

Guohe Huang

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100
g-index

1,089
ext. papers

28,298
ext. citations

5.8
avg, IF

7.7
L-index

#	Paper	IF	Citations
1036	AN INEXACT TWO-STAGE STOCHASTIC PROGRAMMING MODEL FOR WATER RESOURCES MANAGEMENT UNDER UNCERTAINTY. <i>Civil Engineering and Environmental Systems</i> , 2000 , 17, 95-118	2.1	409
1035	A GREY LINEAR PROGRAMMING APPROACH FOR MUNICIPAL SOLID WASTE MANAGEMENT PLANNING UNDER UNCERTAINTY. <i>Civil Engineering and Environmental Systems</i> , 1992 , 9, 319-335		383
1034	A hybrid inexact-stochastic water management model. <i>European Journal of Operational Research</i> , 1998 , 107, 137-158	5.6	268
1033	Optimization of conversion of waste rapeseed oil with high FFA to biodiesel using response surface methodology. <i>Renewable Energy</i> , 2008 , 33, 1678-1684	8.1	227
1032	An interval-parameter multi-stage stochastic programming model for water resources management under uncertainty. <i>Advances in Water Resources</i> , 2006 , 29, 776-789	4.7	215
1031	Identification of optimal strategies for energy management systems planning under multiple uncertainties. <i>Applied Energy</i> , 2009 , 86, 480-495	10.7	213
1030	Emerging usage of electrocoagulation technology for oil removal from wastewater: A review. <i>Science of the Total Environment</i> , 2017 , 579, 537-556	10.2	211
1029	IPWM: AN INTERVAL PARAMETER WATER QUALITY MANAGEMENT MODEL. <i>Engineering Optimization</i> , 1996 , 26, 79-103	2	200
1028	A system dynamics approach for regional environmental planning and management: a study for the Lake Erhai Basin. <i>Journal of Environmental Management</i> , 2001 , 61, 93-111	7.9	193
1027	Integrated soil and plant phosphorus management for crop and environment in China. A review. <i>Plant and Soil</i> , 2011 , 349, 157-167	4.2	185
1026	Community-scale renewable energy systems planning under uncertainty: An interval chance-constrained programming approach. <i>Renewable and Sustainable Energy Reviews</i> , 2009 , 13, 721-735	16.2	170
1025	An integrated multi-criteria decision analysis and inexact mixed integer linear programming approach for solid waste management. <i>Engineering Applications of Artificial Intelligence</i> , 2003 , 16, 543-554	7.2	159
1024	An Interval-Parameter Fuzzy-Stochastic Programming Approach for Municipal Solid Waste Management and Planning. <i>Environmental Modeling and Assessment</i> , 2001 , 6, 271-283	2	157
1023	Frequency, immunogenetics, and clinical characteristics of latent autoimmune diabetes in China (LADA China study): a nationwide, multicenter, clinic-based cross-sectional study. <i>Diabetes</i> , 2013 , 62, 543-50	0.9	153
1022	Grey linear programming, its solving approach, and its application. <i>International Journal of Systems Science</i> , 1993 , 24, 159-172	2.3	146
1021	A study on DEM-derived primary topographic attributes for hydrologic applications: Sensitivity to elevation data resolution. <i>Applied Geography</i> , 2008 , 28, 210-223	4.4	143
1020	The Perspectives of Environmental Informatics and Systems Analysis. <i>Journal of Environmental Informatics</i> , 2003 , 1, 1-7	3	137

