Multi-objective optimization and design of farming syst

Agricultural Systems
110, 63-77
DOI: 10.1016/j.agsy.2012.03.012

Citation Report

#	Article	IF	Citations
1	Adapting agricultural land management to climate change: a regional multi-objective optimization approach. Landscape Ecology, 2013, 28, 2029-2047.	1.9	59
2	Comparing sprinkler and drip irrigation systems for full and deficit irrigated maize using multicriteria analysis and simulation modelling: Ranking for water saving vs. farm economic returns. Agricultural Water Management, 2013, 126, 85-96.	2.4	63
3	Simulation of Long-Term Carbon and Nitrogen Dynamics in Grassland-Based Dairy Farming Systems to Evaluate Mitigation Strategies for Nutrient Losses. PLoS ONE, 2013, 8, e67279.	1.1	11
4	The Transition of Farmland Production Functions in Metropolitan Areas in China. Sustainability, 2014, 6, 4028-4041.	1.6	17
5	Applying the ecosystem services framework to pasture-based livestock farming systems in Europe. Animal, 2014, 8, 1361-1372.	1.3	108
6	Quantifying ecosystem services trade-offs from agricultural practices. Ecological Economics, 2014, 102, 147-157.	2.9	124
7	The role of farmersâ€™ objectives in current farm practices and adaptation preferences: a case study in Flevoland, the Netherlands. Regional Environmental Change, 2014, 14, 1463.	1.4	29
8	Resource use efficiency and farm productivity gaps of smallholder dairy farming in North-west MichoacÃ¡n, Mexico. Agricultural Systems, 2014, 126, 15-24.	3.2	33
9	Analysis of trade-offs in agricultural systems: current status and way forward. Current Opinion in Environmental Sustainability, 2014, 6, 110-115.	3.1	105
10	Farm household models to analyse food security in a changing climate: A review. Global Food Security, 2014, 3, 77-84.	4.0	60
11	Agroecological principles for the redesign of integrated cropâ€“livestock systems. European Journal of Agronomy, 2014, 57, 43-51.	1.9	170
12	Options to improve family income, labor input and soil organic matter balances by soil management and maizeâ€“livestock interactions. Exploration of farm-specific options for a region in Southwest Mexico. Renewable Agriculture and Food Systems, 2015, 30, 373-391.	0.8	12
13	Pathways Towards to Improve the Feasibility of Dairy Pastoral System in La Pampa (Argentine). Italian Journal of Animal Science, 2015, 14, 3624.	0.8	7
14	Combining micro-bottom-up and macro-top-down modelling responses to nutrient cycles in complex agricultural systems. Nutrient Cycling in Agroecosystems, 2015, 103, 257-278.	1.1	5
15	Relevancy and role of whole-farm models in supporting smallholder farmers in planning their agricultural season. Environmental Modelling and Software, 2015, 68, 147-155.	1.9	12
16	A decision making framework with MODFLOW-FMP2 via optimization: Determining trade-offs in crop selection. Environmental Modelling and Software, 2015, 69, 280-291.	1.9	20
17	Metaheuristics for agricultural land use optimization. A review. Agronomy for Sustainable Development, 2015, 35, 975-998.	2.2	75
18	A methodology to explore the determinants of eco-efficiency by combining an agronomic whole-farm simulation model and efficient frontier. Environmental Modelling and Software, 2015, 71, 46-59.	1.9	18

