

Wenbin Liu

List of Publications by Year in descending order

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83
papers

2,660
citations

201385

27
h-index

197535

49
g-index

83
all docs

83
docs citations

83
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-convex metafrontier DEA model with natural and managerial disposability for pollutant tax levels and environmental efficiencies analysis. <i>Journal of the Operational Research Society</i> , 2022, 73, 2294-2308.	2.1	1
2	A data envelopment analysis model integrated with portfolio theory for energy mix adjustment: Evidence in the power industry. <i>Socio-Economic Planning Sciences</i> , 2022, 83, 101332.	2.5	5
3	Estimation of portfolio efficiency in nonconvex settings: A free disposal hull estimator with non-increasing returns to scale. <i>Omega</i> , 2022, 111, 102672.	3.6	3
4	Performance Evaluation Model of Short-Term Mutual Funds Based on Return-Variance-Liquidity. <i>Security and Communication Networks</i> , 2022, 2022, 1-12.	1.0	2
5	Parameter uncertainty in estimation of portfolio efficiency: Evidence from an interval diversification-consistent DEA approach. <i>Omega</i> , 2021, 103, 102357.	3.6	12
6	Stochastic leader-follower DEA models for two-stage systems. <i>Journal of Management Science and Engineering</i> , 2021, , .	1.9	5
7	Big data and portfolio optimization: A novel approach integrating DEA with multiple data sources. <i>Omega</i> , 2021, 104, 102479.	3.6	17
8	Behavioral Decision Making in Normative and Descriptive Views: A Critical Review of Literature. <i>Journal of Risk and Financial Management</i> , 2021, 14, 490.	1.1	5
9	A New Multicriteria Decision Making Approach for University Ranking: The Skyline SIR Method. , 2021, , .		0
10	A Weighted Subjective Skyline Approach for World University Ranking Systems. , 2021, , .		1
11	Corrigendum to: A convergent adaptive finite element method for elliptic Dirichlet boundary control problems. <i>IMA Journal of Numerical Analysis</i> , 2020, 40, 800-800.	1.5	1
12	Time-consistent strategies for multi-period mean-variance portfolio optimization with the serially correlated returns. <i>Communications in Statistics - Theory and Methods</i> , 2020, 49, 2831-2868.	0.6	7
13	Environmental efficiency and abatement potential analysis with a two-stage DEA model incorporating the material balance principle. <i>Computers and Industrial Engineering</i> , 2020, 148, 106647.	3.4	21
14	Sustainability assessment of energy production: A critical review of methods, measures and issues. <i>Journal of Environmental Management</i> , 2020, 264, 110464.	3.8	29
15	A convergent adaptive finite element method for elliptic Dirichlet boundary control problems. <i>IMA Journal of Numerical Analysis</i> , 2019, 39, 1985-2015.	1.5	14
16	DEA models with Russell measures. <i>Annals of Operations Research</i> , 2019, 278, 337-359.	2.6	3
17	Time-consistent investment and reinsurance strategies for insurers under multi-period mean-variance formulation with generalized correlated returns. <i>Journal of Management Science and Engineering</i> , 2019, 4, 142-157.	1.9	14
18	Stochastic Galerkin Method for Optimal Control Problem Governed by Random Elliptic PDE with State Constraints. <i>Journal of Scientific Computing</i> , 2019, 78, 1571-1600.	1.1	1

