

Jianxiong Cao

List of Publications by Year in descending order

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papers

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citations

1162889

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docs citations

17
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347
citing authors

#	ARTICLE	IF	CITATIONS
1	A tailored finite point method for subdiffusion equation with anisotropic and discontinuous diffusivity. Applied Mathematics and Computation, 2021, 401, 125907.	1.4	0
2	Hidden hyperchaotic attractors in a new 4D fractional order system and its synchronization. Chaos, 2020, 30, 033129.	1.0	11
3	A limited-memory block bi-diagonal Toeplitz preconditioner for block lower triangular Toeplitz system from time-space fractional diffusion equation. Journal of Computational and Applied Mathematics, 2019, 362, 99-115.	1.1	11
4	Blow-up and global solutions for a class of time fractional nonlinear reaction-diffusion equation with weakly spatial source. Applied Mathematics Letters, 2019, 91, 201-206.	1.5	28
5	Solutions induced from bright solitons for nucleon-meson model. Advances in Difference Equations, 2018, 2018, .	3.5	0
6	A compact finite difference scheme for variable order subdiffusion equation. Communications in Nonlinear Science and Numerical Simulation, 2017, 48, 140-149.	1.7	38
7	A high order numerical scheme for variable order fractional ordinary differential equation. Applied Mathematics Letters, 2016, 61, 88-94.	1.5	26
8	High-order approximation to Caputo derivatives and Caputo-type advection-diffusion equations (III). Journal of Computational and Applied Mathematics, 2016, 299, 159-175.	1.1	75
9	High-order approximation to Caputo derivatives and Caputo-type advection-diffusion equations (II). Fractional Calculus and Applied Analysis, 2015, 18, 735-761.	1.2	82
10	Backstepping dynamic surface control for a class of nonlinear systems with time-varying output constraints. IET Control Theory and Applications, 2015, 9, 2312-2319.	1.2	81
11	Multi-UAV-based optimal crop-dusting of anomalously diffusing infestation of crops. , 2015, , .		2
12	Compact difference method for solving the fractional reaction-subdiffusion equation with Neumann boundary value condition. International Journal of Computer Mathematics, 2015, 92, 167-180.	1.0	21
13	On tempered and substantial fractional calculus. , 2014, , .		17
14	Finite difference scheme for the time-space fractional diffusion equations. Open Physics, 2013, 11, .	0.8	3
15	Gronwall inequalities. Interdisciplinary Mathematical Sciences, 2013, , 1-22.	0.4	5
16	A finite difference method for time-fractional telegraph equation. , 2012, , .		9
17	Tailored finite point method for time fractional convection dominated diffusion problems with boundary layers. Mathematical Methods in the Applied Sciences, 0, , .	1.2	1