#	Article	IF	Citations
19	Sustainable agricultural development in a rural area in the Netherlands? Assessing impacts of climate and socio-economic change at farm and landscape level. Agricultural Systems, 2015, 141, 160-173.	3.2	49
20	The Windmill Approach. Outlook on Agriculture, 2015, 44, 207-214.	1.8	10
21	Linear Programming in the economic estimate of livestock-crop integration: application to a Brazilian dairy farm. Revista Brasileira De Zootecnia, 2016, 45, 181-189.	0.3	13
22	Water Management Options for Rice Cultivation in a Temperate Area: A Multi-Objective Model to Explore Economic and Water Saving Results. Water (Switzerland), 2016, 8, 336.	1.2	25
23	Capturing Agroecosystem Vulnerability and Resilience. Sustainability, 2016, 8, 1206.	1.6	23
24	Ontology-based knowledge and optimization model for Decision Support System to intercropping. , 2016, , .		5
25	Alternative options for sustainable intensification of smallholder dairy farms in North-West MichoacÃ¡n, Mexico. Agricultural Systems, 2016, 144, 22-32.	3.2	28
26	Methods for Measuring Greenhouse Gas Balances and Evaluating Mitigation Options in Smallholder Agriculture. , 2016, , .		14
27	Characterising the diversity of smallholder farming systems and their constraints and opportunities for innovation: A case study from the Northern Region, Ghana. Njas - Wageningen Journal of Life Sciences, 2016, 78, 153-166.	7.9	124
28	Multiobjective Management of Water Allocation to Sustainable Irrigation Planning and Optimal Cropping Pattern. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, .	0.6	61
29	Crop and farm level adaptation under future climate challenges: An exploratory study considering multiple objectives for Flevoland, the Netherlands. Agricultural Systems, 2017, 152, 154-164.	3.2	19
30	Review: Multi-objective optimization methods and application in energy saving. Energy, 2017, 125, 681-704.	4.5	408
31	A methodology for multi-objective cropping system design based on simulations. Application to weed management. European Journal of Agronomy, 2017, 87, 59-73.	1.9	23
32	Spatially explicit methodology for coordinated manure management in shared watersheds. Journal of Environmental Management, 2017, 192, 48-56.	3.8	24
33	Smallholder Agriculture in the Information Age. , 2017, , .		9
34	Development of an integrated generic model for multi-scale assessment of the impacts of agro-ecosystems on major ecosystem services in West Africa. Journal of Environmental Management, 2017, 202, 117-125.	3.8	12
35	Trade-offs and synergies between ecosystem services in uneven-aged mountain forests: evidences using Pareto fronts. European Journal of Forest Research, 2017, 136, 997-1012.	1.1	40
36	Trade-offs in soil fertility management on arable farms. Agricultural Systems, 2017, 157, 292-302.	3.2	15

#	Article	IF	Citations
37	A framework for designing multi-functional agricultural landscapes: Application to Guadeloupe Island. Agricultural Systems, 2017, 157, 316-329.	3.2	9
38	From stakeholders narratives to modelling plausible future agricultural systems. Integrated assessment of scenarios for Camargue, Southern France. European Journal of Agronomy, 2017, 82, 292-307.	1.9	29
39	Effects of shade, altitude and management on multiple ecosystem services in coffee agroecosystems. European Journal of Agronomy, 2017, 82, 308-319.	1.9	98
40	Optimal Use of Agricultural Water and Land Resources through Reconfiguring Crop Planting Structure under Socioeconomic and Ecological Objectives. Water (Switzerland), 2017, 9, 488.	1.2	50
41	Farm-Boarding School Management: Linear Programming Contributions in the Search of Self-Sufficiency and Optimization. Journal of Agricultural Science, 2017, 9, 59.	0.1	0
42	Organic and Conventional Agriculture: A Useful Framing?. Annual Review of Environment and Resources, 2017, 42, 317-346.	5.6	74
43	A review of multi-criteria optimization techniques for agricultural land use allocation. Environmental Modelling and Software, 2018, 105, 79-93.	1.9	108
44	Exploring ecosystem services trade-offs in agricultural landscapes with a multi-objective programming approach. Landscape and Urban Planning, 2018, 172, 29-36.	3.4	48
45	Designing agricultural systems from invention to implementation: the contribution of agronomy. Lessons from a case study. Agricultural Systems, 2018, 164, 122-132.	3.2	39
46	Incorporation of emergy into multiple-criteria decision analysis for sustainable and resilient structure of dairy farms in Slovenia. Agricultural Systems, 2018, 164, 71-83.	3.2	17
47	Model results versus farmer realities. Operationalizing diversity within and among smallholder farm systems for a nuanced impact assessment of technology packages. Agricultural Systems, 2018, 162, 164-178.	3.2	37
48	Affordances of agricultural systems analysis tools: A review and framework to enhance tool design and implementation. Agricultural Systems, 2018, 164, 20-30.	3.2	47
49	Evaluating agricultural trade-offs in the age of sustainable development. Agricultural Systems, 2018, 163, 73-88.	3.2	184
50	Landsharing vs landsparing: How to reconcile crop production and biodiversity? A simulation study focusing on weed impacts. Agriculture, Ecosystems and Environment, 2018, 251, 203-217.	2.5	14
51	On the development and use of farm models for policy impact assessment in the European Union â€“ A review. Agricultural Systems, 2018, 159, 111-125.	3.2	87
52	Role of Modelling in International Crop Research: Overview and Some Case Studies. Agronomy, 2018, 8, 291.	1.3	36
53	A decision support tool to enhance agricultural growth in the MÃ©krou river basin (West Africa). Computers and Electronics in Agriculture, 2018, 154, 467-481.	3.7	32
54	A framework for priority-setting in climate smart agriculture research. Agricultural Systems, 2018, 167, 161-175.	3.2	95

