Steven A Kuehl

List of Publications by Year
in descending order

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Version: 2024-02-01

53	3,611	159585 30	168389 53
papers	citations	h-index	g-index

55	55	55	2498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. Geology, 2000, 28, 1083.	4.4	311
2	Nature of sediment accumulation on the Amazon continental shelf. Continental Shelf Research, 1986, 6, 209-225.	1.8	308
3	Floodplain processes in the Bengal Basin and the storage of Gangesâ€“Brahmaputra river sediment: an accretion study using 137Cs and 210Pb geochronology. Sedimentary Geology, 1998, 121, 239-258.	2.1	218
4	Subaqueous delta of the Ganges-Brahmaputra river system. Marine Geology, 1997, 144, 81-96.	2.1	210
5	Controls on facies distribution and stratigraphic preservation in the Gangesâ€“Brahmaputra delta sequence. Sedimentary Geology, 2003, 155, 301-316.	2.1	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. Geology, 1999, 27, 559.	4.4	205
7	Shelf sedimentation off the Ganges-Brahmaputra river system: Evidence for sediment bypassing to the Bengal fan. Geology, 1989, 17, 1132.	4.4	182
8	An introduction to the geological significance of sediment transport and accumulation on the Amazon continental shelf. Marine Geology, 1995, 125, 177-192.	2.1	131
9	Sediment deposition, accumulation, and seabed dynamics in an energetic fine-grained coastal environment. Continental Shelf Research, 1996, 16, 787-815.	1.8	118
10	Mineralogy of the Ganges and Brahmaputra Rivers: implications for river switching and Late Quaternary climate change. Sedimentary Geology, 2003, 155, 343-359.	2.1	116
11	The geological record preserved by Amazon shelf sedimentation. Continental Shelf Research, 1996, 16, 817-841.	1.8	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. Continental Shelf Research, 1986, 6, 107-125.	1.8	105
13	Distribution of sedimentary structures in the Amazon subaqueous delta. Continental Shelf Research, 1986, 6, 311-336.	1.8	102
14	Non-steady-state 210Pb flux and the use of 228Ra/226Ra as a geochronometer on the Amazon continental shelf. Marine Geology, 1995, 125, 329-350.	2.1	93
15	Modern sediment accumulation and strata formation on the Amazon continental shelf. Marine Geology, 1982, 49, 279-300.	2.1	79
16	Suspended sediment distribution and residual transport in the coastal ocean off the Ganges-Brahmaputra river mouth. Marine Geology, 1994, 120, 41-61.	2.1	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. Bulletin of the Geological Society of America, 2014, 126, 1495-1510.	3.3	73
18	From mountain source to ocean sink â€“ the passage of sediment across an active margin, Waipaoa Sedimentary System, New Zealand. Marine Geology, 2010, 270, 1-10.	2.1	70

