

# Yingjun Jiang

## List of Publications by Year in descending order

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papers

883  
citations

567144

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501076

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docs citations

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times ranked

594  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Order Numerical Method for Solving a Space Distributed-Order Time-Fractional Diffusion Equation. <i>Acta Mathematica Scientia</i> , 2021, 41, 801-826.	0.5	4
2	Application of numerical simulation method to improve shear strength and rutting resistance of asphalt mixture. <i>International Journal of Pavement Engineering</i> , 2020, 21, 112-121.	2.2	29
3	Investigation of the fatigue properties of asphalt mixture designed using vertical vibration method. <i>Road Materials and Pavement Design</i> , 2020, 21, 1454-1469.	2.0	23
4	Evaluation of the cooling effect and anti-rutting performance of thermally resistant and heat-reflective pavement. <i>International Journal of Pavement Engineering</i> , 2020, 21, 447-456.	2.2	22
5	Finite Volume Methods for N-Dimensional Time Fractional Fokker-Planck Equations. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019, 42, 3167-3186.	0.4	25
6	A monotone finite volume method for time fractional Fokker-Planck equations. <i>Science China Mathematics</i> , 2019, 62, 783-794.	0.8	54
7	Investigation into physical and mechanical properties of SRX-stabilised crushed rock using different compaction methods. <i>International Journal of Pavement Engineering</i> , 2019, 20, 866-873.	2.2	18
8	Thermal Resistant Stone Mastic Asphalt Surface and Its Antirutting Performance. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	1.3	11
9	Investigation into the performance of asphalt mixture designed using different methods. <i>Construction and Building Materials</i> , 2018, 177, 378-387.	3.2	26
10	Influence of volumetric property on mechanical properties of vertical vibration compacted asphalt mixture. <i>Construction and Building Materials</i> , 2017, 135, 612-621.	3.2	27
11	Analysis on the fatigue properties of vertical vibration compacted lime-fly ash-stabilized macadam. <i>Construction and Building Materials</i> , 2017, 155, 531-541.	3.2	29
12	Domain decomposition methods for space fractional partial differential equations. <i>Journal of Computational Physics</i> , 2017, 350, 573-589.	1.9	1
13	Evaluation of the mechanical behaviors of cement-stabilized cold recycled mixtures produced by vertical vibration compaction method. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 2257-2270.	1.3	36
14	A numerical test method of California bearing ratio on graded crushed rocks using particle flow modeling. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2015, 2, 107-115.	2.0	12
15	Multigrid methods for space fractional partial differential equations. <i>Journal of Computational Physics</i> , 2015, 302, 374-392.	1.9	16
16	A new analysis of stability and convergence for finite difference schemes solving the time fractional Fokker-Planck equation. <i>Applied Mathematical Modelling</i> , 2015, 39, 1163-1171.	2.2	29
17	Spectral collocation methods for Volterra-integro differential equations with noncompact kernels. <i>Journal of Computational and Applied Mathematics</i> , 2013, 244, 115-124.	1.1	50
18	Moving finite element methods for time fractional partial differential equations. <i>Science China Mathematics</i> , 2013, 56, 1287-1300.	0.8	45

#	ARTICLE	IF	CITATIONS
19	Attractors for the semilinear reaction-diffusion equation with distribution derivatives. Journal of Mathematical Physics, 2013, 54, 092701.	0.5	3
20	Strong Interlocked Skeleton Dense Gradation for Graded Broken Stones. , 2011, , .		1
21	Moving collocation methods for time fractional differential equations and simulation of blowup. Science China Mathematics, 2011, 54, 611-622.	0.8	15
22	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
23	High-order finite element methods for time-fractional partial differential equations. Journal of Computational and Applied Mathematics, 2011, 235, 3285-3290.	1.1	338
24	Performances of Cement-stabilized Macadam with Multilevel Dense Built-in Grading structure gradation. , 2011, , .		2
25	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
26	Moving mesh methods for blowup in reactionâ€“diffusion equations with traveling heat source. Journal of Computational Physics, 2009, 228, 6977-6990.	1.9	12
27	Numerical simulation of blowup in nonlocal reactionâ€“diffusion equations using a moving mesh method. Journal of Computational and Applied Mathematics, 2009, 230, 8-21.	1.1	15
28	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
29	Additive Schwarz algorithm for the nonlinear complementarity problem with M-function. Applied Mathematics and Computation, 2007, 190, 1007-1019.	1.4	5
30	Adaptive collocation methods for Volterra integral and integro-differential equations. Applied Mathematics and Computation, 2007, 191, 67-78.	1.4	3