Marco Bajo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5252908/publications.pdf

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28	1,217	331670 21	501196 28
papers	citations	h-index	g-index

35	35	35	1608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative hydrodynamics of 10 Mediterranean lagoons by means of numerical modeling. Journal of Geophysical Research: Oceans, 2014, 119, 2212-2226.	2.6	157
2	Storm-induced marine flooding: Lessons from a multidisciplinary approach. Earth-Science Reviews, 2017, 165, 151-184.	9.1	114
3	Storm surge forecast through a combination of dynamic and neural network models. Ocean Modelling, 2010, 33, 1-9.	2.4	74
4	Tide-surge-wave modelling and forecasting in the Mediterranean Sea with focus on the Italian coast. Ocean Modelling, 2013, 61, 38-48.	2.4	70
5	Hydraulic zonation of the lagoons of Marano and Grado, Italy. A modelling approach. Estuarine, Coastal and Shelf Science, 2010, 87, 561-572.	2.1	61
6	The October 29, 2018 storm in Northern Italy â€“ An exceptional event and its modeling. Progress in Oceanography, 2019, 178, 102178.	3.2	61
7	Tidal changes in a heavily modified coastal wetland. Continental Shelf Research, 2015, 101, 22-33.	1.8	58
8	Toward homogenization of Mediterranean lagoons and their loss of hydrodiversity. Geophysical Research Letters, 2014, 41, 5935-5941.	4.0	55
9	A finite element operational model for storm surge prediction in Venice. Estuarine, Coastal and Shelf Science, 2007, 75, 236-249.	2.1	49
10	The 2019 Flooding of Venice and Its Implications for Future Predictions. Oceanography, 2020, 33, 42-49.	1.0	49
11	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	2.5	47
12	High resolution multibeam and hydrodynamic datasets of tidal channels and inlets of the Venice Lagoon. Scientific Data, 2017, 4, 170121.	5.3	41
13	Tidal dynamics in the inter-connected Mediterranean, Marmara, Black and Azov seas. Progress in Oceanography, 2018, 161, 102-115.	3.2	40
14	Copernicus Marine Service Ocean State Report, Issue 5. Journal of Operational Oceanography, 2021, 14, 1-185.	1.2	39
15	Local and large-scale controls of the exceptional Venice floods of November 2019. Progress in Oceanography, 2021, 197, 102628.	3.2	32
16	Impact of using scatterometer and altimeter data on storm surge forecasting. Ocean Modelling, 2017, 113, 85-94.	2.4	30
17	Integrated sea storm management strategy: the 29 October 2018 event in the Adriatic Sea. Natural Hazards and Earth System Sciences, 2020, 20, 73-93.	3.6	30
18	The prediction of floods in Venice: methods, models and uncertainty (review article). Natural Hazards and Earth System Sciences, 2021, 21, 2679-2704.	3.6	30

#	Article	IF	Citations
19	Hydrological Regime and Renewal Capacity of the Micro-tidal Lesina Lagoon, Italy. Estuaries and Coasts, 2014, 37, 79-93.	2.2	27
20	Storm surge and seiche modelling in the Adriatic Sea and the impact of data assimilation. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 2070-2084.	2.7	27
21	Cross-scale operational oceanography in the Adriatic Sea. Journal of Operational Oceanography, 2019, 12, 86-103.	1.2	26
22	The water circulation near the Danube Delta and the Romanian coast modelled with finite elements. Continental Shelf Research, 2014, 78, 62-74.	1.8	20
23	Sediment dynamics and budget in a microtidal lagoon â€" A numerical investigation. Marine Geology, 2016, 381, 163-174.	2.1	18
24	Improvements of storm surge forecasting in the Gulf of Venice exploiting the potential of satellite data: the ESA DUE eSurge-Venice project. European Journal of Remote Sensing, 2017, 50, 428-441.	3.5	18
25	Modelling the water dynamics of a tidal lagoon: The impact of human intervention in the Nador Lagoon (Morocco). Continental Shelf Research, 2021, 228, 104535.	1.8	16
26	Exploiting the Potential of Satellite Microwave Remote Sensing to Hindcast the Storm Surge in the Gulf of Venice. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5089-5105.	4.9	15
27	Improving storm surge forecast in Venice with a unidimensional Kalman filter. Estuarine, Coastal and Shelf Science, 2020, 239, 106773.	2.1	5
28	Model-driven optimization of coastal sea observatories through data assimilation in a finite element hydrodynamic model (SHYFEM v. 7_5_65). Geoscientific Model Development, 2021, 14, 645-659.	3.6	4