

Steven A Kuehl

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

3,056
citations

28
h-index

55
g-index

55
ext. papers

3,266
ext. citations

3.7
avg, IF

4.81
L-index

#	Paper	IF	Citations
53	Nature of sediment accumulation on the Amazon continental shelf. <i>Continental Shelf Research</i> , 1986 , 6, 209-225	2.4	268
52	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. <i>Geology</i> , 2000 , 28, 1083	5	251
51	Floodplain processes in the Bengal Basin and the storage of Ganges-Brahmaputra river sediment: an accretion study using ¹³⁷ Cs and ²¹⁰ Pb geochronology. <i>Sedimentary Geology</i> , 1998 , 121, 239-258	2.8	189
50	Subaqueous delta of the Ganges-Brahmaputra river system. <i>Marine Geology</i> , 1997 , 144, 81-96	3.3	181
49	Holocene and modern sediment budgets for the Ganges-Brahmaputra river system: Evidence for highstand dispersal to flood-plain, shelf, and deep-sea depocenters. <i>Geology</i> , 1999 , 27, 559	5	176
48	Controls on facies distribution and stratigraphic preservation in the Ganges-Brahmaputra delta sequence. <i>Sedimentary Geology</i> , 2003 , 155, 301-316	2.8	171
47	Shelf sedimentation off the Ganges-Brahmaputra river system: Evidence for sediment bypassing to the Bengal fan. <i>Geology</i> , 1989 , 17, 1132	5	146
46	An introduction to the geological significance of sediment transport and accumulation on the Amazon continental shelf. <i>Marine Geology</i> , 1995 , 125, 177-192	3.3	108
45	Sediment deposition, accumulation, and seabed dynamics in an energetic fine-grained coastal environment. <i>Continental Shelf Research</i> , 1996 , 16, 787-815	2.4	104
44	Mineralogy of the Ganges and Brahmaputra Rivers: implications for river switching and Late Quaternary climate change. <i>Sedimentary Geology</i> , 2003 , 155, 343-359	2.8	102
43	Effects of suspended sediments on geochemical processes near the mouth of the Amazon River: examination of biological silica uptake and the fate of particle-reactive elements. <i>Continental Shelf Research</i> , 1986 , 6, 107-125	2.4	95
42	The geological record preserved by Amazon shelf sedimentation. <i>Continental Shelf Research</i> , 1996 , 16, 817-841	2.4	93
41	Non-steady-state ²¹⁰ Pb flux and the use of ²²⁸ Ra/ ²²⁶ Ra as a geochronometer on the Amazon continental shelf. <i>Marine Geology</i> , 1995 , 125, 329-350	3.3	89
40	Distribution of sedimentary structures in the Amazon subaqueous delta. <i>Continental Shelf Research</i> , 1986 , 6, 311-336	2.4	87
39	Modern sediment accumulation and strata formation on the Amazon continental shelf. <i>Marine Geology</i> , 1982 , 49, 279-300	3.3	70
38	Suspended sediment distribution and residual transport in the coastal ocean off the Ganges-Brahmaputra river mouth. <i>Marine Geology</i> , 1994 , 120, 41-61	3.3	68
37	From mountain source to ocean sink – the passage of sediment across an active margin, Waipaoa Sedimentary System, New Zealand. <i>Marine Geology</i> , 2010 , 270, 1-10	3.3	62

