

Aldo Sottolichio

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

516
citations

687363

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23
all docs

23
docs citations

23
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbidity in the fluvial Gironde Estuary (southwest France) based on 10-year continuous monitoring: sensitivity to hydrological conditions. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2805-2819.	4.9	75
2	Monitoring water quality in estuarine environments: lessons from the MAGEST monitoring program in the Gironde fluvial-estuarine system. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 831-840.	4.9	55
3	Tracking the turbidity maximum zone in the Loire Estuary (France) based on a long-term, high-resolution and high-frequency monitoring network. <i>Continental Shelf Research</i> , 2016, 117, 1-11.	1.8	52
4	To What Extent Multidecadal Changes in Morphology and Fluvial Discharge Impact Tide in a Convergent (Turbid) Tidal River. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3241-3258.	2.6	41
5	Hydro- and sediment dynamics in the Gironde estuary (France): Sensitivity to seasonal variations in river inflow and sea level rise. <i>Continental Shelf Research</i> , 2018, 165, 37-50.	1.8	37
6	Acoustic turbulence measurements of near-bed suspended sediment dynamics in highly turbid waters of a macrotidal estuary. <i>Continental Shelf Research</i> , 2011, 31, S36-S49.	1.8	35
7	Impact of urban effluents on summer hypoxia in the highly turbid Gironde Estuary, applying a 3D model coupling hydrodynamics, sediment transport and biogeochemical processes. <i>Journal of Marine Systems</i> , 2017, 174, 89-105.	2.1	22
8	Modeling Mud and Sand Transfers Between a Macrotidal Estuary and the Continental Shelf: Influence of the Sediment Transport Parameterization. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015643.	2.6	22
9	Modeling mechanisms for the stability of the turbidity maximum in the Gironde estuary, France. <i>Proceedings in Marine Science</i> , 2000, , 373-386.	0.1	21
10	Comparison of environmental forcings affecting suspended sediments variability in two macrotidal, highly-turbid estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 529-541.	2.1	21
11	Evaluation of spectral methods for high-frequency multiannual time series in coastal transitional waters: advantages of combined analyses. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 381-396.	2.0	20
12	Analysis of Suspended Sediment Variability in a Large Highly Turbid Estuary Using a 5â€­Yearâ€­Long Remotely Sensed Data Archive at High Resolution. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7661-7682.	2.6	16
13	Subtidal variability of sea level in a macrotidal and convergent estuary. <i>Continental Shelf Research</i> , 2016, 131, 28-41.	1.8	15
14	Lateral variability of subtidal flow at the midâ€­reaches of a macrotidal estuary. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7651-7673.	2.6	13
15	Evaluation of the recent morphological evolution of the Gironde estuary through the use of some preliminary synthetic indicators. <i>Journal of Coastal Research</i> , 2013, 165, 1224-1229.	0.3	12
16	Intratidal and Fortnightly Variability of Vertical Mixing in a Macrotidal Estuary: The Gironde. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2641-2659.	2.6	11
17	Spatial Distributions of Surface Sedimentary Organics and Sediment Profile Image Characteristics in a High-Energy Temperate Marine RiOMar: The West Gironde Mud Patch. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 242.	2.6	11
18	Multidecadal Evolution of the Turbidity Maximum Zone in a Macrotidal River Under Climate and Anthropogenic Pressures. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016273.	2.6	10

#	ARTICLE	IF	CITATIONS
19	Fluvial sand, Amazon mud, and sediment accommodation in the tropical Maroni River estuary: Controls on the transition from estuary to delta and chenier plain. <i>Regional Studies in Marine Science</i> , 2021, 41, 101548.	0.7	9
20	The role of advection and density gradients in driving the residual circulation along a macrotidal and convergent estuary with non-idealized geometry. <i>Continental Shelf Research</i> , 2021, 212, 104295.	1.8	6
21	Dynamics of coarse particulate matter in the turbidity maximum zone of the Gironde Estuary. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 28-36.	1.2	5
22	A remote sensing-based classification approach for river mouths of the Amazon-influenced Guianas coast. <i>Regional Environmental Change</i> , 2022, 22, .	2.9	4
23	Circulation patterns and implication for fine sediment transport in a preserved tropical estuary: The case of the Maroni (French Guiana). <i>Regional Studies in Marine Science</i> , 2020, 40, 101493.	0.7	3