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Optimization of sustainable bioenergy production considering energy-food-water-land nexus and livestock manure under uncertainty

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#	Paper	IF	Citations
23	A Robust Neutrosophic Modeling and Optimization Approach for Integrated Energy-Food-Water Security Nexus Management under Uncertainty. <i>Water (Switzerland)</i> , 2021 , 13, 121	3	10
22	Vine copula and cloud model-based programming approach for agricultural water allocation under uncertainty. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021 , 35, 1895-1915	3.5	4
21	Multi-scale modeling for irrigation water and cropland resources allocation considering uncertainties in water supply and demand. <i>Agricultural Water Management</i> , 2021 , 246, 106687	5.9	7
20	Network analysis of the food-Energy-Water nexus in China-E Yangtze River Economic Belt from a synergetic perspective. <i>Environmental Research Letters</i> , 2021 , 16, 054001	6.2	2
19	Managing agricultural water-energy-food-environment nexus considering water footprint and carbon footprint under uncertainty. <i>Agricultural Water Management</i> , 2021 , 252, 106899	5.9	18
18	The water-energy-food nexus in farming: Managerial insights for a more efficient consumption of agricultural inputs. <i>Sustainable Production and Consumption</i> , 2021 , 27, 1357-1371	8.2	7
17	Approach for optimizing the water-land-food-energy nexus in agroforestry systems under climate change. <i>Agricultural Systems</i> , 2021 , 192, 103201	6.1	4
16	Conceptualising multi-scale thermodynamics within the energy-water-food nexus: Progress towards resource and waste management. <i>Computers and Chemical Engineering</i> , 2021 , 152, 107375	4	6
15	Achieving sustainable development goals in agricultural energy-water-food nexus system: An integrated inexact multi-objective optimization approach. <i>Resources, Conservation and Recycling</i> , 2021 , 174, 105833	11.9	6
14	An improved interval multi-objective programming model for irrigation water allocation by considering energy consumption under multiple uncertainties. <i>Journal of Hydrology</i> , 2021 , 602, 126699	6	7
13	Optimization of energy-water-waste nexus at district level: A techno-economic approach. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 152, 111637	16.2	3
12	An investigation on emissions analysis of spark plug engine fueled by producer gas generated by L. camera. <i>Materials Today: Proceedings</i> , 2021 , 46, 11239-11242	1.4	0
11	Towards sustainable circular agriculture: An integrated optimization framework for crop-livestock-biogas-crop recycling system management under uncertainty. <i>Agricultural Systems</i> , 2022 , 196, 103347	6.1	2
10	Modeling and Optimization of Water-Food-Energy Nexus for Malaysia-Agricultural Sector. <i>Sustainability</i> , 2022 , 14, 1799	3.6	0
9	Optimization of agricultural resources in water-energy-food nexus in complex environment: A perspective on multienergy coordination. <i>Energy Conversion and Management</i> , 2022 , 258, 115537	10.6	0
8	Water-Energy-Food Nexus in the Agri-Food Sector: Research Trends and Innovating Practices.. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
7	Optimization of biochar systems in the water-food-energy-carbon nexus for sustainable circular agriculture. <i>Journal of Cleaner Production</i> , 2022 , 355, 131791	10.3	0

6	Data-driven evaluation of regional agricultural production efficiency for sustainable development. 2022 , 1-14	0
5	Comparing the importance of farming resource endowments and agricultural livelihood diversification for agricultural sustainability from the perspective of the food-Energy-Water nexus. 2022 , 380, 135193	0
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3	Greenhouse gas mitigation strategies and decision support for the utilization of agricultural waste systems: A case study of Jiangxi Province, China. 2023 , 265, 126380	0
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1	A multi-level approach to the energy-water-food nexus: From molecule to governance. 2023 , 8, 100110	0