36	Piecing together the Ganges-Brahmaputra-Meghna River delta: Use of sediment provenance to reconstruct the history and interaction of multiple fluvial systems during Holocene delta evolution. <i>Bulletin of the Geological Society of America</i> , 2014 , 126, 1495-1510	3.9	58
35	Seabed dynamics of the inner Amazon continental shelf: temporal and spatial variability of surficial strata. <i>Marine Geology</i> , 1995 , 125, 283-302	3.3	56
34	A long, square-barrel gravity corer for sedimentological and geochemical investigation of fine-grained sediments. <i>Marine Geology</i> , 1985 , 62, 365-370	3.3	56
33	Polycyclic aromatic hydrocarbon (PAH) source, sediment deposition patterns, and particle geochemistry as factors influencing PAH distribution coefficients in sediments of the Elizabeth River, VA, USA. <i>Marine Chemistry</i> , 1999 , 66, 113-127	3.7	50
32	Nature of sediment dispersal off the Sepik River, Papua New Guinea: preliminary sediment budget and implications for margin processes. <i>Continental Shelf Research</i> , 2004 , 24, 2417-2429	2.4	48
31	The behavior of particle-reactive tracers in a high turbidity environment: ²³⁴ Th and ²¹⁰ Pb on the Amazon continental shelf. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 2123-2137	5.5	46
30	Sediment mixing and accumulation rates in the Sulu and South China Seas: Implications for organic carbon preservation in deep-sea environments. <i>Marine Geology</i> , 1993 , 111, 15-35	3.3	46
29	A source-to-sink perspective of the Waipaoa River margin. <i>Earth-Science Reviews</i> , 2016 , 153, 301-334	10.2	41
28	Shelf sedimentation on a tectonically active margin: A modern sediment budget for Poverty continental shelf, New Zealand. <i>Marine Geology</i> , 2010 , 270, 175-187	3.3	41
27	Changes in sediment and organic carbon accumulation in a highly-disturbed ecosystem: the Sacramento-San Joaquin River Delta (California, USA). <i>Marine Pollution Bulletin</i> , 2009 , 59, 154-63	6.7	32
26	Geological significance of sediment transport and accumulation on the Amazon continental shelf. <i>Marine Geology</i> , 1995 , 125, 175-176	3.3	30
25	Recent sedimentation patterns and facies distribution on the Poverty Shelf, New Zealand. <i>Marine Geology</i> , 2010 , 270, 160-174	3.3	28
24	Sediment accumulation patterns and fine-scale strata formation on the Waiapu River shelf, New Zealand. <i>Marine Geology</i> , 2010 , 270, 188-201	3.3	26
23	Ephemeral deposition, seabed mixing and fine-scale strata formation in the York River estuary, Chesapeake Bay. <i>Estuarine, Coastal and Shelf Science</i> , 2003 , 58, 621-643	2.9	26
22	Contrasting modes of shelf sediment dispersal off a high-yield river: Waiapu River, New Zealand. <i>Marine Geology</i> , 2007 , 243, 18-30	3.3	23
21	Assessment of the historical trace metal contamination of sediments in the Elizabeth River, Virginia. <i>Marine Pollution Bulletin</i> , 2007 , 54, 385-95	6.7	21
20	Sedimentary structures on the Bengal shelf: a multi-scale approach to sedimentary fabric interpretation. <i>Sedimentary Geology</i> , 1994 , 93, 165-180	2.8	19
19	Modern sedimentary processes in the Wilmington Canyon area, U.S. east coast. <i>Marine Geology</i> , 1990 , 92, 205-226	3.3	19

18	Sedimentology and Stratigraphy of the Amazon Continental Shelf. <i>Oceanography</i> , 1991 , 4, 33-38	2.3	17
17	Fate of Ayeyarwady and Thanlwin Rivers Sediments in the Andaman Sea and Bay of Bengal. <i>Marine Geology</i> , 2020 , 423, 106137	3.3	17
16	Sediment dispersal and accumulation off the Ayeyarwady delta Tectonic and oceanographic controls. <i>Marine Geology</i> , 2019 , 417, 106000	3.3	12
15	Understanding sediment transfer from land to ocean. <i>Eos</i> , 2006 , 87, 281	1.5	12
14	Signals of watershed change preserved in organic carbon buried on the continental margin seaward of the Waipaoa River, New Zealand. <i>Marine Geology</i> , 2013 , 346, 355-365	3.3	11
13	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. <i>Geology</i> , 2000 , 28, 1083-1086	5	11
12	Transient, longitudinal, sedimentary furrows in the York River subestuary, Chesapeake Bay: Furrow evolution and effects on seabed mixing and sediment transport. <i>Estuaries and Coasts</i> , 2001 , 24, 215		10
11	Amazon Sediment Transport and Accumulation Along the Continuum of Mixed Fluvial and Marine Processes. <i>Annual Review of Marine Science</i> , 2021 , 13, 501-536	15.4	10
10	Extension of ²³⁹⁺²⁴⁰ Pu sediment geochronology to coarse-grained marine sediments. <i>Continental Shelf Research</i> , 2012 , 36, 83-88	2.4	8
9	An overview of sedimentation on the amazon continental shelf. <i>Geo-Marine Letters</i> , 1984 , 4, 207-210	1.9	6
8	Recent paleoseismicity record in Prince William Sound, Alaska, USA. <i>Geo-Marine Letters</i> , 2017 , 37, 527-536		4
7	Spatial and temporal patterns in erosion and deposition in the York River, Chesapeake Bay, VA. <i>Estuarine, Coastal and Shelf Science</i> , 2013 , 117, 148-158	2.9	3
6	Exploring the transfer of Earth surface materials from source to sink. <i>Eos</i> , 2011 , 92, 188-188	1.5	3
5	Application of Plutonium Isotopes to the Sediment Geochronology of Coarse-Grained Sediments from Englebright Lake, California (USA). <i>Aquatic Geochemistry</i> , 2016 , 22, 97-115	1.7	2
4	Anthropogenic impact on the organic carbon sources, transport and distribution in a subtropical semi-enclosed bay. <i>Science of the Total Environment</i> , 2021 , 767, 145047	10.2	0
3	Sediment and terrestrial organic carbon budgets for the offshore Ayeyarwady Delta, Myanmar: Establishing a baseline for future change. <i>Marine Geology</i> , 2022 , 106782	3.3	0
2	Assessment of the high-resolution paleoseismicity record from sediment gravity flows in Prince William Sound, Alaska. <i>Marine Geology</i> , 2019 , 408, 110-122	3.3	
1	Seasonal variability of ⁷ Be in suspended sediments from the Copper River, Alaska: implications for quantifying recent flood deposits in coastal environments. <i>Geo-Marine Letters</i> , 2018 , 38, 467-480	1.9	