1019	Optimization of wastewater treatment alternative selection by hierarchy grey relational analysis. <i>Journal of Environmental Management</i> , 2007 , 82, 250-9	7.9	130
1018	A multistage fuzzy-stochastic programming model for supporting sustainable water-resources allocation and management. <i>Environmental Modelling and Software</i> , 2009 , 24, 786-797	5.2	129
1017	A fuzzy-stochastic robust programming model for regional air quality management under uncertainty. <i>Engineering Optimization</i> , 2003 , 35, 177-199	2	123
1016	Hardness, COD and turbidity removals from produced water by electrocoagulation pretreatment prior to Reverse Osmosis membranes. <i>Desalination</i> , 2014 , 344, 454-462	10.3	121
1015	IFRP: a hybrid interval-parameter fuzzy robust programming approach for waste management planning under uncertainty. <i>Journal of Environmental Management</i> , 2007 , 84, 1-11	7.9	119
1014	Microbial community succession and lignocellulose degradation during agricultural waste composting. <i>Biodegradation</i> , 2007 , 18, 793-802	4.1	118
1013	An interval-parameter fuzzy nonlinear optimization model for stream water quality management under uncertainty. <i>European Journal of Operational Research</i> , 2007 , 180, 1331-1357	5.6	114
1012	Aerobic degradation of bisphenol A by <i>Achromobacter xylosoxidans</i> strain B-16 isolated from compost leachate of municipal solid waste. <i>Chemosphere</i> , 2007 , 68, 181-90	8.4	110
1011	Barriers to sustainable water-quality management. <i>Journal of Environmental Management</i> , 2001 , 61, 1-23	7.9	105
1010	Cadmium removal from simulated wastewater to biomass byproduct of <i>Lentinus edodes</i> . <i>Bioresource Technology</i> , 2008 , 99, 7034-40	11	103
1009	Identification of optimal strategies for improving eco-resilience to floods in ecologically vulnerable regions of a wetland. <i>Ecological Modelling</i> , 2011 , 222, 360-369	3	100
1008	Land allocation based on integrated GIS-optimization modeling at a watershed level. <i>Landscape and Urban Planning</i> , 2004 , 66, 61-74	7.7	100
1007	ITCLP: An inexact two-stage chance-constrained program for planning waste management systems. <i>Resources, Conservation and Recycling</i> , 2007 , 49, 284-307	11.9	98
1006	Adsorption behavior of bisphenol A on sediments in Xiangjiang River, Central-south China. <i>Chemosphere</i> , 2006 , 65, 1490-9	8.4	98
1005	Grey fuzzy integer programming: An application to regional waste management planning under uncertainty. <i>Socio-Economic Planning Sciences</i> , 1995 , 29, 17-38	3.7	95
1004	An optimization-model-based interactive decision support system for regional energy management systems planning under uncertainty. <i>Expert Systems With Applications</i> , 2009 , 36, 3470-3482	7.8	93
1003	A MCDM-based expert system for climate-change impact assessment and adaptation planning [A case study for the Georgia Basin, Canada. <i>Expert Systems With Applications</i> , 2008 , 34, 2164-2179	7.8	92
1002	An inexact two-stage water management model for planning agricultural irrigation under uncertainty. <i>Agricultural Water Management</i> , 2010 , 97, 1905-1914	5.9	91

