

Steven A Kuehl

List of Publications by Year in descending order

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53
papers

3,611
citations

159358

30
h-index

168136

53
g-index

55
all docs

55
docs citations

55
times ranked

2498
citing authors

#	ARTICLE	IF	CITATIONS
1	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. <i>Geology</i> , 2000, 28, 1083.	2.0	311
2	Nature of sediment accumulation on the Amazon continental shelf. <i>Continental Shelf Research</i> , 1986, 6, 209-225.	0.9	308
3	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.	1.0	218
4	Subaqueous delta of the Ganges-Brahmaputra river system. <i>Marine Geology</i> , 1997, 144, 81-96.	0.9	210
5	Controls on facies distribution and stratigraphic preservation in the Ganges-Brahmaputra delta sequence. <i>Sedimentary Geology</i> , 2003, 155, 301-316.	1.0	209
6	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.	2.0	205
7	Shelf sedimentation off the Ganges-Brahmaputra river system: Evidence for sediment bypassing to the Bengal fan. <i>Geology</i> , 1989, 17, 1132.	2.0	182
8	An introduction to the geological significance of sediment transport and accumulation on the Amazon continental shelf. <i>Marine Geology</i> , 1995, 125, 177-192.	0.9	131
9	Sediment deposition, accumulation, and seabed dynamics in an energetic fine-grained coastal environment. <i>Continental Shelf Research</i> , 1996, 16, 787-815.	0.9	118
10	Mineralogy of the Ganges and Brahmaputra Rivers: implications for river switching and Late Quaternary climate change. <i>Sedimentary Geology</i> , 2003, 155, 343-359.	1.0	116
11	The geological record preserved by Amazon shelf sedimentation. <i>Continental Shelf Research</i> , 1996, 16, 817-841.	0.9	107
12	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.	0.9	105
13	Distribution of sedimentary structures in the Amazon subaqueous delta. <i>Continental Shelf Research</i> , 1986, 6, 311-336.	0.9	102
14	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.	0.9	93
15	Modern sediment accumulation and strata formation on the Amazon continental shelf. <i>Marine Geology</i> , 1982, 49, 279-300.	0.9	79
16	Suspended sediment distribution and residual transport in the coastal ocean off the Ganges-Brahmaputra river mouth. <i>Marine Geology</i> , 1994, 120, 41-61.	0.9	78
17	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.	1.6	73
18	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.	0.9	70

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19	A long, square-barrel gravity corer for sedimentological and geochemical investigation of fine-grained sediments. <i>Marine Geology</i> , 1985, 62, 365-370.	0.9	61
20	Seabed dynamics of the inner Amazon continental shelf: temporal and spatial variability of surficial strata. <i>Marine Geology</i> , 1995, 125, 283-302.	0.9	59
21	A source-to-sink perspective of the Waipaoa River margin. <i>Earth-Science Reviews</i> , 2016, 153, 301-334.	4.0	56
22	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.	0.9	53
23	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.	0.9	52
24	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.	0.9	51
25	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.	1.6	51
26	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.	0.9	46
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, 154-163.	2.3	38
28	Geological significance of sediment transport and accumulation on the Amazon continental shelf. <i>Marine Geology</i> , 1995, 125, 175-176.	0.9	32
29	Recent sedimentation patterns and facies distribution on the Poverty Shelf, New Zealand. <i>Marine Geology</i> , 2010, 270, 160-174.	0.9	32
30	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.	0.9	31
31	Fate of Ayeyarwady and Thanlwin Rivers Sediments in the Andaman Sea and Bay of Bengal. <i>Marine Geology</i> , 2020, 423, 106137.	0.9	29
32	Contrasting modes of shelf sediment dispersal off a high-yield river: Waiapu River, New Zealand. <i>Marine Geology</i> , 2007, 243, 18-30.	0.9	27
33	Sediment accumulation patterns and fine-scale strata formation on the Waiapu River shelf, New Zealand. <i>Marine Geology</i> , 2010, 270, 188-201.	0.9	26
34	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.	5.1	25
35	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. <i>Geology</i> , 2000, 28, 1083-1086.	2.0	25
36	Sedimentology and Stratigraphy of the Amazon Continental Shelf. <i>Oceanography</i> , 1991, 4, 33-38.	0.5	24

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37	Sedimentary structures on the Bengal shelf: a multi-scale approach to sedimentary fabric interpretation. <i>Sedimentary Geology</i> , 1994, 93, 165-180.	1.0	24
38	Modern sedimentary processes in the Wilmington Canyon area, U.S. east coast. <i>Marine Geology</i> , 1990, 92, 205-226.	0.9	23
39	Assessment of the historical trace metal contamination of sediments in the Elizabeth River, Virginia. <i>Marine Pollution Bulletin</i> , 2007, 54, 385-395.	2.3	23
40	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.	3.9	18
41	Sediment dispersal and accumulation off the Ayeyarwady delta – Tectonic and oceanographic controls. <i>Marine Geology</i> , 2019, 417, 106000.	0.9	17
42	Understanding sediment transfer from land to ocean. <i>Eos</i> , 2006, 87, 281.	0.1	13
43	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.	1.7	12
44	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.	0.9	11
45	An overview of sedimentation on the amazon continental shelf. <i>Geo-Marine Letters</i> , 1984, 4, 207-210.	0.5	8
46	Extension of $^{239+240}\text{Pu}$ sediment geochronology to coarse-grained marine sediments. <i>Continental Shelf Research</i> , 2012, 36, 83-88.	0.9	8
47	Recent paleoseismicity record in Prince William Sound, Alaska, USA. <i>Geo-Marine Letters</i> , 2017, 37, 527-536.	0.5	5
48	Sediment and terrestrial organic carbon budgets for the offshore Ayeyarwady Delta, Myanmar: Establishing a baseline for future change. <i>Marine Geology</i> , 2022, 447, 106782.	0.9	4
49	Exploring the transfer of Earth surface materials from source to sink. <i>Eos</i> , 2011, 92, 188-188.	0.1	3
50	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.	0.9	3
51	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.	1.5	2
52	Seasonal variability of ^7Be 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.	0.5	0
53	Assessment of the high-resolution paleoseismicity record from sediment gravity flows in Prince William Sound, Alaska. <i>Marine Geology</i> , 2019, 408, 110-122.	0.9	0