Yingjun Jiang

List of Publications by Year
in descending order

30 papers	883 citations

567144

15 h-index	

501076

28 g-index	

30 all docs	30 docs citations

30 times ranked	594 citing authors

#	Article	IF	Citations
1	High-order finite element methods for time-fractional partial differential equations. Journal of Computational and Applied Mathematics, 2011, 235, 3285-3290.	1.1	338
2	A monotone finite volume method for time fractional Fokker-Planck equations. Science China Mathematics, 2019, 62, 783-794.	0.8	54
3	Spectral collocation methods for Volterra-integro differential equations with noncompact kernels. Journal of Computational and Applied Mathematics, 2013, 244, 115-124.	1.1	50
4	Moving finite element methods for time fractional partial differential equations. Science China Mathematics, 2013, 56, 1287-1300.	0.8	45
5	Evaluation of the mechanical behaviors of cement-stabilized cold recycled mixtures produced by vertical vibration compaction method. Materials and Structures/Materiaux Et Constructions, 2016, 49, 2257-2270.	1.3	36
6	A new analysis of stability and convergence for finite difference schemes solving the time fractional Fokker–Planck equation. Applied Mathematical Modelling, 2015, 39, 1163-1171.	2.2	29
7	Analysis on the fatigue properties of vertical vibration compacted lime–fly ash-stabilized macadam. Construction and Building Materials, 2017, 155, 531-541.	3.2	29
8	Application of numerical simulation method to improve shear strength and rutting resistance of asphalt mixture. International Journal of Pavement Engineering, 2020, 21, 112-121.	2.2	29
9	Influence of volumetric property on mechanical properties of vertical vibration compacted asphalt mixture. Construction and Building Materials, 2017, 135, 612-621.	3.2	27
10	Investigation into the performance of asphalt mixture designed using different methods. Construction and Building Materials, 2018, 177, 378-387.	3.2	26
11	Finite Volume Methods for N-Dimensional Time Fractional Fokker–Planck Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 3167-3186.	0.4	25
12	Investigation of the fatigue properties of asphalt mixture designed using vertical vibration method. Road Materials and Pavement Design, 2020, 21, 1454-1469.	2.0	23
13	Evaluation of the cooling effect and anti-rutting performance of thermally resistant and heat-reflective pavement. International Journal of Pavement Engineering, 2020, 21, 447-456.	2.2	22
14	On a graded mesh method for a class of weakly singular Volterra integral equations. Journal of Computational and Applied Mathematics, 2009, 231, 807-814.	1.1	20
15	Investigation into physical and mechanical properties of SRX-stabilised crushed rock using different compaction methods. International Journal of Pavement Engineering, 2019, 20, 866-873.	2.2	18
16	Multigrid methods for space fractional partial differential equations. Journal of Computational Physics, 2015, 302, 374-392.	1.9	16
17	Numerical simulation of blowup in nonlocal reaction–diffusion equations using a moving mesh method. Journal of Computational and Applied Mathematics, 2009, 230, 8-21.	1.1	15
18	Moving collocation methods for time fractional differential equations and simulation of blowup. Science China Mathematics, 2011, 54, 611-622.	0.8	15

#	Article	IF	Citations
19	Moving mesh methods for blowup in reaction–diffusion equations with traveling heat source. Journal of Computational Physics, 2009, 228, 6977-6990.	1.9	12
20	A numerical test method of California bearing ratio on graded crushed rocks using particle flow modeling. Journal of Traffic and Transportation Engineering (English Edition), 2015, 2, 107-115.	2.0	12
21	Thermal Resistant Stone Mastic Asphalt Surface and Its Antirutting Performance. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	11
22	A MULTIPLICATIVE SCHWARZ ALGORITHM FOR THE NONLINEAR COMPLEMENTARITY PROBLEM WITH AN M-FUNCTION. Bulletin of the Australian Mathematical Society, 2010, 82, 353-366.	0.3	9
23	Additive Schwarz algorithm for the nonlinear complementarity problem with M-function. Applied Mathematics and Computation, 2007, 190, 1007-1019.	1.4	5
24	High-Order Numerical Method for Solving a Space Distributed-Order Time-Fractional Diffusion Equation. Acta Mathematica Scientia, 2021, 41, 801-826.	0.5	4
25	Adaptive collocation methods for Volterra integral and integro-differential equations. Applied Mathematics and Computation, 2007, 191, 67-78.	1.4	3
26	Direct algorithm for the solution of two-sided obstacle problems with M-matrix. Numerical Linear Algebra With Applications, 2011, 18, 167-173.	0.9	3
27	Attractors for the semilinear reaction-diffusion equation with distribution derivatives. Journal of Mathematical Physics, 2013, 54, 092701.	0.5	3
28	Performances of Cement-stabilized Macadam with Multilevel Dense Built-in Grading structure gradation. , 2011, , .		2
29	Strong Interlocked Skeleton Dense Gradation for Graded Broken Stones. , 2011, , .		1
30	Domain decomposition methods for space fractional partial differential equations. Journal of Computational Physics, 2017, 350, 573-589.	1.9	1