1001	A two-stage inexact-stochastic programming model for planning carbon dioxide emission trading under uncertainty. <i>Applied Energy</i> , 2010 , 87, 1033-1047	10.7	90
1000	A derivative algorithm for inexact quadratic program application to environmental decision-making under uncertainty. <i>European Journal of Operational Research</i> , 2001 , 128, 570-586	5.6	86
999	Planning regional energy system in association with greenhouse gas mitigation under uncertainty. <i>Applied Energy</i> , 2011 , 88, 599-611	10.7	85
998	An integrated scenario-based multi-criteria decision support system for water resources management and planning A case study in the Haihe River Basin. <i>Expert Systems With Applications</i> , 2010 , 37, 8242-8254	7.8	84
997	Planning of community-scale renewable energy management systems in a mixed stochastic and fuzzy environment. <i>Renewable Energy</i> , 2009 , 34, 1833-1847	8.1	82
996	ITOM: an interval-parameter two-stage optimization model for stochastic planning of water resources systems. <i>Stochastic Environmental Research and Risk Assessment</i> , 2005 , 19, 125-133	3.5	82
995	An inexact rough-interval fuzzy linear programming method for generating conjunctive water-allocation strategies to agricultural irrigation systems. <i>Applied Mathematical Modelling</i> , 2011 , 35, 4330-4340	4.5	81
994	GREY QUADRATIC PROGRAMMING AND ITS APPLICATION TO MUNICIPAL SOLID WASTE MANAGEMENT PLANNING UNDER UNCERTAINTY. <i>Engineering Optimization</i> , 1995 , 23, 201-223	2	80
993	Inexact multistage stochastic integer programming for water resources management under uncertainty. <i>Journal of Environmental Management</i> , 2008 , 88, 93-107	7.9	79
992	Development of an artificial neural network model for predicting minimum miscibility pressure in CO ₂ flooding. <i>Journal of Petroleum Science and Engineering</i> , 2003 , 37, 83-95	4.4	79
991	Land use regression models coupled with meteorology to model spatial and temporal variability of NO ₂ and PM ₁₀ in Changsha, China. <i>Atmospheric Environment</i> , 2015 , 116, 272-280	5.3	78
990	Probabilistic assessment of remote sensing-based terrestrial vegetation vulnerability to drought stress of the Loess Plateau in China. <i>Remote Sensing of Environment</i> , 2019 , 232, 111290	13.2	78
989	A Review on Optimization Modeling of Energy Systems Planning and GHG Emission Mitigation under Uncertainty. <i>Energies</i> , 2011 , 4, 1624-1656	3.1	78
988	Tribological study on hydrostatic slipper bearing with annular orifice damper for water hydraulic axial piston motor. <i>Tribology International</i> , 2006 , 39, 1342-1354	4.9	77
987	Removal of sulfonated humic acid from aqueous phase by modified coal fly ash waste: Equilibrium and kinetic adsorption studies. <i>Fuel</i> , 2016 , 165, 264-271	7.1	76
986	Co-degradation with glucose of four surfactants, CTAB, Triton X-100, SDS and Rhamnolipid, in liquid culture media and compost matrix. <i>Biodegradation</i> , 2007 , 18, 303-10	4.1	76
985	Removal of Tetrabromobisphenol A by adsorption on pinecone-derived activated charcoals: Synchrotron FTIR, kinetics and surface functionality analyses. <i>Bioresource Technology</i> , 2018 , 247, 812-820 ¹¹		75
984	Planning water resources management systems using a fuzzy-boundary interval-stochastic programming method. <i>Advances in Water Resources</i> , 2010 , 33, 1105-1117	4.7	75

983	Energy and environmental systems planning under uncertainty: An inexact fuzzy-stochastic programming approach. <i>Applied Energy</i> , 2010 , 87, 3189-3211	10.7	75
982	Municipal Solid Waste Management Under Uncertainty: A Mixed Interval Parameter Fuzzy-Stochastic Robust Programming Approach. <i>Environmental Engineering Science</i> , 2007 , 24, 338-352	2	75
981	An inexact two-stage mixed integer linear programming method for solid waste management in the City of Regina. <i>Journal of Environmental Management</i> , 2006 , 81, 188-209	7.9	75
980	An inexact optimization modeling approach for supporting energy systems planning and air pollution mitigation in Beijing city. <i>Energy</i> , 2012 , 37, 673-688	7.9	74
979	Radial interval chance-constrained programming for agricultural non-point source water pollution control under uncertainty. <i>Agricultural Water Management</i> , 2011 , 98, 1595-1606	5.9	72
978	Mixed interval fuzzy two-stage integer programming and its application to flood-diversion planning. <i>Engineering Optimization</i> , 2007 , 39, 163-183	2	72
977	SLFP: a stochastic linear fractional programming approach for sustainable waste management. <i>Waste Management</i> , 2011 , 31, 2612-9	8.6	71
976	Composting of lead-contaminated solid waste with inocula of white-rot fungus. <i>Bioresource Technology</i> , 2007 , 98, 320-6	11	71
975	Regional-scale electric power system planning under uncertainty: A multistage interval-stochastic integer linear programming approach. <i>Energy Policy</i> , 2010 , 38, 475-490	7.2	70
974	Removal of Cd ²⁺ from synthetic wastewater using micellar-enhanced ultrafiltration with hollow fiber membrane. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 294, 140-146	5.1	70
973	IFMP: Interval-fuzzy multistage programming for water resources management under uncertainty. <i>Resources, Conservation and Recycling</i> , 2008 , 52, 800-812	11.9	70
972	A multi-level Taguchi-factorial two-stage stochastic programming approach for characterization of parameter uncertainties and their interactions: An application to water resources management. <i>European Journal of Operational Research</i> , 2015 , 240, 572-581	5.6	69
971	Emerging N-nitrosamines and N-nitramines from amine-based post-combustion CO ₂ capture: A review. <i>Chemical Engineering Journal</i> , 2018 , 335, 921-935	14.7	69
970	Microbial-growth inhibition during composting of food waste: effects of organic acids. <i>Bioresource Technology</i> , 2010 , 101, 5925-34	11	68
969	Development of distributed time-variant gain model for nonlinear hydrological systems. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 713-723		68
968	Analysis of Solution Methods for Interval Linear Programming. <i>Journal of Environmental Informatics</i> , 2011 , 17, 54-64	3	68
967	Two-stage fuzzy chance-constrained programming: application to water resources management under dual uncertainties. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 349-359	3.5	67
966	Water Quality Index: A Fuzzy River-Pollution Decision Support Expert System. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2007 , 133, 95-105	2.8	67

