

# Dongjie Guan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6155421/publications.pdf>

Version: 2024-02-01

30  
papers

1,233  
citations

566801

15  
h-index

454577

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling urban land use change by the integration of cellular automaton and Markov model. <i>Ecological Modelling</i> , 2011, 222, 3761-3772.	1.2	457
2	Modeling and dynamic assessment of urban economyâ€™resourceâ€™environment system with a coupled system dynamics â€™ geographic information system model. <i>Ecological Indicators</i> , 2011, 11, 1333-1344.	2.6	153
3	Land use change of Kitakyushu based on landscape ecology and Markov model. <i>Journal of Chinese Geography</i> , 2008, 18, 455-468.	1.5	96
4	Dynamic simulation of land use change based on logistic-CA-Markov and WLC-CA-Markov models: a case study in three gorges reservoir area of Chongqing, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20669-20688.	2.7	67
5	Dynamic assessment and forecast of urban water ecological footprint based on exponential smoothing analysis. <i>Journal of Cleaner Production</i> , 2018, 195, 354-364.	4.6	58
6	Evaluation of the cultural ecosystem services of wetland park. <i>Ecological Indicators</i> , 2020, 114, 106286.	2.6	52
7	Does the urban sprawl matter in Yangtze River Economic Belt, China? An integrated analysis with urban sprawl index and one scenario analysis model. <i>Cities</i> , 2020, 99, 102611.	2.7	47
8	Urban cooling island effect of main river on a landscape scale in Chongqing, China. <i>Sustainable Cities and Society</i> , 2019, 47, 101501.	5.1	42
9	Quantitative identification and evolution trend simulation of shrinking cities at the county scale, China. <i>Sustainable Cities and Society</i> , 2021, 65, 102611.	5.1	39
10	Quantification of the coupling relationship between ecological compensation and ecosystem services in the Yangtze River Economic Belt, China. <i>Land Use Policy</i> , 2022, 114, 105995.	2.5	25
11	Integrated assessment and scenarios simulation of water security system in Japan. <i>Science of the Total Environment</i> , 2019, 671, 1269-1281.	3.9	24
12	Achieving Urban Water Security: a Review of Water Management Approach from Technology Perspective. <i>Water Resources Management</i> , 2020, 34, 4163-4179.	1.9	23
13	Sensitivity assessment and simulation of water resource security in karst areas within the context of hydroclimate change. <i>Journal of Cleaner Production</i> , 2020, 258, 120994.	4.6	23
14	Integrated assessment and scenarios simulation of urban water security system in the southwest of China with system dynamics analysis. <i>Water Science and Technology</i> , 2017, 76, 2255-2267.	1.2	20
15	A study on the optimal path of methane emissions reductions in a municipal solid waste landfill treatment based on the IPCC-SD model. <i>Journal of Cleaner Production</i> , 2019, 222, 252-266.	4.6	18
16	How can the landscape ecological security pattern be quantitatively optimized and effectively evaluated? An integrated analysis with the granularity inverse method and landscape indicators. <i>Environmental Science and Pollution Research</i> , 2022, 29, 41590-41616.	2.7	17
17	H <sub>2</sub> -Dependent Carbon Dissolution and Diffusion-Out in Graphene Chemical Vapor Deposition Growth. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24124-24131.	1.5	14
18	Urban growth boundaries delineation coupling ecological constraints with a growth-driven model for the main urban area of Chongqing, China. <i>Geo Journal</i> , 2020, 85, 1115-1131.	1.7	10

#	ARTICLE	IF	CITATIONS
19	Quantifying the spatiotemporal characteristics of ecosystem services and livelihoods in China's poverty-stricken counties. <i>Frontiers of Earth Science</i> , 2021, 15, 553-579.	0.9	9
20	Evaluation of Water Resource Security Based on an MIV-BP Model in a Karst Area. <i>Water (Switzerland)</i> , 2018, 10, 786.	1.2	8
21	Construction and application of the ecological benefit assessment model for the follow-up development of the Three Gorges Reservoir Area in Chongqing, China. <i>Geo Journal</i> , 2019, 84, 917-938.	1.7	6
22	Constraint relationship of ecosystem services in the Yangtze River Economic Belt, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12484-12505.	2.7	6
23	Eco-exergy Evaluation of New Wetlands in the Yanzhou Coalfield Subsidence Areas Using Structural-Dynamic Modelling. <i>Mine Water and the Environment</i> , 2019, 38, 746-756.	0.9	4
24	An ecological scenario prediction model for newly created wetlands caused by coal mine subsidence in the Yanzhou, China. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1991-2005.	1.8	4
25	MODELING THE RELATIONSHIP BETWEEN ECONOMIC GROWTH, RESOURCE CONSUMPTION AND ENVIRONMENT POLLUTION BY SYSTEM DYNAMICS MODEL. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2010, 75, 165-174.	0.1	3
26	AN ANALYSIS ON ACCUMULATION OF BUILDINGS SORTED BY AGE AND BUILDING USE IN SUBURBS BY CONSIDERING URBAN UNITIES. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2011, 76, 957-963.	0.1	2
27	DYNAMIC EVOLVEMENT ASSESSMENT AND FORECAST OF LAND USE BASED ON GEOGRAPHIC INFORMATION SYSTEM. <i>Lowland Technology International</i> , 2014, 16, 36-44.	0.3	2
28	Study on the gradient change of the landscape pattern in the Three Gorges Reservoir area by coupling the optimal grain size method and multidirectional gradient transect method. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44585-44603.	2.7	2
29	STUDY ON INTEGRATED ASSESSMENT OF URBAN ECOSYSTEM HEALTH IN CHONGQING, CHINA. <i>Nihon Kenchiku Gakkai Keikakukei Ronbunshu</i> , 2009, 74, 881-888.	0.1	1
30	QUANTITATIVE ASSESSMENT OF ECO-ENVIRONMENT VULNERABILITY IN KARST REGION. <i>Lowland Technology International</i> , 2014, 16, 45-53.	0.3	1