

Jose Vanterler Costa Sousa

List of Publications by Year in descending order

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40
papers

1,403
citations

471509

17
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361022

35
g-index

40
all docs

40
docs citations

40
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Stability of a Hyperbolic Fractional Partial Differential Equation. <i>Differential Equations and Dynamical Systems</i> , 2023, 31, 31-52.	1.0	20
2	The Nehari manifold for a $\hat{\mathcal{I}}^{\alpha}$ -Hilfer fractional \mathcal{L}^p -Laplacian. <i>Applicable Analysis</i> , 2022, 101, 5076-5106.	1.3	22
3	Composition functionals in higher order calculus of variations and Noether's theorem. <i>Applicable Analysis</i> , 2022, 101, 6321-6338.	1.3	1
4	Existence and uniqueness of mild solutions for quasi-linear fractional integro-differential equations. <i>Evolution Equations and Control Theory</i> , 2022, 11, 1.	1.3	3
5	Stability of mild solutions of the fractional nonlinear abstract Cauchy problem. <i>Electronic Research Archive</i> , 2022, 30, 272-288.	0.9	5
6	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.	0.8	4
7	Nehari Manifold for Weighted Singular Fractional p -Laplace Equations. <i>Bulletin of the Brazilian Mathematical Society</i> , 2022, 53, 1245-1275.	0.8	11
8	Existence of mild solutions to Hilfer fractional evolution equations in Banach space. <i>Annals of Functional Analysis</i> , 2021, 12, 1.	0.8	30
9	A VARIATIONAL APPROACH FOR A PROBLEM INVOLVING A $\hat{\mathcal{I}}^{\alpha}$ -HILFER FRACTIONAL OPERATOR. <i>Journal of Applied Analysis and Computation</i> , 2021, 11, 1610-1630.	0.5	9
10	A new approach to the validation of an ESR fractional model. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	3
11	Nehari manifold and bifurcation for a $\hat{\mathcal{I}}^{\alpha}$ -Hilfer fractional \mathcal{L}^p -Laplacian. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 9616-9628.	2.3	15
12	Existence and Regularity of Weak Solutions for ψ -Hilfer Fractional Boundary Value Problem. <i>Mediterranean Journal of Mathematics</i> , 2021, 18, 1.	0.8	12
13	Pseudo-fractional differential equations and generalized g -Laplace transform. <i>Journal of Pseudo-Differential Operators and Applications</i> , 2021, 12, 44.	0.7	3
14	Reachability of fractional dynamical systems using $\hat{\mathcal{I}}^{\alpha}$ -Hilfer pseudo-fractional derivative. <i>Journal of Mathematical Physics</i> , 2021, 62, .	1.1	14
15	Existence and uniqueness of global solution for a Cauchy problem and g -variational calculus. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	0
16	Faedo-Galerkin approximation of mild solutions of fractional functional differential equations. <i>Nonautonomous Dynamical Systems</i> , 2021, 8, 1-17.	0.7	4
17	Ulam-Hyers type stability for ψ -Hilfer fractional differential equations with impulses and delay. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	5
18	The ψ -Hilfer fractional calculus of variable order and its applications. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	19

#	ARTICLE	IF	CITATIONS
19	Analysis of Volterra integrodifferential equations with nonlocal and boundary conditions via Picard operator. Computational and Applied Mathematics, 2020, 39, 1.	2.2	0
20	Ψ -Hilfer pseudo-fractional operator: new results about fractional calculus. Computational and Applied Mathematics, 2020, 39, 1.	2.2	25
21	Attractivity for Differential Equations of Fractional order and $\tilde{\Psi}$ -Hilfer Type. Fractional Calculus and Applied Analysis, 2020, 23, 1188-1207.	2.2	18
22	Ulam-Hyers stabilities of fractional functional differential equations. AIMS Mathematics, 2020, 5, 1346-1358.	1.6	23
23	ON THE NONLINEAR IMPULSIVE $\tilde{\Psi}$ -HILFER FRACTIONAL DIFFERENTIAL EQUATIONS. Mathematical Modelling and Analysis, 2020, 25, 642-660.	1.5	15
24	Stability of $\tilde{\Psi}$ -Hilfer impulsive fractional differential equations. Applied Mathematics Letters, 2019, 88, 73-80.	2.7	95
25	Fractional Order Pseudoparabolic Partial Differential Equation: Ulam-Hyers Stability. Bulletin of the Brazilian Mathematical Society, 2019, 50, 481-496.	0.8	24
26	On the Ψ -fractional integral and applications. Computational and Applied Mathematics, 2019, 38, 1.	2.2	26
27	Leibniz type rule: $\tilde{\Psi}$ -Hilfer fractional operator. Communications in Nonlinear Science and Numerical Simulation, 2019, 77, 305-311.	3.3	103
28	On the nonlinear $\vec{\Psi}$ -Hilfer fractional differential equations. Computational and Applied Mathematics, 2019, 38, 1.	2.2	38
29	On the Fractional Functional Differential Equation with Abstract Volterra Operator. Bulletin of the Brazilian Mathematical Society, 2019, 50, 803-822.	0.8	11
30	Grass-Type Inequalities by Means of Generalized Fractional Integrals. Bulletin of the Brazilian Mathematical Society, 2019, 50, 1029-1047.	0.8	11
31	On the $\tilde{\Psi}$ -Hilfer fractional derivative. Communications in Nonlinear Science and Numerical Simulation, 2018, 60, 72-91.	3.3	475
32	Ulam-Hyers stability of a nonlinear fractional Volterra integro-differential equation. Applied Mathematics Letters, 2018, 81, 50-56.	2.7	108
33	Validation of a fractional model for erythrocyte sedimentation rate. Computational and Applied Mathematics, 2018, 37, 6903-6919.	1.3	26
34	Two new fractional derivatives of variable order with non-singular kernel and fractional differential equation. Computational and Applied Mathematics, 2018, 37, 5375-5394.	1.3	34
35	Ulam-Hyers-Rassias Stability for a Class of Fractional Integro-Differential Equations. Results in Mathematics, 2018, 73, 1.	0.8	80
36	On the Ulam-Hyers-Rassias stability for nonlinear fractional differential equations using the Ψ -Hilfer operator. Journal of Fixed Point Theory and Applications, 2018, 20, 1.	1.1	88

#	ARTICLE	IF	CITATIONS
37	Mittag-Leffler Functions and the Truncated \mathcal{V} -fractional Derivative. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	19
38	Existence, uniqueness and stability of fractional impulsive functional differential inclusions. Sao Paulo Journal of Mathematical Sciences, 0, , 1.	0.4	1
39	Properties of fractional operators with fixed memory length. Mathematical Methods in the Applied Sciences, 0, , .	2.3	2
40	Pseudo-fractional operators of variable order and applications. Soft Computing, 0, , 1.	3.6	1