

Yin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,754
citations

279798

23
h-index

302126

39
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65
all docs

65
docs citations

65
times ranked

1718
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal trend and attributable risk factors of stroke burden in China, 1990–2019: an analysis for the Global Burden of Disease Study 2019. <i>Lancet Public Health</i> , The, 2021, 6, e897-e906.	10.0	257
2	Short-term and long-term exposures to fine particulate matter constituents and health: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2019, 247, 874-882.	7.5	245
3	Potential gains in life expectancy by attaining daily ambient fine particulate matter pollution standards in mainland China: A modeling study based on nationwide data. <i>PLoS Medicine</i> , 2020, 17, e1003027.	8.4	94
4	High flux low pressure thin film nanocomposite ultrafiltration membranes based on nanofibrous substrates. <i>Separation and Purification Technology</i> , 2013, 108, 143-151.	7.9	70
5	Spectral collocation method for the time-fractional diffusion-wave equation and convergence analysis. <i>Computers and Mathematics With Applications</i> , 2017, 73, 1218-1232.	2.7	63
6	Ambient fine particulate pollution associated with diabetes mellitus among the elderly aged 50 years and older in China. <i>Environmental Pollution</i> , 2018, 243, 815-823.	7.5	62
7	Convergence analysis of the Jacobi spectral-collocation method for fractional integro-differential equations. <i>Acta Mathematica Scientia</i> , 2014, 34, 673-690.	1.0	56
8	Ambient PM2.5 and birth outcomes: Estimating the association and attributable risk using a birth cohort study in nine Chinese cities. <i>Environment International</i> , 2019, 126, 329-335.	10.0	53
9	A computational method for solving variable-order fractional nonlinear diffusion-wave equation. <i>Applied Mathematics and Computation</i> , 2019, 352, 235-248.	2.2	51
10	The effect of temperature on cause-specific mental disorders in three subtropical cities: A case-crossover study in China. <i>Environment International</i> , 2020, 143, 105938.	10.0	48
11	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. <i>Science of the Total Environment</i> , 2019, 655, 168-173.	8.0	42
12	A durable thin-film nanofibrous composite nanofiltration membrane prepared by interfacial polymerization on a double-layer nanofibrous scaffold. <i>RSC Advances</i> , 2017, 7, 18001-18013.	3.6	39
13	Numerical solutions for solving time fractional Fokker–Planck equations based on spectral collocation methods. <i>Journal of Computational and Applied Mathematics</i> , 2018, 339, 389-404.	2.0	38
14	Estimating the acute effects of fine and coarse particle pollution on stroke mortality of in six Chinese subtropical cities. <i>Environmental Pollution</i> , 2018, 239, 812-817.	7.5	36
15	Jacobi spectral Galerkin methods for fractional integro-differential equations. <i>Calcolo</i> , 2015, 52, 519-542.	1.1	33
16	Short-term and long-term effects of PM2.5 on acute nasopharyngitis in 10 communities of Guangdong, China. <i>Science of the Total Environment</i> , 2019, 688, 136-142.	8.0	33
17	Ambient air pollution exposure associated with glucose homeostasis during pregnancy and gestational diabetes mellitus. <i>Environmental Research</i> , 2020, 190, 109990.	7.5	30
18	Changes in Life Expectancy of Respiratory Diseases from Attaining Daily PM2.5 Standard in China: A Nationwide Observational Study. <i>Innovation(China)</i> , 2020, 1, 100064.	9.1	30

#	ARTICLE	IF	CITATIONS
19	Ambient fine particulate matter and ozone higher than certain thresholds associated with myopia in the elderly aged 50 years and above. <i>Environmental Research</i> , 2019, 177, 108581.	7.5	28
20	SPECTRAL-COLLOCATION METHOD FOR FRACTIONAL FREDHOLM INTEGRO-DIFFERENTIAL EQUATIONS. <i>Journal of the Korean Mathematical Society</i> , 2014, 51, 203-224.	0.4	27
21	Convergence Analysis of Legendre-Collocation Methods for Nonlinear Volterra Type Integro Equations. <i>Advances in Applied Mathematics and Mechanics</i> , 2015, 7, 74-88.	1.2	27
22	Long-term exposure to ambient fine particles associated with asthma: A cross-sectional study among older adults in six low- and middle-income countries. <i>Environmental Research</i> , 2019, 168, 141-145.	7.5	27
23	Constituents of fine particulate matter and asthma in 6 low- and middle-income countries. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 214-222.e5.	2.9	25
24	Maternal air pollution exposure associated with risk of congenital heart defect in pre-pregnancy overweighted women. <i>Science of the Total Environment</i> , 2020, 712, 136470.	8.0	23
25	Migrant population is more vulnerable to the effect of air pollution on preterm birth: Results from a birth cohort study in seven Chinese cities. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 1047-1053.	4.3	19
26	High-performance nanofiltration membrane prepared by dopamine-assisted interfacial polymerization on PES nanofibrous scaffolds. <i>Desalination and Water Treatment</i> , 2016, 57, 9549-9557.	1.0	18
27	Numerical simulation of time fractional Cable equations and convergence analysis. <i>Numerical Methods for Partial Differential Equations</i> , 2018, 34, 1556-1576.	3.6	16
28	Numerical solution of multi-Pantograph delay boundary value problems via an efficient approach with the convergence analysis. <i>Computational and Applied Mathematics</i> , 2019, 38, 1.	2.2	16
29	Mapping Environmental Suitability of Scrub Typhus in Nepal Using MaxEnt and Random Forest Models. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4845.	2.6	16
30	Maternal PM2.5 exposure associated with stillbirth: A large birth cohort study in seven Chinese cities. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113795.	4.3	16
31	Prenatal exposure to air pollution and neurodevelopmental delay in children: A birth cohort study in Foshan, China. <i>Science of the Total Environment</i> , 2022, 816, 151658.	8.0	16
32	Two-grid methods for expanded mixed finite element approximations of semi-linear parabolic integro-differential equations. <i>Applied Numerical Mathematics</i> , 2018, 132, 163-181.	2.1	15
33	Convergence analysis of space-time Jacobi spectral collocation method for solving time-fractional Schrödinger equations. <i>Applied Mathematics and Computation</i> , 2020, 387, 124489.	2.2	15
34	A cardinal method to solve coupled nonlinear variable-order time fractional sine-Gordon equations. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	14
35	JACOBI SPECTRAL GALERKIN METHODS FOR VOLTERRA INTEGRAL EQUATIONS WITH WEAKLY SINGULAR KERNEL. <i>Bulletin of the Korean Mathematical Society</i> , 2016, 53, 247-262.	0.3	14
36	Spectral Collocation Methods for Nonlinear Volterra Integro-Differential Equations with Weakly Singular Kernels. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019, 42, 297-314.	0.9	12

