

Marco Bajo

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,217
citations

331670

21
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

1608
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-driven optimization of coastal sea observatories through data assimilation in a finite element hydrodynamic model (SHYFEM v. 7_5_65). <i>Geoscientific Model Development</i> , 2021, 14, 645-659.	3.6	4
2	Copernicus Marine Service Ocean State Report, Issue 5. <i>Journal of Operational Oceanography</i> , 2021, 14, 1-185.	1.2	39
3	The prediction of floods in Venice: methods, models and uncertainty (review article). <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2679-2704.	3.6	30
4	Local and large-scale controls of the exceptional Venice floods of November 2019. <i>Progress in Oceanography</i> , 2021, 197, 102628.	3.2	32
5	Modelling the water dynamics of a tidal lagoon: The impact of human intervention in the Nador Lagoon (Morocco). <i>Continental Shelf Research</i> , 2021, 228, 104535.	1.8	16
6	Integrated sea storm management strategy: the 29 October 2018 event in the Adriatic Sea. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 73-93.	3.6	30
7	Improving storm surge forecast in Venice with a unidimensional Kalman filter. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 239, 106773.	2.1	5
8	The 2019 Flooding of Venice and Its Implications for Future Predictions. <i>Oceanography</i> , 2020, 33, 42-49.	1.0	49
9	The October 29, 2018 storm in Northern Italy – An exceptional event and its modeling. <i>Progress in Oceanography</i> , 2019, 178, 102178.	3.2	61
10	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	47
11	Storm surge and seiche modelling in the Adriatic Sea and the impact of data assimilation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2070-2084.	2.7	27
12	Cross-scale operational oceanography in the Adriatic Sea. <i>Journal of Operational Oceanography</i> , 2019, 12, 86-103.	1.2	26
13	Tidal dynamics in the inter-connected Mediterranean, Marmara, Black and Azov seas. <i>Progress in Oceanography</i> , 2018, 161, 102-115.	3.2	40
14	Impact of using scatterometer and altimeter data on storm surge forecasting. <i>Ocean Modelling</i> , 2017, 113, 85-94.	2.4	30
15	Storm-induced marine flooding: Lessons from a multidisciplinary approach. <i>Earth-Science Reviews</i> , 2017, 165, 151-184.	9.1	114
16	High resolution multibeam and hydrodynamic datasets of tidal channels and inlets of the Venice Lagoon. <i>Scientific Data</i> , 2017, 4, 170121.	5.3	41
17	Improvements of storm surge forecasting in the Gulf of Venice exploiting the potential of satellite data: the ESA DUE eSurge-Venice project. <i>European Journal of Remote Sensing</i> , 2017, 50, 428-441.	3.5	18
18	Sediment dynamics and budget in a microtidal lagoon – A numerical investigation. <i>Marine Geology</i> , 2016, 381, 163-174.	2.1	18

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19	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
20	Tidal changes in a heavily modified coastal wetland. Continental Shelf Research, 2015, 101, 22-33.	1.8	58
21	Hydrological Regime and Renewal Capacity of the Micro-tidal Lesina Lagoon, Italy. Estuaries and Coasts, 2014, 37, 79-93.	2.2	27
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	Comparative hydrodynamics of 10 Mediterranean lagoons by means of numerical modeling. Journal of Geophysical Research: Oceans, 2014, 119, 2212-2226.	2.6	157
24	Toward homogenization of Mediterranean lagoons and their loss of hydrodiversity. Geophysical Research Letters, 2014, 41, 5935-5941.	4.0	55
25	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
26	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
27	Storm surge forecast through a combination of dynamic and neural network models. Ocean Modelling, 2010, 33, 1-9.	2.4	74
28	A finite element operational model for storm surge prediction in Venice. Estuarine, Coastal and Shelf Science, 2007, 75, 236-249.	2.1	49