

Xiao Lin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

597
citations

687220

13
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing agricultural carbon footprint through diversified crop rotation systems in the North China Plain. <i>Journal of Cleaner Production</i> , 2014, 76, 131-139.	4.6	161
2	Effect of diversified crop rotations on groundwater levels and crop water productivity in the North China Plain. <i>Journal of Hydrology</i> , 2015, 522, 428-438.	2.3	91
3	Recharge and Groundwater Use in the North China Plain for Six Irrigated Crops for an Eleven Year Period. <i>PLoS ONE</i> , 2015, 10, e0115269.	1.1	58
4	Impact of climate change on the water requirement of summer maize in the Huang-Huai-Hai farming region. <i>Agricultural Water Management</i> , 2013, 124, 20-27.	2.4	48
5	Reduced groundwater use and increased grain production by optimized irrigation scheduling in winter wheat–summer maize double cropping system—A 16-year field study in North China Plain. <i>Field Crops Research</i> , 2022, 275, 108364.	2.3	33
6	Diversified crop rotations enhance groundwater and economic sustainability of food production. <i>Food and Energy Security</i> , 2021, 10, e311.	2.0	30
7	Sorghum biomass and quality and soil nitrogen balance response to nitrogen rate on semiarid marginal land. <i>Field Crops Research</i> , 2018, 215, 12-22.	2.3	29
8	Managing food and bioenergy crops with declining groundwater levels in the North China Plain. <i>Field Crops Research</i> , 2019, 234, 1-14.	2.3	28
9	Biomass Yield and Nutrient Uptake of Energy Sorghum in Response to Nitrogen Fertilizer Rate on Marginal Land in a Semi-Arid Region. <i>Bioenergy Research</i> , 2017, 10, 363-376.	2.2	21
10	Establishing sustainable sweet sorghum-based cropping systems for forage and bioenergy feedstock in North China Plain. <i>Field Crops Research</i> , 2018, 227, 144-154.	2.3	21
11	Impact of climate variation from 1965 to 2016 on cotton water requirements in North China Plain. <i>Agricultural Water Management</i> , 2021, 243, 106502.	2.4	21
12	Carbon footprints of grain-, forage-, and energy-based cropping systems in the North China plain. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 371-385.	2.2	20
13	Technical Feasibility and Comprehensive Sustainability Assessment of Sweet Sorghum for Bioethanol Production in China. <i>Sustainability</i> , 2018, 10, 731.	1.6	14
14	Effects of Nitrogen Fertilization on Soil Nitrogen for Energy Sorghum on Marginal Land in China. <i>Agronomy Journal</i> , 2017, 109, 636-645.	0.9	10
15	Carbon footprint analysis of sweet sorghum-based bioethanol production in the potential saline - Alkali land of northwest China. <i>Journal of Cleaner Production</i> , 2022, 349, 131476.	4.6	10
16	Development of a direct competitive enzyme-linked immunosorbent assay for quantitation of sodium saccharin residue in food. <i>Journal of Food Science</i> , 2021, 86, 3720-3729.	1.5	1
17	The Spatial and Temporal Variation of Water Requirement of Winter Wheat Based SIMETA Model in Huang-Huai-Hai Farming Region. <i>Sensor Letters</i> , 2013, 11, 1149-1155.	0.4	1
18	GROUNDWATER DEPLETION IN THE NORTH CHINA PLAIN: THE AGROHYDROLOGICAL PERSPECTIVE. <i>Frontiers of Agricultural Science and Engineering</i> , 2021, .	0.9	0