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37	Spectral collocation methods for nonlinear coupled time fractional Nernst-Planck equations in two dimensions and its convergence analysis. <i>Computers and Mathematics With Applications</i> , 2019, 78, 1431-1449.	2.7	11
38	Rigorous convergence analysis of Jacobi spectral Galerkin methods for Volterra integral equations with noncompact kernels. <i>Journal of Computational and Applied Mathematics</i> , 2020, 366, 112403.	2.0	11
39	High accurate pseudo-spectral Galerkin scheme for pantograph type Volterra integro-differential equations with singular kernels. <i>Applied Mathematics and Computation</i> , 2021, 396, 125866.	2.2	11
40	Disease burden and attributable risk factors of respiratory infections in China from 1990 to 2019. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 11, 100153.	2.9	11
41	Numerical solutions for Fredholm integral equations of the second kind with weakly singular kernel using spectral collocation method. <i>Applied Mathematics and Computation</i> , 2019, 349, 314-324.	2.2	9
42	A radial basis function Hermite finite difference approach to tackle cash-or-nothing and asset-or-nothing options. <i>Journal of Computational and Applied Mathematics</i> , 2020, 368, 112523.	2.0	8
43	The mediation effect of maternal glucose on the association between ambient air pollution and birth weight in Foshan, China. <i>Environmental Pollution</i> , 2020, 266, 115128.	7.5	8
44	Compatible L2 norm convergence of variable-step L1 scheme for the time-fractional MBE model with slope selection. <i>Journal of Computational Physics</i> , 2022, 467, 111467.	3.8	8
45	Improvement in life expectancy for ischemic heart diseases by achieving daily ambient PM2.5 standards in China. <i>Environmental Research</i> , 2021, 193, 110512.	7.5	7
46	Applying the concept of "number needed to treat" to the formulation of daily ambient air quality standards. <i>Chemosphere</i> , 2019, 222, 665-670.	8.2	6
47	Unconditionally optimal H1-norm error estimates of a fast and linearized Galerkin method for nonlinear subdiffusion equations. <i>Computers and Mathematics With Applications</i> , 2022, 107, 70-81.	2.7	6
48	How longer can people live by achieving the daily ambient fine particulate pollution standards in the Pearl River Delta region, China?. <i>Chemosphere</i> , 2020, 254, 126853.	8.2	5
49	Error estimates of spectral element methods with generalized Jacobi polynomials on an interval. <i>Applied Mathematics Letters</i> , 2017, 74, 199-206.	2.7	4
50	High accurate convergent spectral Galerkin methods for nonlinear weakly singular Volterra integro-differential equations. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	4
51	Jacobi Spectral Galerkin and Iterated Methods for Nonlinear Volterra Integral Equation. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, .	1.2	3
52	Prolonged Life Expectancy for Those Dying of Stroke by Achieving the Daily PM 2.5 Targets. <i>Global Challenges</i> , 2020, 4, 2000048.	3.6	3
53	Two-grid Raviart-Thomas mixed finite element methods combined with Crank-Nicolson scheme for a class of nonlinear parabolic equations. <i>Advances in Computational Mathematics</i> , 2020, 46, 1.	1.6	3
54	Mapped spectral collocation methods for Volterra integral equations with noncompact kernels. <i>Applied Numerical Mathematics</i> , 2021, 160, 166-177.	2.1	3

#	ARTICLE	IF	CITATIONS
55	An indirect convergent Jacobi spectral collocation method for fractional optimal control problems. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2806-2824.	2.3	3
56	An Efficient Topology Description Function Method Based on Modified Sigmoid Function. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-12.	1.1	2
57	High-Temperature Soup Foods in Plastic Packaging Are Associated with Phthalate Body Burden and Expression of Inflammatory mRNAs: A Dietary Intervention Study. <i>Environmental Science & Technology</i> , 2022, 56, 8416-8427.	10.0	2
58	A posteriori error estimates of spectral method for nonlinear parabolic optimal control problem. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 138.	1.1	1
59	A posteriori error estimates of hp spectral element method for parabolic optimal control problems. <i>AIMS Mathematics</i> , 2022, 7, 5220-5240.	1.6	1
60	Title is missing!. , 2020, 17, e1003027.		0
61	Title is missing!. , 2020, 17, e1003027.		0
62	Title is missing!. , 2020, 17, e1003027.		0
63	Title is missing!. , 2020, 17, e1003027.		0
64	Title is missing!. , 2020, 17, e1003027.		0
65	Title is missing!. , 2020, 17, e1003027.		0