965	A two-stage support-vector-regression optimization model for municipal solid waste management - a case study of Beijing, China. <i>Journal of Environmental Management</i> , 2011 , 92, 3023-37	7.9	66
964	Removal of Tannin from Aqueous Solution by Adsorption onto Treated Coal Fly Ash: Kinetic, Equilibrium, and Thermodynamic Studies. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 15923-15931	3.9	65
963	Fuzzy-stochastic-based violation analysis method for planning water resources management systems with uncertain information. <i>Information Sciences</i> , 2009 , 179, 4261-4276	7.7	65
962	An integrated optimization approach and multi-criteria decision analysis for supporting the waste-management system of the City of Beijing, China. <i>Engineering Applications of Artificial Intelligence</i> , 2010 , 23, 620-631	7.2	65
961	Capacity Planning for an Integrated Waste Management System Under Uncertainty: a North American Case Study. <i>Waste Management and Research</i> , 1997 , 15, 523-546	4	65
960	An interval-parameter minimax regret programming approach for power management systems planning under uncertainty. <i>Applied Energy</i> , 2011 , 88, 2835-2845	10.7	64
959	Effect of short-chain organic acids and pH on the behaviors of pyrene in soil-water system. <i>Chemosphere</i> , 2010 , 81, 1423-9	8.4	64
958	Simulation-based process optimization for surfactant-enhanced aquifer remediation at heterogeneous DNAPL-contaminated sites. <i>Science of the Total Environment</i> , 2007 , 381, 17-37	10.2	64
957	Inexact two-stage stochastic credibility constrained programming for water quality management. <i>Resources, Conservation and Recycling</i> , 2013 , 73, 122-132	11.9	63
956	Assessment of non-point source pollution using a spatial multicriteria analysis approach. <i>Ecological Modelling</i> , 2011 , 222, 313-321	3	63
955	Anaerobic digestion of livestock manure in cold regions: Technological advancements and global impacts. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 119, 109494	16.2	63
954	Newly designed primer pair revealed dominant and diverse comammox amoA gene in full-scale wastewater treatment plants. <i>Bioresource Technology</i> , 2018 , 270, 580-587	11	63
953	How a carbon tax will affect an emission-intensive economy: A case study of the Province of Saskatchewan, Canada. <i>Energy</i> , 2018 , 159, 817-826	7.9	63
952	An inexact stochastic-fuzzy optimization model for agricultural water allocation and land resources utilization management under considering effective rainfall. <i>Ecological Indicators</i> , 2018 , 92, 301-311	5.8	62
951	An interval-parameter waste-load-allocation model for river water quality management under uncertainty. <i>Environmental Management</i> , 2009 , 43, 999-1012	3.1	62
950	An Inexact Two-stage Fuzzy-stochastic Programming Model for Water Resources Management. <i>Water Resources Management</i> , 2008 , 22, 991-1016	3.7	62
949	Biodegradation of polycyclic aromatic hydrocarbons in the natural waters of the Yellow River: effects of high sediment content on biodegradation. <i>Chemosphere</i> , 2006 , 65, 457-66	8.4	62
948	Simulation and optimization technologies for petroleum waste management and remediation process control. <i>Journal of Environmental Management</i> , 2009 , 90, 54-76	7.9	61

