

# Vicente Vg Gracia

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

781  
citations

516561

16  
h-index

526166

27  
g-index

46  
all docs

46  
docs citations

46  
times ranked

944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Processes reshaping the Ebro delta. <i>Marine Geology</i> , 1997, 144, 59-79.	0.9	102
2	Managing coastal environments under climate change: Pathways to adaptation. <i>Science of the Total Environment</i> , 2016, 572, 1336-1352.	3.9	77
3	Near-bottom suspended sediment fluxes on the microtidal low-energy Ebro continental shelf (NW) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	76
4	Managing erosion-induced problems in NW Mediterranean urban beaches. <i>Ocean and Coastal Management</i> , 2011, 54, 907-918.	2.0	58
5	Coastal Flooding and Erosion under a Changing Climate: Implications at a Low-Lying Coast (Ebro) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	48
6	Mesoscale variability in the Bransfield Strait region (Antarctica) during Austral summer. <i>Annales Geophysicae</i> , 1994, 12, 856-867.	0.6	47
7	Sediment resuspension across a microtidal, low-energy inner shelf. <i>Continental Shelf Research</i> , 2002, 22, 305-325.	0.9	47
8	Implications of Climatic Change on Spanish Mediterranean Low-Lying Coasts: The Ebro Delta Case. <i>Journal of Coastal Research</i> , 2008, 242, 306-316.	0.1	45
9	A multivariate statistical model of extreme events: An application to the Catalan coast. <i>Coastal Engineering</i> , 2016, 117, 138-156.	1.7	37
10	Breaching of a barrier under extreme events. The role of morphodynamic simulations. <i>Journal of Coastal Research</i> , 2013, 65, 951-956.	0.1	27
11	Water and sediment fluxes on the Ebro Delta shoreface: on the role of low frequency currents. <i>Marine Geology</i> , 1999, 157, 219-239.	0.9	25
12	Multivariate statistical modelling of future marine storms. <i>Applied Ocean Research</i> , 2017, 65, 192-205.	1.8	25
13	On the Performance of High Frequency Radar in the Western Mediterranean During the Record-Breaking Storm Gloria. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	21
14	Multivariate Hybrid Modelling of Future Wave-Storms at the Northwestern Black Sea. <i>Water (Switzerland)</i> , 2018, 10, 221.	1.2	20
15	Hydro-morphodynamic modelling in Mediterranean storms " errors and uncertainties under sharp gradients. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 2993-3004.	1.5	19
16	Formation of fine sediment deposit from a flash flood river in the Mediterranean Sea. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 5837-5853.	1.0	17
17	Modeling of Future Extreme Storm Surges at the NW Mediterranean Coast (Spain). <i>Water (Switzerland)</i> , 2020, 12, 472.	1.2	15
18	Assessing the impact of sea level rise on port operability using LiDAR-derived digital elevation models. <i>Remote Sensing of Environment</i> , 2019, 232, 111318.	4.6	14

#	ARTICLE	IF	CITATIONS
19	Beach profile changes induced by surrogate Posidonia Oceanica: Laboratory experiments. Coastal Engineering, 2022, 175, 104144.	1.7	7
20	Suspended sediment observations in the Barcelona inner-shelf during storms. Journal of Coastal Research, 2013, 165, 1533-1538.	0.1	6
21	A NEW GENERATION OF EARLY WARNING SYSTEMS FOR COASTAL RISK. THE ICOAST PROJECT. Coastal Engineering Proceedings, 2015, 1, 18.	0.1	6
22	The land-sea coastal border: a quantitative definition by considering the wind and wave conditions in a wave-dominated, micro-tidal environment. Ocean Science, 2019, 15, 113-126.	1.3	6
23	Impact of Climate Change on Nearshore Waves at a Beach Protected by a Barrier Reef. Water (Switzerland), 2020, 12, 1681.	1.2	6
24	Green measures for Mediterranean harbours under a changing climate. Proceedings of the Institution of Civil Engineers: Maritime Engineering, 2017, 170, 55-66.	1.4	5
25	Influence of benthic boundary layer dynamics on wind-induced currents in the Ebro delta inner shelf. Journal of Geophysical Research, 2002, 107, 7-1.	3.3	4
26	Effects of Ultra-Porous 3D Printed Reefs on Wave Kinematics. Journal of Coastal Research, 2016, 75, 851-855.	0.1	4
27	Bottom Sediment Variability in the Active Layer of the Inner Shelf off the Ebro Delta. Journal of Coastal Research, 2005, 213, 482-496.	0.1	3
28	On the use of lightweight materials in small-scale mobile bed physical models. Journal of Coastal Research, 2013, 165, 1575-1580.	0.1	3
29	The Use of News Information Published in Newspapers to Estimate the Impact of Coastal Storms at a Regional Scale. Journal of Marine Science and Engineering, 2021, 9, 497.	1.2	3
30	Coastal Adaptation and Uncertainties: The Need of Ethics for a Shared Coastal Future. Frontiers in Marine Science, 2021, 8, .	1.2	2
31	A methodological framework for selecting an optimal sediment source within a littoral cell. Journal of Environmental Management, 2021, 296, 113207.	3.8	2
32	Tsunami hazards in the Catalan Coast, a low-intensity seismic activity area. Natural Hazards, 2017, 88, 1273-1295.	1.6	1
33	NEAR-BOTTOM SEDIMENT TRANSPORT SEAWARD OF THE SURF ZONE UNDER STORMS: ON THE ROLE OF CURRENTS, WIND AND INFRAGRAVITY WAVES IN MICROTIDAL ENVIRONMENTS. , 2003, , .		1
34	Short-Term Relatively Deep Sedimentation on the Ebro Delta Coast. Opening the Closure Depth. , 1999, , 2902.		0
35	Sensitivity Analysis of Longshore Sediment Transport Rate Estimations in a Highly Eroding Coast, The Montroig Beach (Tarragona, Spain). , 2001, , 112.		0
36	RELIABILITY ANALYSIS OF BEACHES AS DEFENSES AGAINST STORM IMPACTS UNDER A CLIMATE CHANGE SCENARIO. Coastal Engineering Proceedings, 2015, 1, 12.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Sustainability of Artificial Coasts: The Barcelona Coast Case. , 2015, , 163-182.		0
38	NATURAL ACCRETION MECHANISMS. THE ROLE IN FUTURE COASTAL SUSTAINABILITY. , 2015, , .		0
39	Effects of Storm Duration and Sequencing on Armour Layer Damages. , 2018, , .		0
40	Coastal Dynamics and Sustainability. , 2002, , 253-267.		0
41	BEACH MANAGEMENT IN A HIGHLY ERODING COAST WITH STRONG ECOLOGICAL CONSTRAINTS. , 2003, , .		0
42	CAPABILITY ASSESSMENT OF SEDIMENT TRANSPORT FORECASTING IN MEDITERRANEAN CONTINENTAL SHELVES. , 2011, , .		0
43	EVALUATION OF TRANSIENT DEFENCE MEASURES AGAINST STORMS. , 2015, , .		0
44	Sediment Mobility at Fangar Bay Entrance (NW Spanish Mediterranean): Management Implications Under Present and Future Climates. Journal of Coastal Research, 2020, 95, 894.	0.1	0