#	Article	IF	Citations
55	Relationships Between Ecosystem Services: Comparing Methods for Assessing Tradeoffs and Synergies. Ecological Economics, 2018, 150, 96-106.	2.9	122
56	Agroecological integration of shade- and drought-tolerant food/feed crops for year-round productivity in banana-based systems under rain-fed conditions in Central Africa. Acta Horticulturae, 2018, , 41-54.	0.1	9
57	How do climbing beans fit in farming systems of the eastern highlands of Uganda? Understanding opportunities and constraints at farm level. Agricultural Systems, 2018, 165, 97-110.	3.2	5
58	Exploring management strategies to enhance the provision of ecosystem services in complex smallholder agroforestry systems. Ecological Indicators, 2018, 94, 257-265.	2.6	28
59	A Mission Planning Approach for Precision Farming Systems Based on Multi-Objective Optimization. Sensors, 2018, 18, 1795.	2.1	30
60	Multi-objective economic-resource-production optimization of sustainable organic mixed farming systems with nutrient recycling. Journal of Cleaner Production, 2018, 196, 304-330.	4.6	19
61	Land use optimization tool for sustainable intensification of high-latitude agricultural systems. Land Use Policy, 2019, 88, 104104.	2.5	31
62	To what extent is climate change adaptation a novel challenge for agricultural modellers?. Environmental Modelling and Software, 2019, 120, 104492.	1.9	10
63	Food security and agriculture in the Western Highlands of Guatemala. Food Security, 2019, 11, 817-833.	2.4	45
64	Multi-objective optimization as a tool to identify possibilities for future agricultural landscapes. Science of the Total Environment, 2019, 687, 535-545.	3.9	14
65	Constraints in multi-objective optimization of land use allocation â€“ Repair or penalize?. Environmental Modelling and Software, 2019, 118, 241-251.	1.9	54
66	Water-Energy-Food Nexus Sustainability in the Upper Blue Nile (UBN) Basin. Frontiers in Environmental Science, 2019, 7, .	1.5	32
67	Prioritizing options for multi-objective agricultural development through the Positive Deviance approach. PLoS ONE, 2019, 14, e0212926.	1.1	28
68	Multi-objective simulation and optimisation of dairy sheep farms: Exploring trade-offs between economic and environmental outcomes. Agricultural Systems, 2019, 173, 107-118.	3.2	19
69	A model to examine farm household trade-offs and synergies with an application to smallholders in Vietnam. Agricultural Systems, 2019, 173, 49-63.	3.2	33
70	Trade-offs and synergies between livestock production and other ecosystem services. Agricultural Systems, 2019, 168, 58-72.	3.2	37
71	A multi-stage stochastic optimization model of a pastoral dairyÂfarm. European Journal of Operational Research, 2019, 274, 1077-1089.	3.5	14
72	TURNING LOCAL KNOWLEDGE ON AGROFORESTRY INTO AN ONLINE DECISION-SUPPORT TOOL FOR TREE SELECTION IN SMALLHOLDERSâ€™ FARMS. Experimental Agriculture, 2019, 55, 50-66.	0.4	22

