

# Jian-ping Zhao

## List of Publications by Year in descending order

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31  
papers

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citations

1040018

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h-index

996954

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32  
all docs

32  
docs citations

32  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	scCNC: a method based on capsule network for clustering scRNA-seq data. <i>Bioinformatics</i> , 2022, 38, 3703-3709.	4.1	6
2	SUSCC: Secondary Construction of Feature Space based on UMAP for Rapid and Accurate Clustering Large-scale Single Cell RNA-seq Data. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 83-90.	3.6	10
3	Penalty decoupled iterative methods for the stationary natural convection equations with different Rayleigh numbers. <i>Applied Numerical Mathematics</i> , 2021, 163, 270-291.	2.1	2
4	Identification of driver genes based on gene mutational effects and network centrality. <i>BMC Bioinformatics</i> , 2021, 22, 457.	2.6	3
5	Clustering of cancer data based on Stiefel manifold for multiple views. <i>BMC Bioinformatics</i> , 2021, 22, 268.	2.6	7
6	SCDRHA: A scRNA-Seq Data Dimensionality Reduction Algorithm Based on Hierarchical Autoencoder. <i>Frontiers in Genetics</i> , 2021, 12, 733906.	2.3	8
7	scCDG: A Method based on DAE and GCN for scRNA-seq data Analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, PP, 1-1.	3.0	16
8	Parallel two-step finite element algorithm based on fully overlapping domain decomposition for the time-dependent natural convection problem. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 496-515.	2.8	9
9	An efficient operator-splitting FEM-FCT algorithm for 3D chemotaxis models. <i>Engineering With Computers</i> , 2020, 36, 1393-1404.	6.1	11
10	How to obtain an accurate gradient for interface problems?. <i>Journal of Computational Physics</i> , 2020, 405, 109070.	3.8	8
11	A Petrovâ€Galerkin finite element method for simulating chemotaxis models on stationary surfaces. <i>Computers and Mathematics With Applications</i> , 2020, 79, 3189-3205.	2.7	7
12	A layers capturing type H-adaptive finite element method for convectionâ€diffusionâ€reaction equations on surfaces. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 361, 112792.	6.6	5
13	On Two-Level Oseen Penalty Iteration Methods for the 2D/3D Stationary Incompressible Magnetohydrodynamics. <i>Journal of Scientific Computing</i> , 2020, 83, 1.	2.3	9
14	Least-squares RBF-FD method for the incompressible Stokes equations with the singular source. <i>Numerical Heat Transfer; Part A: Applications</i> , 2019, 75, 739-752.	2.1	1
15	A New Optimization Method for the Layout of Pumping Wells in Oases: Application in the Qira Oasis, Northwest China. <i>Water (Switzerland)</i> , 2019, 11, 970.	2.7	7
16	Recovery-based error estimator for the natural-convection problem based on penalized finite element method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 4850-4874.	2.8	0
17	A compact integrated RBF method for time fractional convectionâ€diffusionâ€reaction equations. <i>Computers and Mathematics With Applications</i> , 2019, 77, 2263-2278.	2.7	24
18	A stabilized coupled method and its optimal error estimates for elliptic interface problems. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	1

#	ARTICLE	IF	CITATIONS
19	Two-level meshless local Petrov Galerkin method for multi-dimensional nonlinear convection–diffusion equation based on radial basis function. Numerical Heat Transfer, Part B: Fundamentals, 2018, 74, 685-698.	0.9	7
20	Two-Level Penalty Newton Iterative Method for the 2D/3D Stationary Incompressible Magnetohydrodynamics Equations. Journal of Scientific Computing, 2017, 70, 1144-1179.	2.3	22
21	Effects of variability in landscape types on the microclimate across a desert–oasis region on the southern margins of the Tarim Basin, China. Arid Land Research and Management, 2016, 30, 89-104.	1.6	11
22	The application of dimension split method in the three-dimensional heat equation. Mathematical Methods in the Applied Sciences, 2016, 39, 3506-3515.	2.3	0
23	New local and parallel finite element algorithm based on the partition of unity. Journal of Mathematical Analysis and Applications, 2016, 435, 1-19.	1.0	25
24	Modified intrinsic extended finite element method for elliptic equation with interfaces. Journal of Engineering Mathematics, 2016, 97, 147-159.	1.2	2
25	Solitary and compacton solutions of fractional KdV-like equations. Open Physics, 2016, 14, 328-336.	1.7	1
26	The stable extrinsic extended finite element method for second order elliptic equation with interfaces. Advances in Difference Equations, 2015, 2015, .	3.5	1
27	Highly efficient and local projection-based stabilized finite element method for natural convection problem. International Journal of Heat and Mass Transfer, 2015, 83, 357-365.	4.8	21
28	A New Iterative Method for Linear Systems from XFEM. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	1
29	Error analysis of a fully discrete finite element variational multiscale method for the natural convection problem. Computers and Mathematics With Applications, 2014, 68, 543-567.	2.7	30
30	The Extended Fractional Subequation Method for Nonlinear Fractional Differential Equations. Mathematical Problems in Engineering, 2012, 2012, 1-11.	1.1	16
31	Immersed Interface Method for elliptic equations based on a piecewise second order polynomial. Computers and Mathematics With Applications, 2012, 63, 957-965.	2.7	6