

# Sumati Kumari Panda

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

964  
citations

516561

16  
h-index

454834

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Novel fixed point approach to Atangana-Baleanu fractional and $L^p$ integral equations. AEJ - Alexandria Engineering Journal, 2020, 59, 1959-1970.	3.4	64
5	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
6	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
7	Volterra integral equations in $D^{\alpha}$ type impulsive neutral differential evolution inclusions with infinite delay. Numerical Methods for Partial Differential Equations, 2021, 37, 1200-1221.	3.4	44
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	Solutions of boundary value problems on extended-Branciari b-distance. Journal of Inequalities and Applications, 2020, 2020, .	0.5	38
10	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, .	2.0	37
11	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
12	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
13	A New Approach to the Solution of Non-Linear Integral Equations via Various FBe-Contractions. Symmetry, 2019, 11, 206.	1.1	21
14	New numerical scheme for solving integral equations via fixed point method using distinct $T_j$ $E T Q_0 0 0 r g B T / O v e r l o c k 1 0 T f 5 0 2 2 2 T d$ (linebreak="badbreak")></td> <td>3.4</td> <td>21</td>	3.4	21
15	Journal, 2020, 59, 2015-2026. 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
16	d-Neighborhood system and generalized F-contraction in dislocated metric space. SpringerPlus, 2015, 4, 368.	1.2	18
17	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
18	Cyclic contractions and fixed point theorems on various generating spaces. Fixed Point Theory and Applications, 2015, 2015, .	1.1	16

#	ARTICLE	IF	CITATIONS
19	Results on approximate controllability of Sobolev type fractional stochastic evolution hemivariational inequalities. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	16
20	Cyclic compatible contraction and related fixed point theorems. <i>Fixed Point Theory and Applications</i> , 2016, 2016, .	1.1	15
21	Some Fixed-Point Theorems in b-Dislocated Metric Space and Applications. <i>Symmetry</i> , 2018, 10, 691.	1.1	15
22	Sehgal Type Contractions on Dislocated Spaces. <i>Mathematics</i> , 2019, 7, 153.	1.1	15
23	An existence result for an infinite system of implicit fractional integral equations via generalized Darbo's fixed point theorem. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	1.0	15
24	New insights on novel coronavirus 2019-nCoV/SARS-CoV-2 modelling in the aspect of fractional derivatives and fixed points. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 8683-8726.	1.0	15
25	Convergence Axioms on Dislocated Symmetric Spaces. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.3	14
26	Metriization theorem for a weaker class of uniformities. <i>Afrika Matematika</i> , 2016, 27, 667-672.	0.4	12
27	On Quasisymmetric Space. <i>Indian Journal of Science and Technology</i> , 2014, 7, 1583-1587.	0.5	10
28	On Dislocated Quasi Metrics. <i>Journal of Advanced Studies in Topology</i> , 2011, 3, 66.	0.4	10
29	Fixed Point Theorems and Generalizations of Dislocated Metric Spaces. <i>Indian Journal of Science and Technology</i> , 2015, 8, 154.	0.5	8
30	Completion of a Dislocated Metric Space. <i>Abstract and Applied Analysis</i> , 2015, 2015, 1-5.	0.3	6
31	Some fixed point theorems in generating space of b-quasi-metric family. <i>SpringerPlus</i> , 2016, 5, 268.	1.2	4
32	Fixed Point Theorems for Occasionally Weakly Compatible Mappings in Dislocated-Metric Spaces. <i>Turkish Journal of Analysis and Number Theory</i> , 2014, 2, 37-41.	0.1	4
33	Unification of the Fixed Point in Integral Type Metric Spaces. <i>Symmetry</i> , 2018, 10, 732.	1.1	4
34	Some Valid Generalizations of Boyd and Wong Inequality and $\tilde{\psi}$ -Weak Contraction in Partially Ordered b $\tilde{M}$ -Metric Spaces. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2020, 2020, 1-13.	0.3	3
35	Solving the system of nonlinear integral equations via rational contractions. <i>AIMS Mathematics</i> , 2021, 6, 3562-3582.	0.7	1
36	An existence result involving both the generalized proportional Riemann-Liouville and Hadamard fractional integral equations through generalized Darbo's fixed point theorem. <i>AIMS Mathematics</i> , 2022, 7, 15484-15496.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Common coupled fixed point theorems satisfying rational type contractive conditions in b-metric spaces. SpringerPlus, 2016, 5, 257.	1.2	0
38	Convergence axioms on generalized metric spaces. Afrika Matematika, 2017, 28, 35-43.	0.4	0
39	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