947	Development of an interval-valued fuzzy linear-programming method based on infinite cuts for water resources management. <i>Environmental Modelling and Software</i> , 2010 , 25, 354-361	5.2	60
946	Copulas-based risk analysis for inter-seasonal combinations of wet and dry conditions under a changing climate. <i>International Journal of Climatology</i> , 2019 , 39, 2005-2021	3.5	60
945	Adsorption of anionic azo dyes from aqueous solution on cationic gemini surfactant-modified flax shives: Synchrotron infrared, optimization and modeling studies. <i>Journal of Cleaner Production</i> , 2018 , 172, 1986-1997	10.3	60
944	A simulation-based fuzzy chance-constrained programming model for optimal groundwater remediation under uncertainty. <i>Advances in Water Resources</i> , 2008 , 31, 1622-1635	4.7	59
943	A stepwise cluster analysis approach for downscaled climate projection –A Canadian case study. <i>Environmental Modelling and Software</i> , 2013 , 49, 141-151	5.2	57
942	A two-stage fuzzy robust integer programming approach for capacity planning of environmental management systems. <i>European Journal of Operational Research</i> , 2008 , 189, 399-420	5.6	57
941	A neural network predictive control system for paper mill wastewater treatment. <i>Engineering Applications of Artificial Intelligence</i> , 2003 , 16, 121-129	7.2	56
940	Incorporation of Inexact Dynamic Optimization with Fuzzy Relation Analysis for Integrated Climate Change Impact Study. <i>Journal of Environmental Management</i> , 1996 , 48, 45-68	7.9	56
939	Examining the applicability of different sampling techniques in the development of decomposition-based streamflow forecasting models. <i>Journal of Hydrology</i> , 2019 , 568, 534-550	6	56
938	Planning of energy system management and GHG-emission control in the Municipality of Beijing –An inexact-dynamic stochastic programming model. <i>Energy Policy</i> , 2009 , 37, 4463-4473	7.2	55
937	IFTEM: An interval-fuzzy two-stage stochastic optimization model for regional energy systems planning under uncertainty. <i>Energy Policy</i> , 2009 , 37, 868-878	7.2	55
936	Modeling the effects of elevation data resolution on the performance of topography-based watershed runoff simulation. <i>Environmental Modelling and Software</i> , 2007 , 22, 1250-1260	5.2	55
935	Treatment of rural domestic wastewater using multi-soil-layering systems: Performance evaluation, factorial analysis and numerical modeling. <i>Science of the Total Environment</i> , 2018 , 644, 536-546	10.2	54
934	An interval full-infinite mixed-integer programming method for planning municipal energy systems –A case study of Beijing. <i>Applied Energy</i> , 2011 , 88, 2846-2862	10.7	54
933	A two-stage programming approach for water resources management under randomness and fuzziness. <i>Environmental Modelling and Software</i> , 2010 , 25, 1573-1581	5.2	54
932	Nitrification in natural waters with high suspended-solid content –a study for the Yellow River. <i>Chemosphere</i> , 2004 , 57, 1017-29	8.4	54
931	Abundance and community composition of comammox bacteria in different ecosystems by a universal primer set. <i>Science of the Total Environment</i> , 2019 , 691, 146-155	10.2	53
930	An integrated approach for climate-change impact analysis and adaptation planning under multi-level uncertainties. Part I: Methodology. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 2779-2790	16.2	53

