

Rathinavel Silambarasan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

139
citations

1307594

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1281871

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14
all docs

14
docs citations

14
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodic waves of the non dissipative double dispersive micro strain wave in the micro structured solids. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 545, 123772.	2.6	23
2	Modified Kudryashov Method to Solve Generalized Kuramoto-Sivashinsky Equation. <i>Symmetry</i> , 2018, 10, 527.	2.2	22
3	Jacobi elliptic function solutions of the double dispersive equation in the Murnaghan's rod. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	22
4	A distinctive Sumudu treatment of trigonometric functions. <i>Journal of Computational and Applied Mathematics</i> , 2017, 312, 74-81.	2.0	20
5	Longitudinal strain waves propagating in an infinitely long cylindrical rod composed of generally incompressible materials and its Jacobi elliptic function solutions. <i>Mathematics and Computers in Simulation</i> , 2021, 182, 566-602.	4.4	20
6	Sumudu Computation of the Transient Magnetic Field in a Lossy Medium. <i>Applied Mathematics and Information Sciences</i> , 2017, 11, 209-2017.	0.5	9
7	Sumudu transform of Dumont bimodular Jacobi elliptic functions for arbitrary powers. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	6
8	Computing new solutions of algebro-geometric equation using the discrete inverse Sumudu transform. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	5
9	Further distinctive investigations of the Sumudu transform. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
10	Quasi associated continued fractions and Hankel determinants of Dixon elliptic functions via Sumudu transform. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 4000-4014.	1.0	2
11	Hankel Determinants of Non-Zero Modulus Dixon Elliptic Functions via Quasi C Fractions. <i>Fractal and Fractional</i> , 2019, 3, 22.	3.3	0