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List of Publications by Year
in descending order

89	2,996	172457	175258
papers	citations	29 h-index	52 g-index

93	93	93	2262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peak Water Level Response to Channel Deepening Depends on Interaction Between Tides and the River Flow. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	3
2	Strategic Plan for the Journal of Geophysical Researchâ€"Earth Surface. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	2.8	1
3	Thank You to Our 2021 Reviewers, and a New Coâ€Reviewing Protocol. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	2.8	1
4	Inferring Suspended Sediment Carbon Content and Particle Size at High Frequency From the Optical Response of a Submerged Spectrometer. Water Resources Research, 2022, 58, .	4.2	3
5	Rapidly Migrating Secondary Bedforms Can Persist on the Lee of Slowly Migrating Primary River Dunes. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005918.	2.8	13
6	Thank You to Our 2020 Reviewers. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006154.	2.8	0
7	The Influence of Slipface Angle on Fluvial Dune Growth. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005959.	2.8	6
8	Largeâ€Scale Scour in Response to Tidal Dominance in Estuaries. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF006048.	2.8	4
9	Anthropogenic Effects on the Contemporary Sediment Budget of the Lower Rhineâ€Meuse Delta Channel Network. Earth's Future, 2021, 9, e2020EF001869.	6.3	21
10	Plain Language Summaries to be Required for Submission to Journal of Geophysical Research: Earth Surface. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006323.	2.8	0
11	Quantifying Hydraulic Roughness From Field Data: Can Dune Morphology Tell the Whole Story?. Water Resources Research, 2021, 57, e2021WR030329.	4.2	7
12	Idealized Model for the Deflection of Sediment Into Lateral Branches of Lowland Rivers. Water Resources Research, 2020, 56, e2019WR026602.	4.2	4
13	Thank You to Our 2019 Reviewers. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2020JF005650.	2.8	0
14	Diversion of Flow and Sediment Toward a Side Channel Separated From a River by a Longitudinal Training Dam. Water Resources Research, 2020, 56, e2019WR026750.	4.2	7
15	Resilience of River Deltas in the Anthropocene. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2019JF005201.	2.8	48
16	Scaleâ€Dependent Evanescence of River Dunes During Discharge Extremes. Geophysical Research Letters, 2020, 47, e2019GL085902.	4.0	14
17	Effect of nonâ€migrating bars on dune dynamics in a lowland river. Earth Surface Processes and Landforms, 2020, 45, 1361-1375.	2.5	9
18	Global-scale human impact on delta morphology has led to net land area gain. Nature, 2020, 577, 514-518.	27.8	241

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19	Impact of river discharge seasonality change on tidal duration asymmetry in the Yangtze River Estuary. Scientific Reports, 2020, 10, 6304.	3.3	13
20	Bed morphodynamics at the intake of a side channel controlled by sill geometry. Advances in Water Resources, 2019, 134, 103452.	3.8	13
21	Analytical model captures intratidal variation in salinity in a convergent, well-mixed estuary. Hydrology and Earth System Sciences, 2019, 23, 4309-4322.	4.9	5
22	Flow and Suspended Sediment Division at Two Highly Asymmetric Bifurcations in a River Delta: Implications for Channel Stability. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2358-2380.	2.8	19
23	Propagation of tides along a river with a sloping bed. Journal of Fluid Mechanics, 2019, 872, 39-73.	3.4	19
24	Flow and bed morphology response to the introduction of wood logs for sediment management. Advances in Water Resources, 2019, 130, 1-11.	3.8	4
25	Thank You to Our 2018 Peer Reviewers. Journal of Geophysical Research F: Earth Surface, 2019, 124, 868-873.	2.8	0
26	Subtidal Flow Reversal Associated With Sediment Accretion in a Delta Channel. Water Resources Research, 2019, 55, 10781-10795.	4.2	8
27	Application of a Line Laser Scanner for Bed Form Tracking in a Laboratory Flume. Water Resources Research, 2018, 54, 2078-2094.	4.2	12
28	Future Change to Tideâ€Influenced Deltas. Geophysical Research Letters, 2018, 45, 3499-3507.	4.0	68
29	Prerequisites for Accurate Monitoring of River Discharge Based on Fixedâ€Location Velocity Measurements. Water Resources Research, 2018, 54, 1058-1076.	4.2	24
30	Exposure of coastal ecosystems to river plume spreading across a near-equatorial continental shelf. Continental Shelf Research, 2018, 153, 1-15.	1.8	11
31	Morphodynamic effects of riparian vegetation growth after stream restoration. Earth Surface Processes and Landforms, 2018, 43, 1591-1607.	2.5	26
32	Scale model of a training dam using lightweight granulates. E3S Web of Conferences, 2018, 40, 05074.	0.5	1
33	Anatomy of simultaneous flood peaks at a lowland confluence. Hydrology and Earth System Sciences, 2018, 22, 5599-5613.	4.9	10
34	Experimental investigation of low-angle dune morphodynamics. E3S Web of Conferences, 2018, 40, 02056.	0.5	2
35	Flow Bifurcation at a Longitudinal Training Dam: Effects on Local Morphology. E3S Web of Conferences, 2018, 40, 05020.	0.5	4
36	Unravelling the causes of tidal asymmetry in deltas. Journal of Hydrology, 2018, 564, 588-604.	5.4	64

