

Gabriel GarcÃ-a-Medina

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

387
citations

759055

12
h-index

752573

20
g-index

34
all docs

34
docs citations

34
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Wave resource assessment in Oregon and southwest Washington, USA. <i>Renewable Energy</i> , 2014, 64, 203-214.	4.3	58
2	Environmental and morphologic controls on wave-induced dune response. <i>Geomorphology</i> , 2019, 329, 108-128.	1.1	40
3	An Inner-Shelf Wave Forecasting System for the U.S. Pacific Northwest. <i>Weather and Forecasting</i> , 2013, 28, 681-703.	0.5	36
4	Integrating ocean wave energy at large-scales: A study of the US Pacific Northwest. <i>Renewable Energy</i> , 2015, 76, 551-559.	4.3	35
5	Development and validation of a high-resolution regional wave hindcast model for U.S. West Coast wave resource characterization. <i>Renewable Energy</i> , 2020, 152, 736-753.	4.3	34
6	Holistic marine energy resource assessments: A wave and offshore wind perspective of metocean conditions. <i>Renewable Energy</i> , 2021, 170, 286-301.	4.3	27
7	Characteristics and variability of the nearshore wave resource on the U.S. West Coast. <i>Energy</i> , 2020, 203, 117818.	4.5	26
8	Large runup controls on a gently sloping dissipative beach. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5998-6010.	1.0	21
9	Wave resource characterization at regional and nearshore scales for the U.S. Alaska coast based on a 32-year high-resolution hindcast. <i>Renewable Energy</i> , 2021, 170, 595-612.	4.3	19
10	Climate change impacts on wave and surge processes in a Pacific Northwest (<scp>USA</scp>) estuary. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 182-200.	1.0	17
11	Wave energy resources assessment for the multi-modal sea state of Hawaii. <i>Renewable Energy</i> , 2021, 174, 1036-1055.	4.3	17
12	Modeling analysis of the swell and wind-sea climate in the Salish Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 224, 289-300.	0.9	16
13	Analysis and catalogue of sneaker waves in the US Pacific Northwest between 2005 and 2017. <i>Natural Hazards</i> , 2018, 94, 583-603.	1.6	11
14	A Review of Modeling Approaches for Understanding and Monitoring the Environmental Effects of Marine Renewable Energy. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 94.	1.2	9
15	Influence of Time and Frequency Domain Wave Forcing on the Power Estimation of a Wave Energy Converter Array. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 171.	1.2	3
16	Evaluating the Potential for Tidal Phase Diversity to Produce Smoother Power Profiles. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 246.	1.2	2
17	Modeling Sea Ice Effects for Wave Energy Resource Assessments. <i>Energies</i> , 2021, 14, 3482.	1.6	2
18	Experimental Study of Wave Runup Variability on a Dissipative Beach. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	2

#	ARTICLE	IF	CITATIONS
19	The effects of changing climate on estuarine water levels: a United States Pacific Northwest case study. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 1601-1618.	1.5	1
20	Runups of Unusual Size: Rogueness and Variability of Swash. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015186.	1.0	1
21	NEARSHORE WAVE PREDICTIONS ALONG THE OREGON AND SOUTHWEST WASHINGTON COAST. <i>Coastal Engineering Proceedings</i> , 2012, 1, 52.	0.1	0