ZajÄczkowski Wojciech

List of Publications by Year
in descending order

27	338	1478505 6	839539 18
papers	citations	h-index	g-index

27	27	27	110
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Navier-stokes equations for compressible fluids: Global existence and qualitative properties of the solutions in the general case. Communications in Mathematical Physics, 1986, 103, 259-296.	2.2	230
2	On a Lp-estimate for the linearized compressible Navierâ€“Stokes equations with the Dirichlet boundary conditions. Journal of Differential Equations, 2002, 186, 377-393.	2.2	23
3	Measure-valued Solutions of the Euler Equations for Ideal Compressible Polytropic Fluids. Mathematical Methods in the Applied Sciences, 1996, 19, 235-252.	2.3	19
4	Global existence to a three-dimensional non-linear thermoelasticity system arising in shape memory materials. Mathematical Methods in the Applied Sciences, 2005, 28, 407-442.	2.3	13
5	Stability of two-dimensional Navierâ€“Stokes motions in the periodic case. Journal of Mathematical Analysis and Applications, 2015, 423, 956-974.	1.0	8
6	Nonstationary Stokes System in Cylindrical Domains Under Boundary Slip Conditions. Journal of Mathematical Fluid Mechanics, 2017, 19, 1-16.	1.0	7
7	Unique global solvability in two-dimensional non-linear thermoelasticity. Mathematical Methods in the Applied Sciences, 2005, 28, 551-592.	2.3	6
8	Classical solvability of 1-D Cahnâ€“Hilliard equation coupled with elasticity. Mathematical Methods in the Applied Sciences, 2006, 29, 853-876.	2.3	5
9	Global regular solutions to Cahnâ€“Hilliard system coupled with viscoelasticity. Mathematical Methods in the Applied Sciences, 2009, 32, 2197-2242.	2.3	4
10	Nonstationary Stokes system in Besov spaces. Mathematical Methods in the Applied Sciences, 2014, 37, 360-383.	2.3	4
11	On Stability of Solutions to Equations Describing Incompressible Heat-Conducting Motions Under Navierâ€™s Boundary Conditions. Acta Applicandae Mathematicae, 2017, 152, 147-170.	1.0	3
12	On Some Regularity Criteria for Axisymmetric Navierâ€“Stokes Equations. Journal of Mathematical Fluid Mechanics, 2019, 21, 1.	1.0	3
13	Nonstationary flow for the Navierâ€“Stokes equations in a cylindrical pipe. Mathematical Methods in the Applied Sciences, 2012, 35, 1434-1455.	2.3	2
14	Nonstationary Stokes system in Sobolevâ€“Slobodetski spaces. Mathematische Annalen, 2013, 356, 555-587.	1.4	2
15	Nonstationary Stokes system in anisotropic Sobolev spaces. Mathematical Methods in the Applied Sciences, 2015, 38, 2466-2478.	2.3	2
16	Stability of twoâ€dimensional magnetohydrodynamic motions in the periodic case. Mathematical Methods in the Applied Sciences, 2016, 39, 44-61.	2.3	2
17	Nonstationary Stokes system in weighted Sobolev spaces. Mathematical Methods in the Applied Sciences, 2011, 34, 544-562.	2.3	1
18	On global regular solutions to magnetohydrodynamics in axi-symmetric domains. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1.	1.4	1

#	Article	IF	Citations
19	Large Time Existence of Special Strong Solutions to MHD Equations in Cylindrical Domains. Journal of Mathematical Fluid Mechanics, 2018, 20, 1013-1034.	1.0	1
20	Global regular motions for compressible barotropic viscous fluids: Stability. Mathematical Methods in the Applied Sciences, 2018, 41, 5869-5905.	2.3	1
21	Existence of global weak solutions to 3D incompressible heatâ€conducting motions with large flux. Mathematical Methods in the Applied Sciences, 2021, 44, 6259-6281.	2.3	1
22	The Helmholtz-Weyl decomposition in weighted Sobolev spaces. Mathematical Methods in the Applied Sciences, 2011, 34, 191-197.	2.3	0
23	On some global solutions to 3d incompressible heat-conducting motions. Annales Polonici Mathematici, 2017, 119, 79-94.	0.5	0
24	On global regular solutions to the mhd equations in a smooth toroidal domain. Applicationes Mathematicae, 2017, 44, 163-183.	0.1	0
25	On the Faedo-Galerkin method for a free boundary problem for incompressible viscous magnetohydrodynamics. Topological Methods in Nonlinear Analysis, 0, , 1.	0.2	0
26	Three-dimensional thermo-visco-elasticity with the Einstein-Debye $(heta^3+heta)$-law for the specific heat. Global regular solvability. Topological Methods in Nonlinear Analysis, 0, , 1.	0.2	0
27	On the eigenvalues and eigenfunctions for a free boundary problem for incompressible viscous magnetohydrodynamics. Applicationes Mathematicae, 2020, 47, 99-131.	0.1	0