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19	A performance management framework for the public sector: The balanced stakeholder model. <i>Journal of the Operational Research Society</i> , 2019, 70, 568-580.	2.1	8
20	Hierarchical structure and properties of rigid PVC foam crosslinked by the reaction between anhydride and diisocyanate. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46141.	1.3	19
21	Banks efficiency and productivity in Togo after the financial liberalization: a combined Malmquist index approach. <i>Infor</i> , 2018, 56, 317-331.	0.5	3
22	DEA frontier improvement and portfolio rebalancing: An application of China mutual funds on considering sustainability information disclosure. <i>European Journal of Operational Research</i> , 2018, 269, 111-131.	3.5	56
23	Carbon emission performance evaluation and allocation in Chinese cities. <i>Journal of Cleaner Production</i> , 2018, 172, 1254-1272.	4.6	90
24	How relevant is the choice of risk management control variable to non-parametric bank profit efficiency analysis? The case of South Korean banks. <i>Annals of Operations Research</i> , 2017, 250, 105-127.	2.6	28
25	A Priori Error Estimate of Stochastic Galerkin Method for Optimal Control Problem Governed by Random Parabolic PDE with Constrained Control. <i>International Journal of Computational Methods</i> , 2016, 13, 1650028.	0.8	6
26	A Fast Gradient Projection Method for a Constrained Fractional Optimal Control. <i>Journal of Scientific Computing</i> , 2016, 68, 1-20.	1.1	35
27	A Priori Error Estimate of Stochastic Galerkin Method for Optimal Control Problem Governed by Stochastic Elliptic PDE with Constrained Control. <i>Journal of Scientific Computing</i> , 2016, 67, 405-431.	1.1	13
28	A systemic method for organisational stakeholder identification and analysis using Soft Systems Methodology (SSM). <i>European Journal of Operational Research</i> , 2015, 246, 562-574.	3.5	59
29	A mixed multiscale finite element method for convex optimal control problems with oscillating coefficients. <i>Computers and Mathematics With Applications</i> , 2015, 70, 297-313.	1.4	4
30	DEA Models with Undesirable Inputs, Intermediates, and Outputs. <i>Profiles in Operations Research</i> , 2015, , 415-446.	0.3	7
31	Two-stage DEA models with undesirable input-intermediate-outputs. <i>Omega</i> , 2015, 56, 74-87.	3.6	125
32	Interpolated sub-impact factor (SIF) sequences for journal rankings. <i>Journal of Informetrics</i> , 2015, 9, 907-914.	1.4	2
33	Sharp A Posteriori Error Estimates for Optimal Control Governed by Parabolic Integro-Differential Equations. <i>Journal of Scientific Computing</i> , 2015, 65, 1-33.	1.1	18
34	Estimation of portfolio efficiency via DEA. <i>Omega</i> , 2015, 52, 107-118.	3.6	61
35	Introducing sub-impact factor (SIF-) sequences and an aggregated SIF-indicator for journal ranking. <i>Scientometrics</i> , 2015, 102, 1577-1593.	1.6	13
36	A FUZZY NON-RADIAL DATA ENVELOPMENT ANALYSIS (DEA) APPROACH TO MEASURE REGIONAL ENVIRONMENTAL PERFORMANCE OF CHINA. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 719-730.	0.2	2

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37	Game Cross Efficiency for Systems with Two-Stage Structures. Journal of Applied Mathematics, 2014, 2014, 1-8.	0.4	9
38	Extended utility and DEA models without explicit input. Journal of the Operational Research Society, 2014, 65, 1212-1220.	2.1	28
39	Performance Evaluation of Portfolios with Margin Requirements. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	10
40	Rigid cross-linked PVC foams with high shear properties: The relationship between mechanical properties and chemical structure of the matrix. Composites Science and Technology, 2014, 97, 74-80.	3.8	30
41	Adaptive Finite Element Approximation for an Elliptic Optimal Control Problem with Both Pointwise and Integral Control Constraints. Journal of Scientific Computing, 2014, 60, 160-183.	1.1	7
42	A Priori Error Estimates of Finite Element Methods for Linear Parabolic Integro-Differential Optimal Control Problems. Advances in Applied Mathematics and Mechanics, 2014, 6, 552-569.	0.7	3
43	A bargaining game model for efficiency decomposition in the centralized model of two-stage systems. Computers and Industrial Engineering, 2013, 64, 103-108.	3.4	63
44	Further study of production possibility set and performance evaluation model in supply chain DEA. Annals of Operations Research, 2013, 206, 585-592.	2.6	10
45	Game Perspectives of DEA Models and Their Duals. Journal of Applied Mathematics, 2013, 2013, 1-7.	0.4	1
46	Fuzzy data envelopment analysis models with assurance regions: A note. Expert Systems With Applications, 2012, 39, 2227-2231.	4.4	12
47	Performance impact of research policy at the Chinese Academy of Sciences. Research Policy, 2011, 40, 875-885.	3.3	38
48	A Legendre-Galerkin Spectral Method for Optimal Control Problems Governed by Stokes Equations. SIAM Journal on Numerical Analysis, 2011, 49, 1625-1648.	1.1	35
49	Error Estimates and Superconvergence of Mixed Finite Element Methods for Convex Optimal Control Problems. Journal of Scientific Computing, 2010, 42, 382-403.	1.1	79
50	A comment on "A comment on "A fuzzy DEA/AR approach to the selection of flexible manufacturing systems" and "A fuzzy DEA/AR approach to the selection of flexible manufacturing systems". Computers and Industrial Engineering, 2010, 59, 1019-1021.	3.4	15
51	Finite Element Approximations of an Optimal Control Problem with Integral State Constraint. SIAM Journal on Numerical Analysis, 2010, 48, 1163-1185.	1.1	39
52	Adaptive Finite Element Approximation for a Constrained Optimal Control Problem via Multi-meshes. Journal of Scientific Computing, 2009, 41, 238-255.	1.1	14
53	Local A Posteriori Error Estimates for Convex Boundary Control Problems. SIAM Journal on Numerical Analysis, 2009, 47, 1886-1908.	1.1	22
54	Adaptive finite element methods for the identification of distributed parameters in elliptic equation. Advances in Computational Mathematics, 2008, 29, 27-53.	0.8	25

