

# Vijay Kumar Patel

## List of Publications by Year in descending order

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10  
papers

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citations

1163117

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1372567

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124  
citing authors

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