

Avinash K Mittal

List of Publications by Year in descending order

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10
papers

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citations

1937685

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1588992

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g-index

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docs citations

10
times ranked

17
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudospectral analysis and approximation of two-dimensional fractional cable equation. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 8613-8630.	2.3	2
2	Numerical solutions of time and space fractional coupled Burgers equations using time-space Chebyshev pseudospectral method. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 3127-3137.	2.3	4
3	Time-space Jacobi pseudospectral simulation of multidimensional Schrödinger equation. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 1725-1751.	3.6	2
4	Spectrally accurate approximate solutions and convergence analysis of fractional Burgers™ equation. <i>Arabian Journal of Mathematics</i> , 2020, 9, 633-644.	0.9	1
5	Numerical solutions and stability analysis for solitary waves of complex modified Korteweg-de Vries equation using Chebyshev pseudospectral methods. <i>Numerical Methods for Partial Differential Equations</i> , 2020, 36, 1662-1681.	3.6	2
6	A stable time-space Jacobi pseudospectral method for two-dimensional sine-Gordon equation. <i>Journal of Applied Mathematics and Computing</i> , 2020, 63, 239-264.	2.5	15
7	Numerical solutions of two-dimensional fractional Schrodinger equation. <i>Mathematical Sciences</i> , 2020, 14, 129-136.	1.7	4
8	Chebyshev pseudospectral approximation of two dimensional fractional Schrodinger equation on a convex and rectangular domain. <i>AIMS Mathematics</i> , 2020, 5, 1642-1662.	1.6	9
9	Time-space pseudospectral algorithm for numerical solution of Sine/Klein-Gordon equations. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
10	A Highly Accurate Time-Space Pseudospectral Approximation and Stability Analysis of Two Dimensional Brusselator Model for Chemical Systems. <i>International Journal of Applied and Computational Mathematics</i> , 2019, 5, 1.	1.6	13