</i> , 2014, 42, 523-526.	2.0	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	0.9	52
5	Self-formed waterfall plunge pools in homogeneous rock. <i>Geophysical Research Letters</i> , 2017, 44, 200-208.	1.5	49
6	Fluvial organic carbon cycling regulated by sediment transit time and mineral protection. <i>Nature Geoscience</i> , 2021, 14, 842-848.	5.4	39
7	The shaping of erosional landscapes by internal dynamics. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 661-676.	12.2	34
8	Self-formed bedrock waterfalls. <i>Nature</i> , 2019, 567, 229-233.	13.7	33
9	Preservation of organic carbon during active fluvial transport and particle abrasion. <i>Geology</i> , 2019, 47, 958-962.	2.0	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.	1.0	23
11	The fate of fluvially-deposited organic carbon during transient floodplain storage. <i>Earth and Planetary Science Letters</i> , 2021, 561, 116822.	1.8	23
12	Sediment Transit Time and Floodplain Storage Dynamics in Alluvial Rivers Revealed by Meteoric <sup>10</sup> Be. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005419.	1.0	22
13	Fluvial Organic Carbon Composition Regulated by Seasonal Variability in Lowland River Migration and Water Discharge. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	10
14	River Organic Carbon Fluxes Modulated by Hydrodynamic Sorting of Particulate Organic Matter. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
15	Mass balance controls on sediment scour and bedrock erosion in waterfall plunge pools. <i>Geology</i> , 2021, 49, 1084-1088.	2.0	4