

# Eduardo Martínez-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  
g-index

39  
all docs

39  
docs citations

39  
times ranked

384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of the stability of pedestrians exposed to urban pluvial flooding. <i>Natural Hazards</i> , 2016, 82, 1259-1278.	1.6	73
2	Stability criteria for flooded vehicles: a state-of-the-art review. <i>Journal of Flood Risk Management</i> , 2018, 11, .	1.6	63
3	A new experiments-based methodology to define the stability threshold for any vehicle exposed to flooding. <i>Urban Water Journal</i> , 2017, 14, 930-939.	1.0	59
4	Assessment of inlet efficiency through a 3D simulation: numerical and experimental comparison. <i>Water Science and Technology</i> , 2016, 74, 1926-1935.	1.2	37
5	Flood Depth-Damage Curves for Spanish Urban Areas. <i>Sustainability</i> , 2020, 12, 2666.	1.6	35
6	Flood Risk Assessment in an Underground Railway System under the Impact of Climate Change—A Case Study of the Barcelona Metro. <i>Sustainability</i> , 2020, 12, 5291.	1.6	34
7	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
8	Electrical Grid Risk Assessment Against Flooding in Barcelona and Bristol Cities. <i>Sustainability</i> , 2020, 12, 1527.	1.6	26
9	Methodology for the damage assessment of vehicles exposed to flooding in urban areas. <i>Journal of Flood Risk Management</i> , 2019, 12, .	1.6	20
10	Socio-Economic Potential Impacts Due to Urban Pluvial Floods in Badalona (Spain) in a Context of Climate Change. <i>Water (Switzerland)</i> , 2019, 11, 2658.	1.2	20
11	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
12	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
13	Assessment of Urban Flood Resilience in Barcelona for Current and Future Scenarios. The RESCCUE Project. <i>Sustainability</i> , 2020, 12, 5638.	1.6	14
14	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
15	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
16	Methodology to quantify clogging coefficients for grated inlets. Application to SANT MARTI catchment (Barcelona). <i>Journal of Flood Risk Management</i> , 2019, 12, .	1.6	12
17	Climate Change Implications for Water Availability: A Case Study of Barcelona City. <i>Sustainability</i> , 2020, 12, 1779.	1.6	11
18	Hazards threatening underground transport systems. <i>Natural Hazards</i> , 2020, 100, 1243-1261.	1.6	11

#	ARTICLE	IF	CITATIONS
19	A review of safety guidelines for vehicles in floodwaters. International Journal of River Basin Management, 2021, 19, 25-41.	1.5	10
20	A novel expert opinion-based approach to compute estimations of flood damage to property in dense urban environments. Barcelona case study. Journal of Hydrology, 2021, 598, 126244.	2.3	10
21	Evaluaci3n de la resiliencia de los servicios urbanos frente a episodios de inundaci3n en Barcelona. El Proyecto RESCCUE. Ingenier3a Del Agua, 2020, 24, 101.	0.2	9
22	Reconstructing the Snow Avalanche of Coll de Pal 2018 (SE Pyrenees). GeoHazards, 2021, 2, 196-211.	0.8	8
23	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
24	Hydrodynamic effect on non-stationary vehicles at varying Froude numbers under subcritical flows on flat roadways. Journal of Flood Risk Management, 2020, 13, e12657.	1.6	7
25	Methodology to Prioritize Climate Adaptation Measures in Urban Areas. Barcelona and Bristol Case Studies. Sustainability, 2020, 12, 4807.	1.6	7
26	Numerical Simulation to Assess Floating Instability of Small Passenger Vehicle Under Sub-critical Flow. Lecture Notes in Civil Engineering, 2021, , 258-265.	0.3	7
27	Estabilidad de personas en flujos de agua. Ingenier3a Del Agua, 2016, 20, 43.	0.2	7
28	Full-scale experimental investigations on the response of a flooded passenger vehicle under subcritical conditions. Natural Hazards, 2022, 110, 325-348.	1.6	6
29	Desarrollo y aplicaci3n de curvas de da±o y estanqueidad para la estimaci3n del impacto econ3mico de las inundaciones en zonas urbanas espa±olas. Ingenier3a Del Agua, 2019, 23, 229.	0.2	6
30	Estabilidad de veh3culos frente a inundaciones: estudio num3rico-experimental. Ribagua, 2019, 6, 123-137.	0.3	5
31	Increased Urban Resilience to Climate Changeâ€”Key Outputs from the RESCCUE Project. Sustainability, 2020, 12, 9881.	1.6	4
32	Integrated Assessment of Climate Change Impacts and Urban Resilience: From Climate and Hydrological Hazards to Risk Analysis and Measures. Sustainability, 2020, 12, 6430.	1.6	4
33	A numerical approach to understand the responses of passenger vehicles moving through floodwaters. Journal of Flood Risk Management, 2022, 15, .	1.6	4
34	Citizens' Perception of Combined Sewer Overflow Spills into Bathing Coastal Areas. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	3
35	Experimental and Numerical Study of Stability of Vehicles Exposed to Flooding. Springer Water, 2018, , 595-605.	0.2	2
36	Metodolog3a para la evaluaci3n de da±os a veh3culos expuestos a inundaciones en zonas urbanas. Ingenier3a Del Agua, 2017, 21, 247.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Identification of a Sustainable Approach to Conserve Rain Water - A Conceptual Study. , 2022, , .		0