#	Article	IF	Citations
73	Re-designing organic grain legume cropping systems using systems agronomy. European Journal of Agronomy, 2020, 112, 125951.	1.9	32
74	Nutrient flows and intensification options for smallholder farmers of the Lao uplands. Agricultural Systems, 2020, 177, 102694.	3.2	13
75	Modelling crop diversification and association effects in agricultural systems. Agriculture, Ecosystems and Environment, 2020, 288, 106711.	2.5	20
76	Land use optimization for nutrient reduction under stochastic precipitation rates. Environmental Modelling and Software, 2020, 123, 104527.	1.9	12
77	Examining the policy-practice gap: The divergence between regulation and reality in organic fertiliser allocation in pasture based systems. Agricultural Systems, 2020, 179, 102708.	3.2	7
78	Optimization of drip irrigation and fertilization regimes for high grain yield, crop water productivity and economic benefits of spring maize in Northwest China. Agricultural Water Management, 2020, 230, 105986.	2.4	102
79	A model-based exploration of farm-household livelihood and nutrition indicators to guide nutrition-sensitive agriculture interventions. Food Security, 2020, 12, 59-81.	2.4	10
80	Land use decisions: By whom and to whose benefit? A serious game to uncover dynamics in farm land allocation at household level in Northern Ghana. Land Use Policy, 2020, 91, 104325.	2.5	23
81	Operationalizing the concept of robustness of nitrogen networks in mixed smallholder systems: A pilot study in the mid-hills and lowlands of Nepal. Ecological Indicators, 2020, 110, 105883.	2.6	9
82	Mobilizing Ecological Processes for Herbivore Production: Farmers and Researchers Learning Together. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	15
83	Farm-level exploration of economic and environmental impacts of sustainable intensification of rice-wheat cropping systems in the Eastern Indo-Gangetic plains. European Journal of Agronomy, 2020, 121, 126157.	1.9	12
84	Research on Environmental, Economic, and Social Sustainability in Dairy Farming: A Systematic Mapping of Current Literature. Sustainability, 2020, 12, 5502.	1.6	37
85	Using a positive deviance approach to inform farming systems redesign: A case study from Bihar, India. Agricultural Systems, 2020, 185, 102942.	3.2	16
86	Improving the efficiency of farm management using modern digital technologies. E3S Web of Conferences, 2020, 175, 13003.	0.2	2
87	Multi-Objective Optimization of Smallholder Apple Production: Lessons from the Bohai Bay Region. Sustainability, 2020, 12, 6496.	1.6	6
88	Assessing Climate Change Impacts and Adaptation Options for Farm Performance Using Bio-Economic Models in Southwestern France. Sustainability, 2020, 12, 7528.	1.6	2
89	Responding to future regime shifts with agrobiodiversity: A multi-level perspective on small-scale farming in Uganda. Agricultural Systems, 2020, 183, 102864.	3.2	15
90	SIMULATIONâ€“OPTIMIZATION MODELLING FOR WATER RESOURCES MANAGEMENT USING NSGAIIâ€OIP AND MODFLOW. Irrigation and Drainage, 2020, 69, 317-332.	0.8	29

#	Article	IF	Citations
91	Improved feeding and forages at a crossroads: Farming systems approaches for sustainable livestock development in East Africa. Outlook on Agriculture, 2020, 49, 13-20.	1.8	21
92	Impact and Opportunities of Agroecological Intensification Strategies on Farm Performance: A Case Study of Banana-Based Systems in Central and South-Western Uganda. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	14
93	Reducing agro-environmental trade-offs through sustainable livestock intensification across smallholder systems in Northern Tanzania. International Journal of Agricultural Sustainability, 2020, 18, 35-54.	1.3	26
94	Exploring solution spaces for nutrition-sensitive agriculture in Kenya and Vietnam. Agricultural Systems, 2020, 180, 102774.	3.2	38
95	Qomâ€"A New Hydrologic Prediction Model Enhanced with Multi-Objective Optimization. Applied Sciences (Switzerland), 2020, 10, 251.	1.3	4
96	CGIAR modeling approaches for resourceâ€constrained scenarios: II. Models for analyzing socioeconomic factors to improve policy recommendations. Crop Science, 2020, 60, 568-581.	0.8	21
97	Optimizing wheat production and reducing environmental impacts through scientistâ€"farmer engagement: Lessons from the North China Plain. Food and Energy Security, 2021, 10, e255.	2.0	14
98	Optimal manure utilization chain for distributed animal farms: Model development and a case study from Hangzhou, China. Agricultural Systems, 2021, 187, 102996.	3.2	11
99	A Multi-Objective Model Exploration of Banana-Canopy Management and Nutrient Input Scenarios for Optimal Banana-Legume Intercrop Performance. Agronomy, 2021, 11, 311.	1.3	2
100	Which Socio-economic Conditions Drive the Selection of Agroforestry at the Forest Frontier?. Environmental Management, 2021, 67, 1119-1136.	1.2	11
101	Determining cropping patterns with emphasis on optimal energy consumption using LCA and multi-objective planning: a case study in eastern Lorestan Province, Iran. Energy, Ecology and Environment, 0, , 1.	1.9	1
102	Identifying â€˜win-win-winâ€™ futures from inequitable value chain trade-offs: A system dynamics approach. Agricultural Systems, 2021, 190, 103096.	3.2	11
103	A design for a generic and modular bio-economic farm model. Agricultural Systems, 2021, 191, 103133.	3.2	12
104	Understanding the decisionâ€making in smallâ€scale beef cattle herd management through a mathematical programming model. International Transactions in Operational Research, 2023, 30, 1955-1985.	1.8	1
105	An Optimization Scheme of Balancing GHG Emission and Income in Circular Agriculture System. Sustainability, 2021, 13, 7154.	1.6	2
106	Computing stochastic Pareto frontiers between economic and environmental goals for a semi-arid agricultural production region in Austria. Ecological Economics, 2021, 185, 107044.	2.9	9
107	Exploring opportunities for diversification of smallholders' rice-based farming systems in the Senegal River Valley. Agricultural Systems, 2021, 193, 103211.	3.2	11
108	Operations research for environmental assessment of crop-livestock production systems. Agricultural Systems, 2021, 193, 103208.	3.2	8

