Vijay Kumar Patel

List of Publications by Year
in descending order

10 papers	189 citations	1163117 8 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	124 citing authors

#	Article	IF	Citations
1	Operational matrix approach for the solution of partial integro-differential equation. Applied Mathematics and Computation, 2016, 283, 195-207.	2.2	31
2	Numerical solution of nonlinear weakly singular partial integro-differential equation via operational matrices. Applied Mathematics and Computation, 2017, 298, 310-321.	2.2	30
3	Two‐dimensional shifted Legendre polynomial collocation method for electromagnetic waves in dielectric media via almost operational matrices. Mathematical Methods in the Applied Sciences, 2017, 40, 3698-3717.	2.3	24
4	Application of Bernoulli matrix method for solving two-dimensional hyperbolic telegraph equations with Dirichlet boundary conditions. Computers and Mathematics With Applications, 2018, 75, 2280-2294.	2.7	23
5	Two-dimensional wavelets collocation method for electromagnetic waves in dielectric media. Journal of Computational and Applied Mathematics, 2017, 317, 307-330.	2.0	20
6	Application of wavelet collocation method for hyperbolic partial differential equations via matrices. Applied Mathematics and Computation, 2018, 320, 407-424.	2.2	20
7	Two Dimensional Wavelets Collocation Scheme for Linear and Nonlinear Volterra Weakly Singular Partial Integro-Differential Equations. International Journal of Applied and Computational Mathematics, 2018, 4, 1.	1.6	18
8	Convergence rate of collocation method based on wavelet for nonlinear weakly singular partial integro‐differential equation arising from viscoelasticity. Numerical Methods for Partial Differential Equations, 2018, 34, 1781-1798.	3.6	17
9	Lagrange Operational Matrix Methods to Lane–Emden, Riccati's and Bessel's Equations. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	1.6	4
10	An efficient matrix approach for the numerical solutions of electromagnetic wave model based on fractional partial derivative. Applied Numerical Mathematics, 2021, 169, 1-20.	2.1	2