Hermenegildo Borges de Oliveira

List of Publications by Year
in descending order

29 papers	223 citations	1163117 8 h-index	1125743 13 g-index
30 all docs	30 docs citations	30 times ranked	46 citing authors

#	Article	IF	Citations
1	Kelvin-Voigt equations for incompressible and nonhomogeneous fluids with anisotropic viscosity, relaxation and damping. Nonlinear Differential Equations and Applications, 2022, 29, .	0.8	2
2	Kelvinâ€"Voigt equations with anisotropic diffusion, relaxation and damping: Blow-upÂand large time behavior. Asymptotic Analysis, 2021, 121, 125-157.	0.5	7
3	The classical Kelvinâ€"Voigt problem for incompressible fluids with unknown non-constant density: existence, uniqueness and regularity. Nonlinearity, 2021, 34, 3083-3111.	1.4	15
4	Continuous/discontinuous Galerkin approximations for a fourth-order nonlinear problem. Computers and Mathematics With Applications, 2021, 97, 122-152.	2.7	0
5	Regularity and uniqueness of Kelvin-Voigt models for nonhomogeneous and incompressible fluids. Journal of Physics: Conference Series, 2020, 1666, 012003.	0.4	3
6	Existence and large time behavior for generalized Kelvin-Voigt equations governing nonhomogeneous and incompressible fluids. Journal of Physics: Conference Series, 2019, 1268, 012008.	0.4	10
7	Partial regularity of the solutions to a turbulent problem in porous media. Proceedings of the American Mathematical Society, 2019, 147, 3961-3981.	0.8	1
8	Generalized Navierâ€"Stokes equations with nonlinear anisotropic viscosity. Analysis and Applications, 2019, 17, 977-1003.	2.2	3
9	Some results on the p(u)-Laplacian problem. Mathematische Annalen, 2019, 375, 283-306.	1.4	13
10	Kelvinâ€"Voigt equations perturbed by anisotropic relaxation, diffusion and damping. Journal of Mathematical Analysis and Applications, 2019, 473, 1122-1154.	1.0	17
11	Generalized Kelvin-Voigt equations for nonhomogeneous and incompressible fluids. Communications in Mathematical Sciences, 2019, 17, 1915-1948.	1.0	17
12	Map production and data analysis with local parameters. 4open, 2019, 2, 27.	0.4	0
13	A Stationary One-Equation Turbulent Model with Applications in Porous Media. Journal of Mathematical Fluid Mechanics, 2018, 20, 263-287.	1.0	5
14	A Note on the Existence for a Model of Turbulent Flows Through Porous Media. Springer Proceedings in Mathematics and Statistics, 2018, , 21-38.	0.2	1
15	Existence for a one-equation turbulent model with strong nonlinearities. Journal of Elliptic and Parabolic Equations, 2017, 3, 65-91.	0.9	3
16	Parabolic reaction-diffusion systems with nonlocal coupled diffusivity terms. Discrete and Continuous Dynamical Systems, 2017, 37, 2431-2453.	0.9	9
17	Evolution problems of Navierâ€"Stokes type with anisotropic diffusion. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2016, 110, 729-754.	1.2	5
18	On a One-Equation Turbulent Model with Feedbacks. Springer Proceedings in Mathematics and Statistics, 2016, , 51-61.	0.2	4

#	Article	IF	Citations
19	Anisotropically diffused and damped Navier-Stokes equations. , 2015, , .		0
20	Asymptotic behavior of trembling fluids. Nonlinear Analysis: Real World Applications, 2014, 19, 54-66.	1.7	6
21	On a Stochastic Coupled System of Reaction-Diffusion of Nonlocal Type. Springer Proceedings in Mathematics and Statistics, 2014, , 301-320.	0.2	1
22	Existence of weak solutions for the generalized Navierâ€“Stokes equations with damping. Nonlinear Differential Equations and Applications, 2013, 20, 797-824.	0.8	10
23	The Oberbeckâ€“Boussinesq problem modified by a thermo-absorption term. Journal of Mathematical Analysis and Applications, 2011, 379, 802-817.	1.0	5
24	The Navierâ€“Stokes problem modified by an absorption term. Applicable Analysis, 2010, 89, 1805-1825.	1.3	41
25	On the Influence of an Absorption Term in Incompressible Fluid Flows. , 2010, , 409-424.		4
26	Finite Time Localized Solutions of Fluid Problems with Anisotropic Dissipation. International Series of Numerical Mathematics, 2006, , 23-32.	1.1	5
27	Stopping a Viscous Fluid by a Feedback Dissipative Field: Thermal Effects without Phase Changing. Progress in Nonlinear Differential Equations and Their Application, 2005, , 1-14.	0.9	5
28	Stopping a Viscous Fluid by a Feedback Dissipative Field: I. The Stationary Stokes Problem. Journal of Mathematical Fluid Mechanics, 2004, 6, 439-461.	1.0	18
29	On the confinement of a viscous fluid by means of a feedback external field. Comptes Rendus - Mecanique, 2002, 330, 797-802.	2.1	7