#	Article	IF	Citations
109	Sediment analysis and modelling based approach for optimal allocation of riverine sandbar for socio economic benefits. Ecological Engineering, 2021, 173, 106415.	1.6	8
110	Trade-off analysis of agri-food systems for sustainable research and development. Q Open, 2021, 1, .	0.7	9
111	Scaling Point and Plot Measurements of Greenhouse Gas Fluxes, Balances, and Intensities to Whole Farms and Landscapes. , 2016, , 175-188.		4
112	A Qualitative Evaluation of CSA Options in Mixed Crop-Livestock Systems in Developing Countries. Natural Resource Management and Policy, 2018, , 385-423.	0.1	13
113	A multi-objective optimization model for dairy feeding management. Agricultural Systems, 2020, 183, 102854.	3.2	10
114	How farmers shape cultural landscapes. Dealing with information in farm systems (VallÃ¨s County,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	13
115	Landscape models to support sustainable intensification of agroecological systems. Burleigh Dodds Series in Agricultural Science, 2019, , 321-354.	0.1	1
116	Hybrid Ontology-based knowledge with multi-objective optimization model framework for Decision Support System in intercropping. Advances in Science, Technology and Engineering Systems, 2017, 2, 1363-1371.	0.4	5
117	Nutrients Flow as Affected by Cropping System and Production Niche in Smallholder Farmers of Cyabayaga Watershed. Agricultural Sciences, 2016, 07, 287-294.	0.2	3
118	Multiple Criteria Decision Making Approach for Evaluating Management Options: A Case of New Zealand Dairy Farming. British Journal of Applied Science & Technology, 2015, 5, 9-26.	0.2	1
119	A Proposal Based on Hard and Soft Systems for Public Policies Supporting Family Farms. Decision Engineering, 2015, , 239-254.	1.5	0
120	Development and Use of Mathematical Models and Software Frameworks for Integrated Analysis of Agricultural Systems and Associated Water Use Impacts. AIMS Agriculture and Food, 2016, 1, 208-226.	0.8	3
121	Methods for Environment: Productivity Trade-Off Analysis in Agricultural Systems. , 2016, , 189-198.		0
122	Guide for the Sustainable Intensification Assessment Framework. SSRN Electronic Journal, 0, , .	0.4	25
124	A Mathematical Model for Vineyard Replacement with Nonlinear Binary Control Optimization. Discontinuity, Nonlinearity, and Complexity, 2020, 9, 173-186.	0.1	0
125	Crop-livestock integration provides opportunities to mitigate environmental trade-offs in transitioning smallholder agricultural systems of the Greater Mekong Subregion. Agricultural Systems, 2022, 195, 103285.	3.2	15
126	Integrating gender and farmer's preferences in a discussion support tool for crop choice. Agricultural Systems, 2022, 195, 103300.	3.2	4
127	Model to Generate Crop Combinations for Tribal Farmers in Palghar, Maharashtra, India. Water Science and Technology Library, 2021, , 329-346.	0.2	0

