

Rafael Hernandez-Walls

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/36307/publications.pdf>

Version: 2024-02-01

14
papers

135
citations

1937685

4
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	1-D shallow water equation, with no viscosity and no rotation, for a topography represented by a quadratic function. <i>Journal of Physics Communications</i> , 2020, 4, 085005.	1.2	0
2	Simulation of fluid dynamics through complicated networks of channels with cellular automata. <i>European Journal of Physics</i> , 2018, 39, 065801.	0.6	1
3	Solving the linear inviscid shallow water equations in one dimension, with variable depth, using a recursion formula. <i>European Journal of Physics</i> , 2017, 38, 065802.	0.6	1
4	The Effects of Beach Morphology Variations on the Profile of Nearshore Currents on a Gently Sloping Mesotidal Beach. <i>Journal of Coastal Research</i> , 2016, 75, 457-461.	0.3	2
5	Fitting vertical chlorophyll profiles in the California Current using two Gaussian curves. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 416-424.	2.0	8
6	Semi-discrete numeric solution for the non-stationary heat equation using mimetic techniques. <i>European Journal of Physics</i> , 2014, 35, 065013.	0.6	1
7	Phytoplankton phenology and production around Iceland and Faroes. <i>Continental Shelf Research</i> , 2012, 37, 15-25.	1.8	40
8	Phytoplankton phenology on the Scotian Shelf. <i>ICES Journal of Marine Science</i> , 2011, 68, 781-791.	2.5	50
9	Dynamics of rocky shores: Cretaceous, Pliocene, Pleistocene, and Recent, Baja California peninsula, Mexico. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 1229-1235.	1.3	3
10	<title>Light scattering resonances in arbitrarily shaped one-dimensional reentrant surfaces</title>. , 2000, 4100, 33.		1
11	Light scattering by randomly rough isotropic dielectric surfaces. <i>Journal of Modern Optics</i> , 2000, 47, 1013-1024.	1.3	4
12	<title>Scattering by randomly rough two-dimensional dielectric surfaces</title>. , 1997, 3141, 164.		1
13	Drift Patterns Of Lagrangian Tracers In Todos Santos Bay. <i>Ciencias Marinas</i> , 1988, 14, 135-162.	0.4	20
14	Influence of Santa Ana winds on the surface circulation of Todos Santos Bay, Baja California, Mexico. , 0, , .		3