Rafael Hernandez-Walls

List of Publications by Year
in descending order

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