929	Development of an optimization model for energy systems planning in the Region of Waterloo. <i>International Journal of Energy Research</i> , 2008 , 32, 988-1005	4.5	53
928	Modeling of substrate degradation and oxygen consumption in waste composting processes. <i>Waste Management</i> , 2008 , 28, 1375-85	8.6	53
927	Comparison of interpolation methods for estimating spatial distribution of precipitation in Ontario, Canada. <i>International Journal of Climatology</i> , 2014 , 34, 3745-3751	3.5	52
926	Interactive two-stage stochastic fuzzy programming for water resources management. <i>Journal of Environmental Management</i> , 2011 , 92, 1986-95	7.9	52
925	An interval-parameter two-stage stochastic integer programming model for environmental systems planning under uncertainty. <i>Engineering Optimization</i> , 2006 , 38, 461-483	2	52
924	Regional planning of new-energy systems within multi-period and multi-option contexts: A case study of Fengtai, Beijing, China. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 65, 356-372	16.2	51
923	Investigation of public perception towards rural sustainable development based on a two-level expert system. <i>Expert Systems With Applications</i> , 2009 , 36, 8910-8924	7.8	51
922	An Inexact Chance-constrained Quadratic Programming Model for Stream Water Quality Management. <i>Water Resources Management</i> , 2009 , 23, 661-695	3.7	51
921	Fuzzy Relation Analysis for Multicriteria Water Resources Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1999 , 125, 41-47	2.8	51
920	A stepwise cluster analysis method for predicting air quality in an urban environment. <i>Atmospheric Environment Part B Urban Atmosphere</i> , 1992 , 26, 349-357		51
919	Environmentally-extended input-output simulation for analyzing production-based and consumption-based industrial greenhouse gas mitigation policies. <i>Applied Energy</i> , 2018 , 232, 69-78	10.7	51
918	Switchable heat transfer mechanisms of nucleation and convection by wettability match of evaporator and condenser for heat pipes: Nano-structured surface effect. <i>Nano Energy</i> , 2017 , 38, 313-325	17.1	50
917	Robust planning of energy management systems with environmental and constraint-conservative considerations under multiple uncertainties. <i>Energy Conversion and Management</i> , 2013 , 65, 471-486	10.6	50
916	Multistage scenario-based interval-stochastic programming for planning water resources allocation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 781-792	3.5	50
915	An inexact dynamic optimization model for municipal solid waste management in association with greenhouse gas emission control. <i>Journal of Environmental Management</i> , 2009 , 90, 396-409	7.9	50
914	SRCCP: A stochastic robust chance-constrained programming model for municipal solid waste management under uncertainty. <i>Resources, Conservation and Recycling</i> , 2009 , 53, 352-363	11.9	50
913	IPEM: An Interval-parameter Energy Systems Planning Model. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2008 , 30, 1382-1399	1.6	50
912	An interval nonlinear program for the planning of waste management systems with economies-of-scale effects: A case study for the region of Hamilton, Ontario, Canada. <i>European Journal of Operational Research</i> , 2006 , 171, 349-372	5.6	50