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37	Distributary channels in the fluvial to tidal transition zone. Journal of Geophysical Research F: Earth Surface, 2017, 122, 696-710.	2.8	49
38	Tidal impacts on the subtidal flow division at the main bifurcation in the Yangtze River Delta. Estuarine, Coastal and Shelf Science, 2017, 196, 301-314.	2.1	27
39	Tidal controls on river delta morphology. Nature Geoscience, 2017, 10, 637-645.	12.9	148
40	A Sharp View on River Dune Transition to Upper Stage Plane Bed. Geophysical Research Letters, 2017, 44, 11,437.	4.0	38
41	Hydrology of inland tropical lowlands: the Kapuas and Mahakam wetlands. Hydrology and Earth System Sciences, 2017, 21, 2579-2594.	4.9	27
42	Tidal river dynamics: Implications for deltas. Reviews of Geophysics, 2016, 54, 240-272.	23.0	222
43	Simulations of the flow in the Mahakam riverâ€“lakeâ€“delta system, Indonesia. Environmental Fluid Mechanics, 2016, 16, 603-633.	1.6	15
44	Multiscale structure of meanders. Geophysical Research Letters, 2016, 43, 3288-3297.	4.0	20
45	Modelling fine-grained sediment transport in the Mahakam landâ€“sea continuum, Indonesia. Journal of Hydro-Environment Research, 2016, 13, 103-120.	2.2	8
46	Chute cutoff as a morphological response to stream reconstruction: The possible role of backwater. Water Resources Research, 2015, 51, 3339-3352.	4.2	23
47	Flow structure caused by a local crossâ€sectional area increase and curvature in a sharp river bend. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1771-1783.	2.8	50
48	Wind forcing controls on river plume spreading on a tropical continental shelf. Journal of Geophysical Research: Oceans, 2015, 120, 16-35.	2.6	15
49	Morphological change in the Pearl River Delta, China. Marine Geology, 2015, 363, 202-219.	2.1	87
50	Morphological assessment of reconstructed lowland streams in the Netherlands. Advances in Water Resources, 2015, 81, 161-171.	3.8	16
51	Morphodynamic regime change in a reconstructed lowland stream. Earth Surface Dynamics, 2014, 2, 279-293.	2.4	13
52	Prediction of Discharge in a Tidal River Using Artificial Neural Networks. Journal of Hydrologic Engineering - ASCE, 2014, 19, .	1.9	36
53	Improved flow velocity estimates from moving-boat ADCP measurements. Water Resources Research, 2014, 50, 4186-4196.	4.2	22
54	Human impacts on tides overwhelm the effect of sea level rise on extreme water levels in the Rhineâ€“Meuse delta. Coastal Engineering, 2014, 90, 40-50.	4.0	51

