

# John M Jaeger

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,293  
citations

430874

18  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quaternary tectonic response to intensified glacial erosion in an orogenic wedge. <i>Nature Geoscience</i> , 2008, 1, 793-799.	12.9	137
2	Sediment deposition, accumulation, and seabed dynamics in an energetic fine-grained coastal environment. <i>Continental Shelf Research</i> , 1996, 16, 787-815.	1.8	118
3	The deglacial transition on the southeastern Alaska Margin: Meltwater input, sea level rise, marine productivity, and sedimentary anoxia. <i>Paleoceanography</i> , 2011, 26, .	3.0	98
4	Sediment accumulation along a glacially impacted mountainous coastline: north-east Gulf of Alaska. <i>Basin Research</i> , 1998, 10, 155-173.	2.7	95
5	Tidal controls on the formation of fine-scale sedimentary strata near the Amazon river mouth. <i>Marine Geology</i> , 1995, 125, 259-281.	2.1	80
6	Mid-Pleistocene climate transition drives net mass loss from rapidly uplifting St. Elias Mountains, Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15042-15047.	7.1	74
7	Event sedimentation, bioturbation, and preserved sedimentary fabric: Field and model comparisons in three contrasting marine settings. <i>Continental Shelf Research</i> , 2006, 26, 2108-2124.	1.8	61
8	Distribution and composition of organic matter in surface sediments of coastal Southeast Alaska. <i>Continental Shelf Research</i> , 2009, 29, 1565-1579.	1.8	61
9	The role of the cryosphere in source-to-sink systems. <i>Earth-Science Reviews</i> , 2016, 153, 43-76.	9.1	53
10	Productivity and sedimentary $^{15}\text{N}$ variability for the last 17,000 years along the northern Gulf of Alaska continental slope. <i>Paleoceanography</i> , 2012, 27, .	3.0	49
11	Recent shifts in coastline change and shoreline stabilization linked to storm climate change. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 569-585.	2.5	45
12	Fjords as temporary sediment traps: History of glacial erosion and deposition in Muir Inlet, Glacier Bay National Park, southeastern Alaska. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 1067-1080.	3.3	40
13	Isostatic uplift driven by karstification and sea-level oscillation: Modeling landscape evolution in north Florida. <i>Geology</i> , 2010, 38, 531-534.	4.4	35
14	Sediment deposition in an Alaskan fjord; controls on the formation and preservation of sedimentary structures in Icy Bay. <i>Journal of Sedimentary Research</i> , 1999, 69, 1011-1026.	1.6	34
15	Biospheric and petrogenic organic carbon flux along southeast Alaska. <i>Earth and Planetary Science Letters</i> , 2016, 452, 238-246.	4.4	34
16	Glacial outburst flood sediments within Disenchantment Bay, Alaska: Implications of recognizing marine jökulhlaup deposits in the stratigraphic record. <i>Marine Geology</i> , 2011, 284, 1-12.	2.1	25
17	Marine record of surge-induced outburst floods from the Bering Glacier, Alaska. <i>Geology</i> , 1999, 27, 847.	4.4	24
18	Orogenic and glacial research in pristine southern Alaska. <i>Eos</i> , 2001, 82, 213-213.	0.1	20

