Rathinavel Silambarasan

List of Publications by Year
in descending order

11 papers	139 citations	1307594 7 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	109 citing authors

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