Eugene N Kalaidin

List of Publications by Year
in descending order

21	193	1684188 5	1058476 14
papers	citations	h-index	g-index

21	21	21	97
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrodynamics, electroosmosis, and electrokinetic instability in imperfect electric membranes. Doklady Physics, 2017, 62, 222-227.	0.7	2
2	Bifurcation resulting in self-focusing of the electric field near the poles of a conducting microgranule. Doklady Physics, 2016, 61, 266-269.	0.7	0
3	Electroosmotic flow of ultrathin liquid films and their stability. Doklady Physics, 2016, 61, 29-31.	0.7	0
4	One type of hydrodynamic instability in joule heating of a fluid near an ion-selective surface. Doklady Physics, 2016, 61, 275-278.	0.7	2
5	Numerical study of the motion of a microparticle with an ion-selective surface in an electric field. Doklady Physics, 2015, 60, 559-563.	0.7	0
6	Asymptotic solution of the Nernst-Planck-Poisson-Stokes set near a surface with selective properties. Doklady Physics, 2012, 57, 321-326.	0.7	3
7	Self-similar solutions in ion-exchange membranes and their stability. Doklady Physics, 2010, 55, 502-506.	0.7	11
8	On the theory of three-dimensional multihump solitons in active-dissipative media. Fluid Dynamics, 2009, 44, 328-332.	0.9	0
9	On the theory of electrophoresis of the second kind. Doklady Physics, 2009, 54, 210-214.	0.7	7
10	Experimental investigation of lambda-solitons in a draining viscous fluid film. Doklady Physics, 2009, 54, 378-380.	0.7	0
11	Three-dimensional non-stationary processes in a vertically falling film of a viscous liquid. Thermophysics and Aeromechanics, 2008, 15, 393-400.	0.5	1
12	Stability of three-dimensional solitons in liquid films vertically flowing down. Doklady Physics, 2007, 52, 156-160.	0.7	1
13	Disappearance of the regime of two-dimensional solitons in a freely flowing liquid film. Doklady Physics, 2007, 52, 630-634.	0.7	0
14	Three-dimensional solitons in a falling liquid film. Doklady Physics, 2006, 51, 37-39.	0.7	4
15	Spectral properties of nonlinear solitary waves on the surface of thin liquid films. Doklady Physics, 2006, 51, 276-278.	0.7	1
16	Optimum regimes of mass transfer in fluid films. Doklady Physics, 2005, 50, 115-117.	0.7	2
17	On the theory of roll waves in inclined channels. Doklady Physics, 2005, 50, 220-222.	0.7	4
18	Stability of two-dimensional solitons and the 2Dâ€“3D transition in a viscous liquid film falling down on a vertical wall. Doklady Physics, 2005, 50, 668-670.	0.7	3

#	Article	IF	Citations
19	Simulation of noise-driven wave dynamics on a falling film. AICHE Journal, 1996, 42, 1553-1568.	3.6	54
20	Coarsening dynamics of falling-film solitary waves. Physical Review E, 1996, 54, 1467-1477.	2.1	27
21	Interaction dynamics of solitary waves on a falling film. Journal of Fluid Mechanics, 1995, 294, 123-154.	3.4	71