

# Hermenegildo Borges de Oliveira

## List of Publications by Year in descending order

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29  
papers

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citations

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h-index

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30  
docs citations

30  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Navier-Stokes problem modified by an absorption term. <i>Applicable Analysis</i> , 2010, 89, 1805-1825.	1.3	41
2	Stopping a Viscous Fluid by a Feedback Dissipative Field: I. The Stationary Stokes Problem. <i>Journal of Mathematical Fluid Mechanics</i> , 2004, 6, 439-461.	1.0	18
3	Kelvin-Voigt equations perturbed by anisotropic relaxation, diffusion and damping. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 473, 1122-1154.	1.0	17
4	Generalized Kelvin-Voigt equations for nonhomogeneous and incompressible fluids. <i>Communications in Mathematical Sciences</i> , 2019, 17, 1915-1948.	1.0	17
5	The classical Kelvin-Voigt problem for incompressible fluids with unknown non-constant density: existence, uniqueness and regularity. <i>Nonlinearity</i> , 2021, 34, 3083-3111.	1.4	15
6	Some results on the $p(u)$ -Laplacian problem. <i>Mathematische Annalen</i> , 2019, 375, 283-306.	1.4	13
7	Existence of weak solutions for the generalized Navier-Stokes equations with damping. <i>Nonlinear Differential Equations and Applications</i> , 2013, 20, 797-824.	0.8	10
8	Existence and large time behavior for generalized Kelvin-Voigt equations governing nonhomogeneous and incompressible fluids. <i>Journal of Physics: Conference Series</i> , 2019, 1268, 012008.	0.4	10
9	Parabolic reaction-diffusion systems with nonlocal coupled diffusivity terms. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 2431-2453.	0.9	9
10	On the confinement of a viscous fluid by means of a feedback external field. <i>Comptes Rendus - Mecanique</i> , 2002, 330, 797-802.	2.1	7
11	Kelvin-Voigt equations with anisotropic diffusion, relaxation and damping: Blow-up and large time behavior. <i>Asymptotic Analysis</i> , 2021, 121, 125-157.	0.5	7
12	Asymptotic behavior of trembling fluids. <i>Nonlinear Analysis: Real World Applications</i> , 2014, 19, 54-66.	1.7	6
13	Stopping a Viscous Fluid by a Feedback Dissipative Field: Thermal Effects without Phase Changing. <i>Progress in Nonlinear Differential Equations and Their Application</i> , 2005, , 1-14.	0.9	5
14	The Oberbeck-Boussinesq problem modified by a thermo-absorption term. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 379, 802-817.	1.0	5
15	Evolution problems of Navier-Stokes type with anisotropic diffusion. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2016, 110, 729-754.	1.2	5
16	A Stationary One-Equation Turbulent Model with Applications in Porous Media. <i>Journal of Mathematical Fluid Mechanics</i> , 2018, 20, 263-287.	1.0	5
17	Finite Time Localized Solutions of Fluid Problems with Anisotropic Dissipation. <i>International Series of Numerical Mathematics</i> , 2006, , 23-32.	1.1	5
18	On a One-Equation Turbulent Model with Feedbacks. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016, , 51-61.	0.2	4

#	ARTICLE	IF	CITATIONS
19	On the Influence of an Absorption Term in Incompressible Fluid Flows. , 2010, , 409-424.		4
20	Existence for a one-equation turbulent model with strong nonlinearities. Journal of Elliptic and Parabolic Equations, 2017, 3, 65-91.	0.9	3
21	Generalized Navier-Stokes equations with nonlinear anisotropic viscosity. Analysis and Applications, 2019, 17, 977-1003.	2.2	3
22	Regularity and uniqueness of Kelvin-Voigt models for nonhomogeneous and incompressible fluids. Journal of Physics: Conference Series, 2020, 1666, 012003.	0.4	3
23	Kelvin-Voigt equations for incompressible and nonhomogeneous fluids with anisotropic viscosity, relaxation and damping. Nonlinear Differential Equations and Applications, 2022, 29, .	0.8	2
24	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
25	On a Stochastic Coupled System of Reaction-Diffusion of Nonlocal Type. Springer Proceedings in Mathematics and Statistics, 2014, , 301-320.	0.2	1
26	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
27	Continuous/discontinuous Galerkin approximations for a fourth-order nonlinear problem. Computers and Mathematics With Applications, 2021, 97, 122-152.	2.7	0
28	Anisotropically diffused and damped Navier-Stokes equations. , 2015, , .		0
29	Map production and data analysis with local parameters. 4open, 2019, 2, 27.	0.4	0