#	Article	IF	Citations
128	The farm coaching experience to support the transition to integrated cropâ€“livestock systems: From gaming to action. Agricultural Systems, 2022, 196, 103339.	3.2	10
129	Tapping Into the Environmental Co-benefits of Improved Tropical Forages for an Agroecological Transformation of Livestock Production Systems. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	14
130	Typology of rice-based cropping systems for improved soil carbon management: Capturing smallholder farming opportunities and constraints in Dinajpur, Bangladesh. Geoderma Regional, 2021, , e00460.	0.9	2
131	Exploring strategies to control the cost of food security: Evidence from Bangladesh. Agricultural Systems, 2022, 196, 103351.	3.2	6
132	A distributed robust optimization model based on water-food-energy nexus for irrigated agricultural sustainable development. Journal of Hydrology, 2022, 606, 127394.	2.3	17
133	Multi-Objective Synergistic Strategy for the Economic and Environmental Benefit of Pear Farmers in the Yangtze River Basin, China. SSRN Electronic Journal, 0, , .	0.4	0
134	A modular approach for quantification of nitrogen flows and losses along dairy manure management chains of different complexity. Nutrient Cycling in Agroecosystems, 2022, 122, 89-103.	1.1	1
135	Restoring social and ecological relationships in the agroecosystems of Canada's prairie region. Outlook on Agriculture, 2022, 51, 55-66.	1.8	1
136	Technology, infrastructure and enterprise trade-off: Strengthening smallholder farming systems in Tamil Nadu State of India for sustainable income and food security. Outlook on Agriculture, 2022, 51, 197-212.	1.8	1
137	Woodchips or potato chips? How enhancing soil carbon and reducing chemical inputs influence the allocation of cropland. Agricultural Systems, 2022, 198, 103372.	3.2	2
138	How to make regenerative practices work on the farm: A modelling framework. Agricultural Systems, 2022, 198, 103371.	3.2	4
139	Agroecology and Systems Analysis for Sustainable Agriculture. Journal of Rural Problems, 2022, 58, 31-35.	0.1	2
140	Redesigning of Farming Systems Using a Multi-Criterion Assessment Tool for Sustainable Intensification and Nutritional Security in Northwestern India. Sustainability, 2022, 14, 3892.	1.6	5
143	Evolutionary multi-objective algorithms for feed resource allocation in dairy systems. , 2021, , .		0
144	Agricultural Innovization: An Optimization-Driven solution for sustainable agricultural intensification in Michigan. Computers and Electronics in Agriculture, 2022, 199, 107143.	3.7	3
145	Spatio-temporal design of strip cropping systems. Agricultural Systems, 2022, 201, 103455.	3.2	12
147	Model-based design of crop diversification through new field arrangements in spatially heterogeneous landscapes. A review. Agronomy for Sustainable Development, 2022, 42, .	2.2	19
148	Identifying exemplary sustainable cropping systems using a positive deviance approach: Wheat-maize double cropping in the North China Plain. Agricultural Systems, 2022, 201, 103471.	3.2	10

#	Article	IF	Citations
149	Tailor-made solutions for regenerative agriculture in the Netherlands. Agricultural Systems, 2022, 203, 103518.	3.2	6
150	Sustainable strategies related to soil fertility, economic benefit, and environmental impact on pear orchards at the farmer scale in the Yangtze River Basin, China. Environmental Science and Pollution Research, 0, , .	2.7	1
151	Development of decision support framework for optimizing resource recovery from a household-scale integrated agri-aquaculture system in the Mekong Delta, Vietnam. Journal of Cleaner Production, 2022, 379, 134643.	4.6	1
152	Improving tea (Camellia sinensis) quality, economic income, and environmental benefits by optimizing agronomic nitrogen efficiency: A synergistic strategy. European Journal of Agronomy, 2023, 142, 126673.	1.9	2
153	Identifying nutrition-sensitive development options in Madagascar through a positive deviance approach. Food Security, 0, , .	2.4	1
154	Handling ecosystem service trade-offs: the importance of the spatial scale at which no-loss constraints are posed. Landscape Ecology, 2023, 38, 1163-1175.	1.9	1
155	Modelling and ICT for Design of Animal Manure Management. , 2023, , 1-13.		0
156	A parallel approximate evaluation-based model for multi-objective operation optimization of reservoir group. Swarm and Evolutionary Computation, 2023, 78, 101288.	4.5	2
167	Integrated energy cycle operation control strategy based on particle swarm optimization. , 2023, , .		0
169	Modelling and ICT for Design of Animal Manure Management. , 2023, , 868-880.		0