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55	River scale model of a training dam using lightweight granulates. Journal of Hydro-Environment Research, 2014, 8, 88-94.	2.2	9
56	Sharp bends associated with deep scours in a tropical river: The river Mahakam (East Kalimantan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	24
57	Field experiment on alternate bar development in a straight sand-bed stream. Water Resources Research, 2013, 49, 8357-8369.	4.2	64
58	On the use of horizontal acoustic Doppler profilers for continuous bed shear stress monitoring. International Journal of Sediment Research, 2013, 28, 260-268.	3.5	3
59	Sediment discharge division at two tidally influenced river bifurcations. Water Resources Research, 2013, 49, 2119-2134.	4.2	35
60	Water and suspended sediment division at a stratified tidal junction. Journal of Geophysical Research: Oceans, 2013, 118, 1459-1472.	2.6	33
61	Quantified turbulent diffusion of suspended sediment using acoustic Doppler current profilers. Geophysical Research Letters, 2013, 40, 5692-5697.	4.0	12
62	Historical analysis indicates seepage control on initiation of meandering. Earth Surface Processes and Landforms, 2013, 38, 888-897.	2.5	8
63	River flow controls on tides and tideâ€mean water level profiles in a tidal freshwater river. Journal of Geophysical Research: Oceans, 2013, 118, 4139-4151.	2.6	110
64	Downstream hydraulic geometry of a tidally influenced river delta. Journal of Geophysical Research, 2012, 117, .	3.3	50
65	Impact of sound attenuation by suspended sediment on ADCP backscatter calibrations. Water Resources Research, 2012, 48, .	4.2	62
66	Flood occurrence mapping of the middle Mahakam lowland area using satellite radar. Hydrology and Earth System Sciences, 2012, 16, 1805-1816.	4.9	23
67	Suspended sediment load in the tidal zone of an Indonesian river. Hydrology and Earth System Sciences, 2012, 16, 4191-4204.	4.9	21
68	Discharge estimation from Hâ€ADCP measurements in a tidal river subject to sidewall effects and a mobile bed. Water Resources Research, 2011, 47, .	4.2	51
69	Coupled ADCPs can yield complete Reynolds stress tensor profiles in geophysical surface flows. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	23
70	Lateral transfer of streamwise momentum caused by a roughness transition across a shallow channel. Water Resources Research, 2011, 47, .	4.2	54
71	Discharge estimation in a backwater affected meandering river. Hydrology and Earth System Sciences, 2011, 15, 2717-2728.	4.9	52
72	Mixing and stratification in a tropical tidal embayment subject to a distributed freshwater source. Journal of Marine Systems, 2011, 88, 34-44.	2.1	8

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73	Preliminary results of a finite-element, multi-scale model of the Mahakam Delta (Indonesia). Ocean Dynamics, 2011, 61, 1107-1120.	2.2	26
74	Tidal impact on the division of river discharge over distributary channels in the Mahakam Delta. Ocean Dynamics, 2011, 61, 2211-2228.	2.2	87
75	Tidal and subtidal flow patterns on a tropical continental shelf semiâ€insulated by coral reefs. Journal of Geophysical Research, 2010, 115, .	3.3	15
76	Subtidal flow division at a shallow tidal junction. Water Resources Research, 2010, 46, .	4.2	70
77	Continuous measurements of discharge from a horizontal acoustic Doppler current profiler in a tidal river. Water Resources Research, 2009, 45, .	4.2	67
78	Subtidal water level variation controlled by river flow and tides. Water Resources Research, 2009, 45, .	4.2	122
79	Comment on â€œThe origin of neapâ€“spring tidal cyclesâ€•by Erik P. Kvale [Marine Geology 235 (2006) 5â€“18]. Marine Geology, 2008, 248, 122-125.	2.1	5
80	Field Verification of ADCP Surface Gravity Wave Elevation Spectra. Journal of Atmospheric and Oceanic Technology, 2007, 24, 912-922.	1.3	9
81	From River Basin to Barrier Reef: Pathways of Coastal Sediments. , 2007, , .		0
82	Comment on â€œOn the role of diurnal tides in contributing to asymmetries in tidal probability distribution functions in areas of predominantly semi-diurnal tideâ€•by P.L. Woodworth, D.L. Blackman, D.T. Pugh and J.M. Vassie [Estuarine, Coastal and Shelf Science 64 (2005) 235â€“240]. Estuarine, Coastal and Shelf Science, 2006, 67, 340-341.	2.1	8
83	Late-Holocene evolution of the Mahakam delta, East Kalimantan, Indonesia. Sedimentary Geology, 2005, 180, 149-166.	2.1	75
84	Observations of suspended sediment from ADCP and OBS measurements in a mud-dominated environment. Coastal Engineering, 2005, 52, 103-118.	4.0	115
85	Tidal flow asymmetry in the diurnal regime: bed-load transport and morphologic changes around the Red River Delta. Ocean Dynamics, 2004, 54, 424.	2.2	29
86	Tidally-induced clouds of suspended sediment connected to shallow-water coral reefs. Marine Geology, 2004, 208, 13-31.	2.1	31
87	Hydrodynamic control of the supply of reworked terrigenous sediment to coral reefs in the Bay of Banten (NW Java, Indonesia). Estuarine, Coastal and Shelf Science, 2003, 58, 743-755.	2.1	27
88	Flow asymmetry associated with astronomical tides: Implications for the residual transport of sediment. Journal of Geophysical Research, 2003, 108, .	3.3	112
89	Three-Dimensional Velocity Structure and Suspended Sediments at Coral Reefs in Teluk Banten, Indonesia. , 2001, , 3345.		0