

Sumati Kumari Panda

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

964
citations

516561

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454834

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all docs

39
docs citations

39
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Existence and controllability of nonlocal mixed Volterra-Fredholm type fractional delay integro-differential equations of order $1 < \alpha < 2$. Numerical Methods for Partial Differential Equations, 2024, 40, .		37
2	Results on approximate controllability of Sobolev type fractional stochastic evolution hemivariational inequalities. Numerical Methods for Partial Differential Equations, 2024, 40, .	2.0	16
3	An existence result involving both the generalized proportional Riemann-Liouville and Hadamard fractional integral equations through generalized Darbo's fixed point theorem. AIMS Mathematics, 2022, 7, 15484-15496.	0.7	1
4	Results on system of Atangana-Baleanu fractional order Willis aneurysm and nonlinear singularly perturbed boundary value problems. Chaos, Solitons and Fractals, 2021, 142, 110390.	2.5	58
5	Results on approximate controllability results for second-order Sobolev type impulsive neutral differential evolution inclusions with infinite delay. Numerical Methods for Partial Differential Equations, 2021, 37, 1200-1221.	2.0	55
6	Solving the system of nonlinear integral equations via rational contractions. AIMS Mathematics, 2021, 6, 3562-3582.	0.7	1
7	An existence result for an infinite system of implicit fractional integral equations via generalized Darbo's fixed point theorem. Computational and Applied Mathematics, 2021, 40, 1.	1.0	15
8	Results on controllability of non-densely characterized neutral fractional delay differential system. Evolution Equations and Control Theory, 2021, 10, 619.	0.7	44
9	New insights on novel coronavirus 2019-nCoV/SARS-CoV-2 modelling in the aspect of fractional derivatives and fixed points. Mathematical Biosciences and Engineering, 2021, 18, 8683-8726.	1.0	15
10	Correction: New insights on novel coronavirus 2019-nCoV/SARS-CoV-2 modelling in the aspect of fractional derivatives and fixed points. Mathematical Biosciences and Engineering, 2021, 19, 1588-1590.	1.0	0
11	A complex valued approach to the solutions of Riemann-Liouville integral, Atangana-Baleanu integral operator and non-linear Telegraph equation via fixed point method. Chaos, Solitons and Fractals, 2020, 130, 109439.	2.5	73
12	Some Valid Generalizations of Boyd and Wong Inequality and $\tilde{\alpha}$ -Weak Contraction in Partially Ordered \tilde{b} -Metric Spaces. International Journal of Mathematics and Mathematical Sciences, 2020, 2020, 1-13.	0.3	3
13	Applying fixed point methods and fractional operators in the modelling of novel coronavirus 2019-nCoV/SARS-CoV-2. Results in Physics, 2020, 19, 103433.	2.0	30
14	Examining the correlation between the weather conditions and COVID-19 pandemic in India: A mathematical evidence. Results in Physics, 2020, 19, 103587.	2.0	18
15	A numerical scheme and comparisons for fixed point results with applications to the solutions of Volterra integral equations in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si47.svg"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle i \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle l \langle \text{mml:mj} \rangle \langle \text{mml:mi} \rangle o \langle \text{mml:mj} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle$ AEJ - Alexandria Engineering Journal. 2020, 59, 815-827.	3.4	44
16	On new approach of fractional derivative by Mittag-Leffler kernel to neutral integro-differential systems with impulsive conditions. Chaos, Solitons and Fractals, 2020, 139, 110012.	2.5	73
17	Novel fixed point approach to Atangana-Baleanu fractional and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si20.svg"} \rangle \langle \text{mml:mrow} \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle L \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle$ New numerical scheme for solving integral equations via fixed point method using distinct $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle$ stretchy="false" $\langle \text{mml:mi} \rangle i \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ Tj ET Qq 0 0 r g BT / Overlock 10 Tf 50 62 Td (linebreak="badbreak") $\langle \text{mml:mi} \rangle$	3.4	64
18	Journal, 2020, 59, 2015-2026.		21

#	ARTICLE	IF	CITATIONS
19	Solutions of boundary value problems on extended-Branciari b-distance. Journal of Inequalities and Applications, 2020, 2020, .	0.5	38
20	Solutions of the Nonlinear Integral Equation and Fractional Differential Equation Using the Technique of a Fixed Point with a Numerical Experiment in Extended b-Metric Space. Symmetry, 2019, 11, 686.	1.1	141
21	A New Approach to the Solution of Non-Linear Integral Equations via Various FBe-Contractions. Symmetry, 2019, 11, 206.	1.1	21
22	Sehgal Type Contractions on Dislocated Spaces. Mathematics, 2019, 7, 153.	1.1	15
23	Some Fixed-Point Theorems in b-Dislocated Metric Space and Applications. Symmetry, 2018, 10, 691.	1.1	15
24	A New Approach to the Solution of the Fredholm Integral Equation via a Fixed Point on Extended b-Metric Spaces. Symmetry, 2018, 10, 512.	1.1	26
25	Unification of the Fixed Point in Integral Type Metric Spaces. Symmetry, 2018, 10, 732.	1.1	4
26	Convergence axioms on generalized metric spaces. Afrika Matematika, 2017, 28, 35-43.	0.4	0
27	Metriziation theorem for a weaker class of uniformities. Afrika Matematika, 2016, 27, 667-672.	0.4	12
28	Cyclic compatible contraction and related fixed point theorems. Fixed Point Theory and Applications, 2016, 2016, .	1.1	15
29	Common coupled fixed point theorems satisfying rational type contractive conditions in b-metric spaces. SpringerPlus, 2016, 5, 257.	1.2	0
30	Some fixed point theorems in generating space of b-quasi-metric family. SpringerPlus, 2016, 5, 268.	1.2	4
31	Connecting various types of cyclic contractions and contractive self-mappings with Hardy-Rogers self-mappings. Fixed Point Theory and Applications, 2016, 2016, .	1.1	19
32	d-Neighborhood system and generalized F-contraction in dislocated metric space. SpringerPlus, 2015, 4, 368.	1.2	18
33	Cyclic contractions and fixed point theorems on various generating spaces. Fixed Point Theory and Applications, 2015, 2015, .	1.1	16
34	Completion of a Dislocated Metric Space. Abstract and Applied Analysis, 2015, 2015, 1-5.	0.3	6
35	Fixed Point Theorems and Generalizations of Dislocated Metric Spaces. Indian Journal of Science and Technology, 2015, 8, 154.	0.5	8
36	Convergence Axioms on Dislocated Symmetric Spaces. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.3	14

#	ARTICLE	IF	CITATIONS
37	Fixed Point Theorems for Occasionally Weakly Compatible Mappings in Dislocated-Metric Spaces. Turkish Journal of Analysis and Number Theory, 2014, 2, 37-41.	0.1	4
38	On Quasisymmetric Space. Indian Journal of Science and Technology, 2014, 7, 1583-1587.	0.5	10
39	On Dislocated Quasi Metrics. Journal of Advanced Studies in Topology, 2011, 3, 66.	0.4	10