

Gastão Silves Ferreira Frederico

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

825
citations

758635

12
h-index

713013

21
g-index

24
all docs

24
docs citations

24
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	A formulation of Noether's theorem for fractional problems of the calculus of variations. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 334, 834-846.	0.5	225
2	Fractional conservation laws in optimal control theory. <i>Nonlinear Dynamics</i> , 2008, 53, 215-222.	2.7	201
3	Fractional Noether's theorem in the Riesz-Caputo sense. <i>Applied Mathematics and Computation</i> , 2010, 217, 1023-1033.	1.4	121
4	Constants of motion for non-differentiable quantum variational problems. <i>Topological Methods in Nonlinear Analysis</i> , 2009, 33, 217.	0.2	37
5	Noether's symmetry Theorem for variational and optimal control problems with time delay. <i>Numerical Algebra, Control and Optimization</i> , 2012, 2, 619-630.	1.0	34
6	Fractional Noether's theorem with classical and Caputo derivatives: constants of motion for non-conservative systems. <i>Nonlinear Dynamics</i> , 2016, 85, 839-851.	2.7	30
7	Action principle for action-dependent Lagrangians toward nonconservative gravity: Accelerating universe without dark energy. <i>Physical Review D</i> , 2017, 95, .	1.6	27
8	Ψ -Hilfer pseudo-fractional operator: new results about fractional calculus. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	1.0	25
9	Noether's theorem for non-smooth extremals of variational problems with time delay. <i>Applicable Analysis</i> , 2014, 93, 153-170.	0.6	21
10	An action principle for action-dependent Lagrangians: Toward an action principle to non-conservative systems. <i>Journal of Mathematical Physics</i> , 2018, 59, .	0.5	20
11	Fractional Isoperimetric Noether's Theorem in the Riemann-Liouville Sense. <i>Reports on Mathematical Physics</i> , 2013, 71, 291-304.	0.4	14
12	Reachability of fractional dynamical systems using Ψ -Hilfer pseudo-fractional derivative. <i>Journal of Mathematical Physics</i> , 2021, 62, .	0.5	14
13	Cosmology from a new nonconservative gravity. <i>International Journal of Modern Physics D</i> , 2018, 27, 1841006.	0.9	13
14	Noether theorem for action-dependent Lagrangian functions: conservation laws for non-conservative systems. <i>Nonlinear Dynamics</i> , 2019, 97, 1125-1136.	2.7	12
15	Conservation laws for invariant functionals containing compositions Ψ . <i>Applicable Analysis</i> , 2007, 86, 1117-1126.	0.6	11
16	Fractional Noether's theorem with classical and Riemann-Liouville derivatives. , 2012, , .		4
17	On controllability for a class of multi-term time-fractional random differential equations with state-dependent delay. <i>Annals of Functional Analysis</i> , 2022, 13, 1.	0.3	4
18	Noether-type theorem for fractional variational problems depending on fractional derivatives of functions. <i>Applicable Analysis</i> , 2021, 100, 1727-1743.	0.6	3

#	ARTICLE	IF	CITATIONS
19	Pseudo-fractional differential equations and generalized g-Laplace transform. Journal of Pseudo-Differential Operators and Applications, 2021, 12, 44.	0.3	3
20	On a Caputo-type fractional derivative respect to another function using a generator by pseudo-operations. Journal of Pseudo-Differential Operators and Applications, 2021, 12, 1.	0.3	3
21	Composition functionals in higher order calculus of variations and Noether's theorem. Applicable Analysis, 2022, 101, 6321-6338.	0.6	1
22	Calculus of variations and optimal control for generalized functions. Nonlinear Analysis: Theory, Methods & Applications, 2022, 216, 112718.	0.6	1
23	Pseudo-fractional operators of variable order and applications. Soft Computing, 0, , 1.	2.1	1
24	Existence and uniqueness of global solution for a Cauchy problem and g-variational calculus. Computational and Applied Mathematics, 2021, 40, 1.	1.0	0