911	Plasma-induced PAA-ZnO coated PVDF membrane for oily wastewater treatment: Preparation, optimization, and characterization through Taguchi OA design and synchrotron-based X-ray analysis. <i>Journal of Membrane Science</i> , 2019 , 582, 70-82	9.6	49
910	Maximum entropy-Gumbel-Hougaard copula method for simulation of monthly streamflow in Xiangxi river, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 833-846	3.5	49
909	Hydrologic risk analysis in the Yangtze River basin through coupling Gaussian mixtures into copulas. <i>Advances in Water Resources</i> , 2016 , 88, 170-185	4.7	49
908	Performance of ceramic disk filter coated with nano ZnO for removing Escherichia coli from water in small rural and remote communities of developing regions. <i>Environmental Pollution</i> , 2018 , 238, 52-62	9.3	48
907	An inexact two-stage stochastic robust programming for residential micro-grid management-based on random demand. <i>Energy</i> , 2014 , 67, 186-199	7.9	48
906	Electric-power systems planning and greenhouse-gas emission management under uncertainty. <i>Energy Conversion and Management</i> , 2012 , 57, 173-182	10.6	48
905	Planning carbon emission trading for Beijing's electric power systems under dual uncertainties. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 23, 113-128	16.2	48
904	Waste management with recourse: an inexact dynamic programming model containing fuzzy boundary intervals in objectives and constraints. <i>Journal of Environmental Management</i> , 2010 , 91, 1898-1913	7.9	48
903	Development of a forecasting system for supporting remediation design and process control based on NAPL-biodegradation simulation and stepwise-cluster analysis. <i>Water Resources Research</i> , 2006 , 42,	5.4	48
902	An evaluation of grid size uncertainty in empirical soil loss modeling with digital elevation models. <i>Environmental Modeling and Assessment</i> , 2005 , 10, 33-42	2	48
901	A dynamic optimization approach for nonrenewable energy resources management under uncertainty. <i>Journal of Petroleum Science and Engineering</i> , 2000 , 26, 301-309	4.4	48
900	Scenario analysis of carbon emissions' anti-driving effect on Qingdao's energy structure adjustment with an optimization model, Part I: Carbon emissions peak value prediction. <i>Journal of Cleaner Production</i> , 2018 , 172, 466-474	10.3	48
899	A factorial ecologically-extended input-output model for analyzing urban GHG emissions metabolism system. <i>Journal of Cleaner Production</i> , 2018 , 200, 922-933	10.3	47
898	Planning of regional energy systems: An inexact mixed-integer fractional programming model. <i>Applied Energy</i> , 2014 , 113, 500-514	10.7	47
897	An inexact chance-constrained programming model for water quality management in Binhai New Area of Tianjin, China. <i>Science of the Total Environment</i> , 2011 , 409, 1757-73	10.2	47
896	Water Resources Management and Planning under Uncertainty: an Inexact Multistage Joint-Probabilistic Programming Method. <i>Water Resources Management</i> , 2009 , 23, 2515-2538	3.7	47
895	An interval-parameter stochastic robust optimization model for supporting municipal solid waste management under uncertainty. <i>Waste Management</i> , 2010 , 30, 316-27	8.6	47
894	Application of a by-product of <i>Lentinus edodes</i> to the bioremediation of chromate contaminated water. <i>Journal of Hazardous Materials</i> , 2006 , 135, 249-55	12.8	47

893	Assessment of parameter uncertainty in hydrological model using a Markov-Chain-Monte-Carlo-based multilevel-factorial-analysis method. <i>Journal of Hydrology</i> , 2016 , 538, 471-486	6	47
892	An interval-valued fuzzy-stochastic programming approach and its application to municipal solid waste management. <i>Environmental Modelling and Software</i> , 2012 , 29, 24-36	5.2	46
891	Generalized fuzzy linear programming for decision making under uncertainty: Feasibility of fuzzy solutions and solving approach. <i>Information Sciences</i> , 2013 , 241, 12-27	7.7	46
890	An inexact fuzzy-chance-constrained two-stage mixed-integer linear programming approach for flood diversion planning under multiple uncertainties. <i>Advances in Water Resources</i> , 2010 , 33, 81-91	4.7	46
889	Inexact Two-Stage Stochastic Robust Optimization Model for Water Resources Management Under Uncertainty. <i>Environmental Engineering Science</i> , 2009 , 26, 1765-1776	2	46
888	Two-stage planning for sustainable water-quality management under uncertainty. <i>Journal of Environmental Management</i> , 2009 , 90, 2402-13	7.9	46
887	A fuzzy decision aid model for environmental performance assessment in waste recycling. <i>Environmental Modelling and Software</i> , 2008 , 23, 677-689	5.2	46
886	IFTSIP: interval fuzzy two-stage stochastic mixed-integer linear programming: a case study for environmental management and planning. <i>Civil Engineering and Environmental Systems</i> , 2006 , 23, 73-99	2.1	46
885	Inter-regional carbon flows embodied in electricity transmission: network simulation for energy-carbon nexus. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 118, 109511	16.2	46
884	Insights into the Toxicity of Triclosan to Green Microalga <i>Chlorococccum</i> sp. Using Synchrotron-Based Fourier Transform Infrared Spectromicroscopy: Biophysiological Analyses and Roles of Environmental Factors. <i>Environmental Science & Technology</i> , 2018 , 52, 2295-2306	10.3	45
883	Crop planning and water resource allocation for sustainable development of an irrigation region in China under multiple uncertainties. <i>Agricultural Water Management</i> , 2016 , 166, 53-69	5.9	45
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