Yin Yang

List of Publications by Year
in descending order

65 papers	1,754 citations	279798 23 h-index	302126 39 g-index
65 all docs	65 docs citations	65 times ranked	1718 citing authors

#	Article	IF	Citations
1	Prenatal exposure to air pollution and neurodevelopmental delay in children: A birth cohort study in Foshan, China. Science of the Total Environment, 2022, 816, 151658.	8.0	16
2	Unconditionally optimal H1-norm error estimates of a fast and linearized Galerkin method for nonlinear subdiffusion equations. Computers and Mathematics With Applications, 2022, 107, 70-81.	2.7	6
3	A posteriori error estimates of hp spectral element method for parabolic optimal control problems. AIMS Mathematics, 2022, 7, 5220-5240.	1.6	1
4	Constituents of fine particulate matter and asthma in 6 low- and middle-income countries. Journal of Allergy and Clinical Immunology, 2022, 150, 214-222.e5.	2.9	25
5	High-Temperature Soup Foods in Plastic Packaging Are Associated with Phthalate Body Burden and Expression of Inflammatory mRNAs: A Dietary Intervention Study. Environmental Science & Technology, 2022, 56, 8416-8427.	10.0	2
6	Compatible L2 norm convergence of variable-step L1 scheme for the time-fractional MBE model with slope selection. Journal of Computational Physics, 2022, 467, 111467.	3.8	8
7	Mapped spectral collocation methods for Volterra integral equations with noncompact kernels. Applied Numerical Mathematics, 2021, 160, 166-177.	2.1	3
8	Improvement in life expectancy for ischemic heart diseases by achieving daily ambient PM2.5 standards in China. Environmental Research, 2021, 193, 110512.	7.5	7
9	An indirect convergent Jacobi spectral collocation method for fractional optimal control problems. Mathematical Methods in the Applied Sciences, 2021, 44, 2806-2824.	2.3	3
10	High accurate convergent spectral Galerkin methods for nonlinear weakly singular Volterra integro-differential equations. Computational and Applied Mathematics, 2021, 40, 1.	2.2	4
11	High accurate pseudo-spectral Galerkin scheme for pantograph type Volterra integro-differential equations with singular kernels. Applied Mathematics and Computation, 2021, 396, 125866.	2.2	11
12	Disease burden and attributable risk factors of respiratory infections in China from 1990 to 2019. The Lancet Regional Health - Western Pacific, 2021, 11, 100153.	2.9	11
13	Maternal PM2.5 exposure associated with stillbirth: A large birth cohort study in seven Chinese cities. International Journal of Hygiene and Environmental Health, 2021, 236, 113795.	4.3	16
14	Temporal trend and attributable risk factors of stroke burden in China, 1990â€“2019: an analysis for the Global Burden of Disease Study 2019. Lancet Public Health, The, 2021, 6, e897-e906.	10.0	257
15	A radial basis function â€” Hermite finite difference approach to tackle cash-or-nothing and asset-or-nothing options. Journal of Computational and Applied Mathematics, 2020, 368, 112523.	2.0	8
16	Rigorous convergence analysis of Jacobi spectral Galerkin methods for Volterra integral equations with noncompact kernels. Journal of Computational and Applied Mathematics, 2020, 366, 112403.	2.0	11
17	Convergence analysis of space-time Jacobi spectral collocation method for solving time-fractional SchrÃ¶dinger equations. Applied Mathematics and Computation, 2020, 387, 124489.	2.2	15
18	Maternal air pollution exposure associated with risk of congenital heart defect in pre-pregnancy overweighted women. Science of the Total Environment, 2020, 712, 136470.	8.0	23

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19	A cardinal method to solve coupled nonlinear variable-order time fractional sine-Gordon equations. Computational and Applied Mathematics, 2020, 39, 1.	2.2	14
20	The effect of temperature on cause-specific mental disorders in three subtropical cities: A case-crossover study in China. Environment International, 2020, 143, 105938.	10.0	48
21	Ambient air pollution exposure associated with glucose homeostasis during pregnancy and gestational diabetes mellitus. Environmental Research, 2020, 190, 109990.	7.5	30
22	Prolonged Life Expectancy for Those Dying of Stroke by Achieving the Daily PM 2.5 Targets. Global Challenges, 2020, 4, 2000048.	3.6	3
23	Changes in Life Expectancy of Respiratory Diseases from Attaining Daily PM2.5 Standard in China: A Nationwide Observational Study. Innovation(China), 2020, 1, 100064.	9.1	30
24	Two-grid Raviart-Thomas mixed finite element methods combined with Crank-Nicolson scheme for a class of nonlinear parabolic equations. Advances in Computational Mathematics, 2020, 46, 1.	1.6	3
25	The mediation effect of maternal glucose on the association between ambient air pollution and birth weight in Foshan, China. Environmental Pollution, 2020, 266, 115128.	7.5	8
26	Potential gains in life expectancy by attaining daily ambient fine particulate matter pollution standards in mainland China: A modeling study based on nationwide data. PLoS Medicine, 2020, 17, e1003027.	8.4	94
27	How longer can people live by achieving the daily ambient fine particulate pollution standards in the Pearl River Delta region, China?. Chemosphere, 2020, 254, 126853.	8.2	5
28	Title is missing!. , 2020, 17, e1003027.		0
29	Title is missing!. , 2020, 17, e1003027.		0
30	Title is missing!. , 2020, 17, e1003027.		0
31	Title is missing!. , 2020, 17, e1003027.		0
32	Title is missing!. , 2020, 17, e1003027.		0
33	Title is missing!. , 2020, 17, e1003027.		0
34	Ambient fine particulate matter and ozone higher than certain thresholds associated with myopia in the elderly aged 50 years and above. Environmental Research, 2019, 177, 108581.	7.5	28
35	Migrant population is more vulnerable to the effect of air pollution on preterm birth: Results from a birth cohort study in seven Chinese cities. International Journal of Hygiene and Environmental Health, 2019, 222, 1047-1053.	4.3	19
36	Applying the concept of â€œnumber needed to treatâ€•to the formulation of daily ambient air quality standards. Chemosphere, 2019, 222, 665-670.	8.2	6

