

# Zygmunt Kowalik

## List of Publications by Year in descending order

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11  
papers

791  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depthâ€integrated, nonâ€hydrostatic model for wave breaking and runâ€up. International Journal for Numerical Methods in Fluids, 2009, 61, 473-497.	1.6	238
2	Depthâ€integrated, nonâ€hydrostatic model with grid nesting for tsunami generation, propagation, and runâ€up. International Journal for Numerical Methods in Fluids, 2011, 67, 2081-2107.	1.6	163
3	A new highâ€resolution unstructured grid finite volume Arctic Ocean model (AOâ€FVCOM): An application for tidal studies. Journal of Geophysical Research, 2009, 114, .	3.3	70
4	Wave Dispersion Study in the Indian Ocean-Tsunami of December 26, 2004. Marine Geodesy, 2006, 29, 149-166.	2.0	58
5	Modeling of Topographically Amplified Diurnal Tides in the Nordic Seas. Journal of Physical Oceanography, 1994, 24, 1717-1731.	1.7	25
6	Diurnal tides over Kashevarov Bank, Okhotsk Sea. Journal of Geophysical Research, 1999, 104, 5361-5380.	3.3	19
7	Modeling of storm surges in the Bering Sea and Norton Sound. Journal of Geophysical Research, 1986, 91, 5119-5128.	3.3	17
8	Computation of tsunami amplitudes resulting from a predicted major earthquake in the Shumagin Seismic Gap. Geophysical Research Letters, 1984, 11, 1243-1246.	4.0	16
9	The M2Tide in the Beaufort and Chukchi Seas. Journal of Physical Oceanography, 1982, 12, 743-746.	1.7	15
10	Tidal motion enhancement around islands. Journal of Marine Research, 2002, 60, 551-581.	0.3	6
11	Discussion of â€Tsunami Hazardâ€by I.-Chen Lin and C. C. Tung (September 1986, Vol. 112, No. 9). Journal of Engineering Mechanics - ASCE, 1988, 114, 369-371.	2.9	0