Anca-Voichita Matioc

List of Publications by Year
in descending order

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22	416	949033 11	843174 20
papers	citations	h-index	g-index

22	22	22	119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Muskat problem with surface tension and equal viscosities in subcritical $$L_p$$-Sobolev spaces. Journal of Elliptic and Parabolic Equations, 2021, 7, 635-670.	0.4	2
2	Well-posedness and stability results for a quasilinear periodic Muskat problem. Journal of Differential Equations, 2019, 266, 5500-5531.	1.1	6
3	On the particle motion in geophysical deep water waves traveling over uniform currents. Quarterly of Applied Mathematics, 2014, 72, 455-469.	0.5	7
4	On the symmetry of steady equatorial wind waves. Nonlinear Analysis: Real World Applications, 2014, 18, 50-56.	0.9	15
5	On the existence of equatorial wind waves. Nonlinear Analysis: Theory, Methods & Applications, 2014, 101, 113-123.	0.6	22
6	Small-amplitude equatorial water waves with constant vorticity: Dispersion relations and particle trajectories. Discrete and Continuous Dynamical Systems, 2014, 34, 3045-3060.	0.5	18
7	Thin-film approximations of the two-phase Stokes problem. Nonlinear Analysis: Theory, Methods & Applications, 2013, 76, 1-13.	0.6	9
8	Exact geophysical waves in stratified fluids. Applicable Analysis, 2013, 92, 2254-2261.	0.6	48
9	Analysis of a two-phase model describing the growth of solid tumors. European Journal of Applied Mathematics, 2013, 24, 25-48.	1.4	12
10	A generalized Rayleighâ€“Taylor condition for the Muskat problem. Nonlinearity, 2012, 25, 73-92.	0.6	30
11	On Periodic Water Waves with Coriolis Effects and Isobaric Streamlines. Journal of Nonlinear Mathematical Physics, 2012, 19, 89.	0.8	6
12	Steady Internal Water Waves with a Critical Layer Bounded by the Wave Surface. Journal of Nonlinear Mathematical Physics, 2012, 19, 98.	0.8	8
13	An Explicit Solution for Deep Water Waves With Coriolis Effects. Journal of Nonlinear Mathematical Physics, 2012, 19, 43.	0.8	5
14	An exact solution for geophysical equatorial edge waves over a sloping beach. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 365501.	0.7	75
15	Modelling and Analysis of the Muskat Problem for Thin Fluid Layers. Journal of Mathematical Fluid Mechanics, 2012, 14, 267-277.	0.4	24
16	On particle trajectories in linear deep-water waves. Communications on Pure and Applied Analysis, 2012, 11, 1537-1547.	0.4	10
17	On stratified steady periodic water waves with linear density distribution and stagnation points. Journal of Differential Equations, 2011, 251, 2932-2949.	1.1	46
18	Bifurcation analysis for a free boundary problem modeling tumor growth. Archiv Der Mathematik, 2011, 97, 79-90.	0.3	19

#	Article	IF	Citations
19	Analysis of a Mathematical Model Describing Necrotic Tumor Growth. Lecture Notes in Applied and Computational Mechanics, 2011, , 237-250.	2.0	5
20	Well-posedness and stability analysis for a moving boundary problem modelling the growth of nonnecrotic tumors. Discrete and Continuous Dynamical Systems - Series B, 2011, 15, 573-596.	0.5	8
21	Radially symmetric growth of nonnecrotic tumors. Nonlinear Differential Equations and Applications, 2010, 17, 1-20.	0.4	19
22	On particle trajectories in linear water waves. Nonlinear Analysis: Real World Applications, 2010, 11, 4275-4284.	0.9	22