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37	Numerical solution of multi-Pantograph delay boundary value problems via an efficient approach with the convergence analysis. Computational and Applied Mathematics, 2019, 38, 1.	2.2	16
38	Short-term and long-term effects of PM2.5 on acute nasopharyngitis in 10 communities of Guangdong, China. Science of the Total Environment, 2019, 688, 136-142.	8.0	33
39	Ambient PM2.5 and birth outcomes: Estimating the association and attributable risk using a birth cohort study in nine Chinese cities. Environment International, 2019, 126, 329-335.	10.0	53
40	A computational method for solving variable-order fractional nonlinear diffusion-wave equation. Applied Mathematics and Computation, 2019, 352, 235-248.	2.2	51
41	Mapping Environmental Suitability of Scrub Typhus in Nepal Using MaxEnt and Random Forest Models. International Journal of Environmental Research and Public Health, 2019, 16, 4845.	2.6	16
42	Short-term and long-term exposures to fine particulate matter constituents and health: A systematic review and meta-analysis. Environmental Pollution, 2019, 247, 874-882.	7.5	245
43	Spectral collocation methods for nonlinear coupled time fractional Nernstâ€“Planck equations in two dimensions and its convergence analysis. Computers and Mathematics With Applications, 2019, 78, 1431-1449.	2.7	11
44	Numerical solutions for Fredholm integral equations of the second kind with weakly singular kernel using spectral collocation method. Applied Mathematics and Computation, 2019, 349, 314-324.	2.2	9
45	Ambient PM2.5 and O3 and their combined effects on prevalence of presbyopia among the elderly: A cross-sectional study in six low- and middle-income countries. Science of the Total Environment, 2019, 655, 168-173.	8.0	42
46	Long-term exposure to ambient fine particles associated with asthma: A cross-sectional study among older adults in six low- and middle-income countries. Environmental Research, 2019, 168, 141-145.	7.5	27
47	Spectral Collocation Methods for Nonlinear Volterra Integro-Differential Equations with Weakly Singular Kernels. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 297-314.	0.9	12
48	Numerical solutions for solving time fractional Fokkerâ€“Planck equations based on spectral collocation methods. Journal of Computational and Applied Mathematics, 2018, 339, 389-404.	2.0	38
49	Numerical simulation of time fractional Cable equations and convergence analysis. Numerical Methods for Partial Differential Equations, 2018, 34, 1556-1576.	3.6	16
50	A posteriori error estimates of spectral method for nonlinear parabolic optimal control problem. Journal of Inequalities and Applications, 2018, 2018, 138.	1.1	1
51	An Efficient Topology Description Function Method Based on Modified Sigmoid Function. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	2
52	Ambient fine particulate pollution associated with diabetes mellitus among the elderly aged 50 years and older in China. Environmental Pollution, 2018, 243, 815-823.	7.5	62
53	Two-grid methods for expanded mixed finite element approximations of semi-linear parabolic integro-differential equations. Applied Numerical Mathematics, 2018, 132, 163-181.	2.1	15
54	Estimating the acute effects of fine and coarse particle pollution on stroke mortality of in six Chinese subtropical cities. Environmental Pollution, 2018, 239, 812-817.	7.5	36

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55	A durable thin-film nanofibrous composite nanofiltration membrane prepared by interfacial polymerization on a double-layer nanofibrous scaffold. RSC Advances, 2017, 7, 18001-18013.	3.6	39
56	Error estimates of spectral element methods with generalized Jacobi polynomials on an interval. Applied Mathematics Letters, 2017, 74, 199-206.	2.7	4
57	Spectral collocation method for the time-fractional diffusion-wave equation and convergence analysis. Computers and Mathematics With Applications, 2017, 73, 1218-1232.	2.7	63
58	Jacobi Spectral Galerkin and Iterated Methods for Nonlinear Volterra Integral Equation. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	1.2	3
59	High-performance nanofiltration membrane prepared by dopamine-assisted interfacial polymerization on PES nanofibrous scaffolds. Desalination and Water Treatment, 2016, 57, 9549-9557.	1.0	18
60	JACOBI SPECTRAL GALERKIN METHODS FOR VOLTERRA INTEGRAL EQUATIONS WITH WEAKLY SINGULAR KERNEL. Bulletin of the Korean Mathematical Society, 2016, 53, 247-262.	0.3	14
61	Convergence Analysis of Legendre-Collocation Methods for Nonlinear Volterra Type Integro Equations. Advances in Applied Mathematics and Mechanics, 2015, 7, 74-88.	1.2	27
62	Jacobi spectral Galerkin methods for fractional integro-differential equations. Calcolo, 2015, 52, 519-542.	1.1	33
63	SPECTRAL-COLLOCATION METHOD FOR FRACTIONAL FREDHOLM INTEGRO-DIFFERENTIAL EQUATIONS. Journal of the Korean Mathematical Society, 2014, 51, 203-224.	0.4	27
64	Convergence analysis of the Jacobi spectral-collocation method for fractional integro-differential equations. Acta Mathematica Scientia, 2014, 34, 673-690.	1.0	56
65	High flux low pressure thin film nanocomposite ultrafiltration membranes based on nanofibrous substrates. Separation and Purification Technology, 2013, 108, 143-151.	7.9	70