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55	A posteriori error estimates of mixed methods for miscible displacement problems. International Journal for Numerical Methods in Engineering, 2008, 73, 331-343.	1.5	4
56	A posteriori error estimates for mixed finite element solutions of convex optimal control problems. Journal of Computational and Applied Mathematics, 2008, 211, 76-89.	1.1	78
57	Two-level DEA approaches in research evaluation. Omega, 2008, 36, 950-957.	3.6	87
58	A Legendre Galerkin Spectral Method for Optimal Control Problems Governed by Elliptic Equations. SIAM Journal on Numerical Analysis, 2008, 46, 2254-2275.	1.1	99
59	Preconditioned Descent Algorithms for p-Laplacian. Journal of Scientific Computing, 2007, 32, 343-371.	1.1	43
60	A Posteriori Error Estimates of Recovery Type for Distributed Convex Optimal Control Problems. Journal of Scientific Computing, 2007, 33, 155-182.	1.1	58
61	A Posteriori Error Estimates for Finite Element Approximation of Parabolic p-Laplacian. SIAM Journal on Numerical Analysis, 2006, 43, 2294-2319.	1.1	12
62	Efficiency evaluation of basic research in China. Scientometrics, 2006, 69, 85-101.	1.6	37
63	Adaptive Finite Element Methods for the Identification of Elastic Constants. Journal of Scientific Computing, 2006, 26, 217-235.	1.1	7
64	Preference, Production and Performance in Data Envelopment Analysis. Annals of Operations Research, 2006, 145, 105-127.	2.6	27
65	A Posteriori Error Estimates for Discontinuous Galerkin Time-Stepping Method for Optimal Control Problems Governed by Parabolic Equations. SIAM Journal on Numerical Analysis, 2004, 42, 1032-1061.	1.1	61
66	A posteriori error estimates for optimal control problems governed by parabolic equations. Numerische Mathematik, 2003, 93, 497-521.	0.9	114
67	A posteriori error estimates for control problems governed by nonlinear elliptic equations. Applied Numerical Mathematics, 2003, 47, 173-187.	1.2	43
68	Adaptive Finite Element Approximation for Distributed Elliptic Optimal Control Problems. SIAM Journal on Control and Optimization, 2002, 41, 1321-1349.	1.1	216
69	A Posteriori Error Estimates for Control Problems Governed by Stokes Equations. SIAM Journal on Numerical Analysis, 2002, 40, 1850-1869.	1.1	94
70	On Quasi-Norm Interpolation Error Estimation And A Posteriori Error Estimates for p-Laplacian. SIAM Journal on Numerical Analysis, 2002, 40, 1870-1895.	1.1	22
71	A Posteriori Error Estimates for Convex Boundary Control Problems. SIAM Journal on Numerical Analysis, 2001, 39, 73-99.	1.1	108
72	Quasi-Norm Local Error Estimators for p-Laplacian. SIAM Journal on Numerical Analysis, 2001, 39, 100-127.	1.1	53

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73	Quasi-norm a priori and a posteriori error estimates for the nonconforming approximation of p-Laplacian. Numerische Mathematik, 2001, 89, 341-378.	0.9	27
74	A Posteriori Error Estimates for Distributed Convex Optimal Control Problems. Advances in Computational Mathematics, 2001, 15, 285-309.	0.8	174
75	On Mixed Error Estimates for Elliptic Obstacle Problems. Advances in Computational Mathematics, 2001, 15, 261-283.	0.8	8
76	Title is missing!. Journal of Scientific Computing, 2001, 16, 435-477.	1.1	4
77	ERROR ESTIMATES IN THE APPROXIMATION OF OPTIMIZATION PROBLEMS GOVERNED BY NONLINEAR OPERATORS. Numerical Functional Analysis and Optimization, 2001, 22, 953-972.	0.6	47
78	Recent Advances in Mesh Adaptivity for Optimal Control Problems. , 2001, , 154-166.		2
79	A posteriori error estimates for some model boundary control problems. Journal of Computational and Applied Mathematics, 2000, 120, 159-173.	1.1	26
80	A Posteriori Error Estimators for a Class of Variational Inequalities. Journal of Scientific Computing, 2000, 15, 361-393.	1.1	31
81	Finite element approximation of a nonlinear elliptic equation arising from bimaterial problems in elastic-plastic mechanics. Numerische Mathematik, 2000, 86, 491-506.	0.9	11
82	DEA Models via Goal Programming. , 1999, , 79-101.		28
83	Optimality conditions for strongly monotone variational inequalities. Applied Mathematics and Optimization, 1993, 27, 291-312.	0.8	9