#	ARTICLE	IF	CITATIONS
19	A 17,000 yr paleomagnetic secular variation record from the southeast Alaskan margin: Regional and global correlations. <i>Earth and Planetary Science Letters</i> , 2017, 473, 177-189.	4.4	20
20	Late Quaternary glacial dynamics and sedimentation variability in the Bering Trough, Gulf of Alaska. <i>Geology</i> , 2017, 45, 251-254.	4.4	19
21	Quantifying Detection Limits and Uncertainty in X-ray Diffraction Mineralogical Assessments of Biogenic Carbonates. <i>Journal of Sedimentary Research</i> , 2018, 88, 1261-1275.	1.6	19
22	Integrating satellite observations and modern climate measurements with the recent sedimentary record: An example from Southeast Alaska. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3444-3461.	2.6	17
23	A quantitative examination of modern sedimentary lithofacies formation on the glacially influenced Gulf of Alaska continental shelf. <i>Continental Shelf Research</i> , 2006, 26, 2178-2204.	1.8	16
24	Intra-annual Variability in Benthic Foraminiferal Abundance in Sediments of Disenchantment Bay, an Alaskan Glacial Fjord. <i>Arctic, Antarctic, and Alpine Research</i> , 2009, 41, 257-271.	1.1	14
25	The Transformation of Sediment Into Rock: Insights From IODP Site U1352, Canterbury Basin, New Zealand. <i>Journal of Sedimentary Research</i> , 2017, 87, 272-287.	1.6	13
26	A novel application of radionuclides for dating sediment cores from sandy, anthropogenically disturbed estuaries. <i>Marine and Freshwater Research</i> , 2010, 61, 1268.	1.3	12
27	Correction of non-intrusive drill core physical properties data for variability in recovered sediment volume. <i>Geophysical Journal International</i> , 2015, 202, 1317-1323.	2.4	12
28	Evaluation of the relative roles of global versus local sedimentary controls on Middle to Late Pleistocene formation of continental margin strata, Canterbury Basin, New Zealand. <i>Sedimentology</i> , 2015, 62, 1118-1148.	3.1	12
29	Multivariate modeling of glacial-marine lithostratigraphy combining scanning XRF, multisensory core properties, and CT imagery: IODP Site U1419. , 2018, 14, 1935-1960.		11
30	Anthropogenic Impacts on Sedimentary Sources and Processes in a Small Urbanized Subtropical Estuary, Florida. <i>Journal of Coastal Research</i> , 2009, 251, 30-47.	0.3	10
31	Sediment controls dynamic behavior of a Cordilleran Ice Stream at the Last Glacial Maximum. <i>Nature Communications</i> , 2020, 11, 1826.	12.8	6
32	Linking Late Pleistocene alpine glacial erosion and continental margin sedimentation: Insights from <sup>40</sup> Ar/ <sup>39</sup> Ar dating of silt-sized sediment, Canterbury Basin, New Zealand. <i>Earth and Planetary Science Letters</i> , 2016, 433, 303-316.	4.4	5
33	Quantifying Seasonal to Interannual Scale Storm Impacts on Morphology Along a Cuspate Coast With a Hybrid Empirical Orthogonal Function Approach. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2020JF005617.	2.8	5
34	A continental shelf sedimentary record of Little Ice Age to modern glacial dynamics: Bering Glacier, Alaska. <i>Continental Shelf Research</i> , 2014, 86, 141-156.	1.8	4
35	The impact of rapid sediment accumulation on pore pressure development and dehydration reactions during shallow subduction in the Gull of Alaska. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 189-203.	2.5	4
36	Developing high-resolution chronologies in glacial-marine sediments: examples from southeastern Alaska. <i>Geological Society Special Publication</i> , 2002, 203, 195-214.	1.3	3

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37	Production origins and matrix constituents of spiculate pottery in Florida, USA: Defining ubiquitous St Johns ware by LA-ICP-MS and XRD. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 313-323.	0.5	3
38	Sea Surface Temperature Variability on the SE Greenland Shelf (1796–2013 CE) and Its Influence on Thrym Glacier in Nárre Skjoldungesund. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003692.	2.9	3
39	INVESTIGATING MODERN GLACIAL EROSION-TECTONIC INTERACTIONS WITHIN THE ST. ELIAS MOUNTAINS, ALASKA USING MARINE SEDIMENT PROVENANCE. , 2017, , .		1
40	DAILY TO DECADAL VARIABILITY OF BEACH MORPHOLOGY AT NASA-KENNEDY SPACE CENTER: STORM INFLUENCES ACROSS TIMESCALES. , 2019, , .		1