

Eduardo MartÃ-nez-Gomariz

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

623
citations

686830

13
h-index

610482

24
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39
all docs

39
docs citations

39
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-scale experimental investigations on the response of a flooded passenger vehicle under subcritical conditions. <i>Natural Hazards</i> , 2022, 110, 325-348.	1.6	6
2	Identification of a Sustainable Approach to Conserve Rain Water - A Conceptual Study. , 2022, , .		0
3	A numerical approach to understand the responses of passenger vehicles moving through floodwaters. <i>Journal of Flood Risk Management</i> , 2022, 15, .	1.6	4
4	Criterion of vehicle instability in floodwaters: past, present and future. <i>International Journal of River Basin Management</i> , 2021, 19, 1-23.	1.5	18
5	A review of safety guidelines for vehicles in floodwaters. <i>International Journal of River Basin Management</i> , 2021, 19, 25-41.	1.5	10
6	Reconstructing the Snow Avalanche of Coll de Pal 2018 (SE Pyrenees). <i>GeoHazards</i> , 2021, 2, 196-211.	0.8	8
7	A novel expert opinion-based approach to compute estimations of flood damage to property in dense urban environments. Barcelona case study. <i>Journal of Hydrology</i> , 2021, 598, 126244.	2.3	10
8	Citizens' Perception of Combined Sewer Overflow Spills into Bathing Coastal Areas. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	3
9	Numerical Simulation to Assess Floating Instability of Small Passenger Vehicle Under Sub-critical Flow. <i>Lecture Notes in Civil Engineering</i> , 2021, , 258-265.	0.3	7
10	An approach to the modelling of stability of waste containers during urban flooding. <i>Journal of Flood Risk Management</i> , 2020, 13, .	1.6	13
11	Increased Urban Resilience to Climate Changeâ€”Key Outputs from the RESCCUE Project. <i>Sustainability</i> , 2020, 12, 9881.	1.6	4
12	Assessment of Urban Flood Resilience in Barcelona for Current and Future Scenarios. The RESCCUE Project. <i>Sustainability</i> , 2020, 12, 5638.	1.6	14
13	Flood Risk Assessment in an Underground Railway System under the Impact of Climate Changeâ€”A Case Study of the Barcelona Metro. <i>Sustainability</i> , 2020, 12, 5291.	1.6	34
14	Integrated Assessment of Climate Change Impacts and Urban Resilience: From Climate and Hydrological Hazards to Risk Analysis and Measures. <i>Sustainability</i> , 2020, 12, 6430.	1.6	4
15	Hydrodynamic effect on nonâ€”stationary vehicles at varying Froude numbers under subcritical flows on flat roadways. <i>Journal of Flood Risk Management</i> , 2020, 13, e12657.	1.6	7
16	A review of flood impact assessment approaches for underground infrastructures in urban areas: a focus on transport systems. <i>Hydrological Sciences Journal</i> , 2020, 65, 1943-1955.	1.2	20
17	Socio-Economic Assessment of Green Infrastructure for Climate Change Adaptation in the Context of Urban Drainage Planning. <i>Sustainability</i> , 2020, 12, 3792.	1.6	33
18	Modeling of <i>E. coli</i> distribution for hazard assessment of bathing waters affected by combined sewer overflows. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 1219-1232.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Electrical Grid Risk Assessment Against Flooding in Barcelona and Bristol Cities. Sustainability, 2020, 12, 1527.	1.6	26
20	Climate Change Implications for Water Availability: A Case Study of Barcelona City. Sustainability, 2020, 12, 1779.	1.6	11
21	Methodology to Prioritize Climate Adaptation Measures in Urban Areas. Barcelona and Bristol Case Studies. Sustainability, 2020, 12, 4807.	1.6	7
22	Flood Depth-Damage Curves for Spanish Urban Areas. Sustainability, 2020, 12, 2666.	1.6	35
23	Hazards threatening underground transport systems. Natural Hazards, 2020, 100, 1243-1261.	1.6	11
24	Evaluaci3n de la resiliencia de los servicios urbanos frente a episodios de inundaci3n en Barcelona. El Proyecto RESCCUE. Ingeniera Del Agua, 2020, 24, 101.	0.2	9
25	Methodology for the damage assessment of vehicles exposed to flooding in urban areas. Journal of Flood Risk Management, 2019, 12, .	1.6	20
26	Methodology to quantify clogging coefficients for grated inlets. Application to SANT MARTI catchment (Barcelona). Journal of Flood Risk Management, 2019, 12, .	1.6	12
27	Hazard risks pertaining to partially submerged non-stationary vehicle on low-lying roadways under subcritical flows. Results in Engineering, 2019, 3, 100032.	2.2	7
28	Socio-Economic Potential Impacts Due to Urban Pluvial Floods in Badalona (Spain) in a Context of Climate Change. Water (Switzerland), 2019, 11, 2658.	1.2	20
29	Estabilidad de vehculos frente a inundaciones: estudio numrico-experimental. Ribagua, 2019, 6, 123-137.	0.3	5
30	Desarrollo y aplicaci3n de curvas de dao y estanqueidad para la estimaci3n del impacto econmico de las inundaciones en zonas urbanas espaololas. Ingeniera Del Agua, 2019, 23, 229.	0.2	6
31	Experimental and Numerical Study of Stability of Vehicles Exposed to Flooding. Springer Water, 2018, , 595-605.	0.2	2
32	Stability criteria for flooded vehicles: a state-of-the-art review. Journal of Flood Risk Management, 2018, 11, .	1.6	63
33	A new experiments-based methodology to define the stability threshold for any vehicle exposed to flooding. Urban Water Journal, 2017, 14, 930-939.	1.0	59
34	Metodologaa para la evaluaci3n de daos a vehculos expuestos a inundaciones en zonas urbanas. Ingeniera Del Agua, 2017, 21, 247.	0.2	2
35	Assessment of inlet efficiency through a 3D simulation: numerical and experimental comparison. Water Science and Technology, 2016, 74, 1926-1935.	1.2	37
36	Experimental study of the stability of pedestrians exposed to urban pluvial flooding. Natural Hazards, 2016, 82, 1259-1278.	1.6	73

#	ARTICLE	IF	CITATIONS
37	Estabilidad de personas en flujos de agua. IngenierÃa Del Agua, 2016, 20, 43.	0.2	7