#	Article	IF	Citations
19	A long, square-barrel gravity corer for sedimentological and geochemical investigation of fine-grained sediments. Marine Geology, 1985, 62, 365-370.	2.1	61
20	Seabed dynamics of the inner Amazon continental shelf: temporal and spatial variability of surficial strata. Marine Geology, 1995, 125, 283-302.	2.1	59
21	A source-to-sink perspective of the Waipaoa River margin. Earth-Science Reviews, 2016, 153, 301-334.	9.1	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. Marine Chemistry, 1999, 66, 113-127.	2.3	53
23	Nature of sediment dispersal off the Sepik River, Papua New Guinea: preliminary sediment budget and implications for margin processes. Continental Shelf Research, 2004, 24, 2417-2429.	1.8	52
24	Sediment mixing and accumulation rates in the Sulu and South China Seas: Implications for organic carbon preservation in deep-sea environments. Marine Geology, 1993, 111, 15-35.	2.1	51
25	The behavior of particle-reactive tracers in a high turbidity environment: 234Th and 210Pb on the Amazon continental shelf. Geochimica Et Cosmochimica Acta, 1996, 60, 2123-2137.	3.9	51
26	Shelf sedimentation on a tectonically active margin: A modern sediment budget for Poverty continental shelf, New Zealand. Marine Geology, 2010, 270, 175-187.	2.1	46
27	Changes in sediment and organic carbon accumulation in a highly-disturbed ecosystem: The Sacramento-San Joaquin River Delta (California, USA). Marine Pollution Bulletin, 2009, 59, 154-163.	5.0	38
28	Geological significance of sediment transport and accumulation on the Amazon continental shelf. Marine Geology, 1995, 125, 175-176.	2.1	32
29	Recent sedimentation patterns and facies distribution on the Poverty Shelf, New Zealand. Marine Geology, 2010, 270, 160-174.	2.1	32
30	Ephemeral deposition, seabed mixing and fine-scale strata formation in the York River estuary, Chesapeake Bay. Estuarine, Coastal and Shelf Science, 2003, 58, 621-643.	2.1	31
31	Fate of Ayeyarwady and Thanlwin Rivers Sediments in the Andaman Sea and Bay of Bengal. Marine Geology, 2020, 423, 106137.	2.1	29
32	Contrasting modes of shelf sediment dispersal off a high-yield river: Waiapu River, New Zealand. Marine Geology, 2007, 243, 18-30.	2.1	27
33	Sediment accumulation patterns and fine-scale strata formation on the Waiapu River shelf, New Zealand. Marine Geology, 2010, 270, 188-201.	2.1	26
34	Amazon Sediment Transport and Accumulation Along the Continuum of Mixed Fluvial and Marine Processes. Annual Review of Marine Science, 2021, 13, 501-536.	11.6	25
35	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. Geology, 2000, 28, 1083-1086.	4.4	25
36	Sedimentology and Stratigraphy of the Amazon Continental Shelf. Oceanography, 1991, 4, 33-38.	1.0	24

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37	Sedimentary structures on the Bengal shelf: a multi-scale approach to sedimentary fabric interpretation. Sedimentary Geology, 1994, 93, 165-180.	2.1	24
38	Modern sedimentary processes in the Wilmington Canyon area, U.S. east coast. Marine Geology, 1990, 92, 205-226.	2.1	23
39	Assessment of the historical trace metal contamination of sediments in the Elizabeth River, Virginia. Marine Pollution Bulletin, 2007, 54, 385-395.	5.0	23
40	Anthropogenic impact on the organic carbon sources, transport and distribution in a subtropical semi-enclosed bay. Science of the Total Environment, 2021, 767, 145047.	8.0	18
41	Sediment dispersal and accumulation off the Ayeyarwady delta â€“ Tectonic and oceanographic controls. Marine Geology, 2019, 417, 106000.	2.1	17
42	Understanding sediment transfer from land to ocean. Eos, 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. Estuaries and Coasts, 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. Marine Geology, 2013, 346, 355-365.	2.1	11
45	An overview of sedimentation on the amazon continental shelf. Geo-Marine Letters, 1984, 4, 207-210.	1.1	8
46	Extension of 239+240Pu sediment geochronology to coarse-grained marine sediments. Continental Shelf Research, 2012, 36, 83-88.	1.8	8
47	Recent paleoseismicity record in Prince William Sound, Alaska, USA. Geo-Marine Letters, 2017, 37, 527-536.	1.1	5
48	Sediment and terrestrial organic carbon budgets for the offshore Ayeyarwady Delta, Myanmar: Establishing a baseline for future change. Marine Geology, 2022, 447, 106782.	2.1	4
49	Exploring the transfer of Earth surface materials from source to sink. Eos, 2011, 92, 188-188.	0.1	3
50	Spatial and temporal patterns in erosion and deposition in the York River, Chesapeake Bay, VA. Estuarine, Coastal and Shelf Science, 2013, 117, 148-158.	2.1	3
51	Application of Plutonium Isotopes to the Sediment Geochronology of Coarse-Grained Sediments from Englebright Lake, California (USA). Aquatic Geochemistry, 2016, 22, 97-115.	1.3	2
52	Seasonal variability of 7Be in suspended sediments from the Copper River, Alaska: implications for quantifying recent flood deposits in coastal environments. Geo-Marine Letters, 2018, 38, 467-480.	1.1	0
53	Assessment of the high-resolution paleoseismicity record from sediment gravity flows in Prince William Sound, Alaska. Marine Geology, 2019, 408, 110-122.	2.1	0