

# Omar Quetzalcātl Gutiérrez Gutiérrez

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

187  
citations

1163117

8  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tsunami evacuation modelling as a tool for risk reduction: application to the coastal area of El Salvador. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 3249-3270.	3.6	33
2	Integrated tsunami vulnerability and risk assessment: application to the coastal area of El Salvador. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1223-1244.	3.6	27
3	Tsunami hazard assessment in El Salvador, Central America, from seismic sources through flooding numerical models.. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 2927-2939.	3.6	22
4	Tsunamigenic potential of outer-rise normal faults at the Middle America trench in Central America. <i>Tectonophysics</i> , 2012, 574-575, 133-143.	2.2	20
5	Lagrangian surface circulation in the Gulf of California from a 3D numerical model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 659-672.	1.4	19
6	Numerical simulation of larval shrimp dispersion in the Northern Region of the Gulf of California. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 60, 611-617.	2.1	15
7	SMC , a coastal modeling system for assessing beach processes and coastal interventions: Application to the Brazilian coast. <i>Environmental Modelling and Software</i> , 2019, 116, 131-152.	4.5	13
8	Performance assessment of the database downscaled ocean waves (DOW) on Santa Catarina coast, South Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 623-634.	0.8	9
9	Estimating Flooding Level Through the Brazilian Coast Using Reanalysis Data. <i>Journal of Coastal Research</i> , 2016, 75, 1092-1096.	0.3	9
10	Lagrangian surface circulation in the Gulf of California from a 3D numerical model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 659-672.	1.4	4
11	Brazilian Coastal Processes: Wind, Wave Climate and Sea Level. <i>Coastal Research Library</i> , 2016, , 37-66.	0.4	4
12	Tsunami run-up estimation based on a hybrid numerical flume and a parameterization of real topobathymetric profiles. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 1469-1491.	3.6	4
13	A METHODOLOGY TO STUDY BEACH MORPHODYNAMICS BASED ON SELF-ORGANIZING MAPS AND DIGITAL IMAGES. , 2011, , .		3
14	THE NEW COASTAL MODELLING SYSTEM SMC-BRAZIL AND ITS APPLICATION TO THE EROSIONAL PROBLEM IN THE MASSAGUAÁU BEACH (SAO PAULO, BRAZIL). <i>Coastal Engineering Proceedings</i> , 2015, 1, 49.	0.1	2
15	On the feasibility of the use of wind SAR to downscale waves on shallow water. <i>Ocean Science</i> , 2016, 12, 39-49.	3.4	2
16	TSUNAMI RUN UP IN COASTAL AREAS: A METHODOLOGY TO CALCULATE RUN UP IN LARGE SCALE AREAS. <i>Coastal Engineering Proceedings</i> , 2015, 1, 7.	0.1	1