

Sudhir-Yadav

List of Publications by Year in descending order

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43
papers

1,523
citations

361413

20
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Halting the Groundwater Decline in North-West India—Which Crop Technologies will be Winners?. <i>Advances in Agronomy</i> , 2010, , 155-217.	5.2	216
2	Effect of water management on dry seeded and puddled transplanted rice. Part 1: Crop performance. <i>Field Crops Research</i> , 2011, 120, 112-122.	5.1	142
3	Effect of water management on dry seeded and puddled transplanted rice. <i>Field Crops Research</i> , 2011, 120, 123-132.	5.1	133
4	A global analysis of alternative tillage and crop establishment practices for economically and environmentally efficient rice production. <i>Scientific Reports</i> , 2017, 7, 9342.	3.3	94
5	Crop performance in permanent raised bed rice—wheat cropping system in Punjab, India. <i>Field Crops Research</i> , 2009, 110, 1-20.	5.1	64
6	Evaluation and application of ORYZA2000 for irrigation scheduling of puddled transplanted rice in north west India. <i>Field Crops Research</i> , 2011, 122, 104-117.	5.1	63
7	Effect of crop establishment methods and weed control treatments on weed management, and rice yield. <i>Field Crops Research</i> , 2015, 172, 72-84.	5.1	61
8	Assessing alternative crop establishment methods with a sustainability lens in rice production systems of Eastern India. <i>Journal of Cleaner Production</i> , 2020, 244, 118835.	9.3	59
9	Evaluation of tradeoffs in land and water productivity of dry seeded rice as affected by irrigation schedule. <i>Field Crops Research</i> , 2012, 128, 180-190.	5.1	48
10	Options for increasing the productivity of the rice—wheat system of north-west India while reducing groundwater depletion. Part 1. Rice variety duration, sowing date and inclusion of mungbean. <i>Field Crops Research</i> , 2015, 173, 68-80.	5.1	48
11	Options for increasing the productivity of the rice—wheat system of north west India while reducing groundwater depletion. Part 2. Is conservation agriculture the answer?. <i>Field Crops Research</i> , 2015, 173, 81-94.	5.1	41
12	Response and resilience of Asian agrifood systems to COVID-19: An assessment across twenty-five countries and four regional farming and food systems. <i>Agricultural Systems</i> , 2021, 193, 103168.	6.1	41
13	Effects of tillage and mulch on the growth, yield and irrigation water productivity of a dry seeded rice-wheat cropping system in north-west India. <i>Field Crops Research</i> , 2016, 196, 219-236.	5.1	39
14	Spatio-temporal analysis of water quality for pesticides and other agricultural pollutants in Deduru Oya river basin of Sri Lanka. <i>Journal of Cleaner Production</i> , 2022, 330, 129897.	9.3	39
15	Establishment method effects on crop performance and water productivity of irrigated rice in the tropics. <i>Field Crops Research</i> , 2014, 166, 112-127.	5.1	38
16	Factors affecting irrigation water savings in raised beds in rice and wheat. <i>Field Crops Research</i> , 2010, 118, 43-50.	5.1	32
17	Crop diversification in rice-based systems in the polders of Bangladesh: Yield stability, profitability, and associated risk. <i>Agricultural Systems</i> , 2021, 187, 102986.	6.1	32
18	Intensification and diversification increase land and water productivity and profitability of rice-based cropping systems on the High Ganges River Floodplain of Bangladesh. <i>Field Crops Research</i> , 2017, 209, 10-26.	5.1	30

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19	Productivity trade-off with different water regimes and genotypes of rice under non-puddled conditions in Eastern India. <i>Field Crops Research</i> , 2018, 222, 218-229.	5.1	24
20	Disentangling Challenges to Scaling Alternate Wetting and Drying Technology for Rice Cultivation: Distilling Lessons From 20 Years of Experience in the Philippines. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	24
21	Maintaining Diversity of Integrated Rice and Fish Production Confers Adaptability of Food Systems to Global Change. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	23
22	Comparison of dry seeded and puddled transplanted rainy season rice on the High Ganges River Floodplain of Bangladesh. <i>European Journal of Agronomy</i> , 2018, 96, 120-130.	4.1	22
23	Performance of direct-seeded basmati rice in loamy sand in semi-arid sub-tropical India. <i>Soil and Tillage Research</i> , 2007, 97, 229-238.	5.6	20
24	Community water management to intensify agricultural productivity in the polders of the coastal zone of Bangladesh. <i>Paddy and Water Environment</i> , 2020, 18, 331-343.	1.8	20
25	Drought Stress Reduces Grain Yield by Altering Floral Meristem Development and Sink Size under Dryâ€Seeded Rice Cultivation. <i>Crop Science</i> , 2017, 57, 2098-2108.	1.8	18
26	Why grain yield of transplanted rice on permanent raised beds declines with time?. <i>Soil and Tillage Research</i> , 2008, 99, 261-267.	5.6	17
27	Trans-Disciplinary Responses to Climate Change: Lessons from Rice-Based Systems in Asia. <i>Climate</i> , 2020, 8, 35.	2.8	15
28	Why Technologies Often Fail to Scale: Policy and Market Failures behind Limited Scaling of Alternate Wetting and Drying in Rice in Bangladesh. <i>Water (Switzerland)</i> , 2020, 12, 1510.	2.7	15
29	New records of very high nitrous oxide fluxes from rice cannot be generalized for water management and climate impacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1464-1465.	7.1	14
30	Estimating soil evaporation in dry seeded rice and wheat crops after wetting events. <i>Agricultural Water Management</i> , 2019, 217, 98-106.	5.6	13
31	Assessing Potential Environmental Impacts of Pesticide Usage in Paddy Ecosystems: A Case Study in the Deduru Oya River Basin, Sri Lanka. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 343-355.	4.3	13
32	Climate risk perceptions and perceived yield loss increases agricultural technology adoption in the polder areas of Bangladesh. <i>Journal of Rural Studies</i> , 2022, 94, 274-286.	4.7	13
33	Setting sustainability targets for irrigated rice production and application of the Sustainable Rice Platform performance indicators. <i>Environmental Impact Assessment Review</i> , 2022, 92, 106697.	9.2	12
34	Land gradient and configuration effects on yield, irrigation amount and irrigation water productivity in rice-wheat and maize-wheat cropping systems in Eastern India. <i>Agricultural Water Management</i> , 2021, 255, 107036.	5.6	9
35	Growing Rice in Eastern India: New Paradigms of Risk Reduction and Improving Productivity. , 2017, , 221-258.		8
36	Effects of tillage and mulch on soil evaporation in a dry seeded rice-wheat cropping system. <i>Soil and Tillage Research</i> , 2021, 209, 104976.	5.6	7

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37	Assessing impact of salinity and climate scenarios on dry season field crops in the coastal region of Bangladesh. <i>Agricultural Systems</i> , 2022, 200, 103428.	6.1	6
38	Determinants in the Adoption of Alternate Wetting and Drying Technique for Rice Production in a Gravity Surface Irrigation System in the Philippines. <i>Water (Switzerland)</i> , 2022, 14, 5.	2.7	4
39	Effective Management of Scarce Water Resources in North-West India. , 2013, , 103-125.		3
40	Managing agricultural water resources: Addressing the complexity of innovation, social perspectives, and water governance in Sri Lanka. <i>Irrigation and Drainage</i> , 2022, 71, 71-85.	1.7	3
41	Irrigation Advisory Service: A comprehensive solution toward sustainable water management for rice production in the Philippines. , 2019, , .		0
42	Assessing Impact of Salinity and Climate Scenarios on Dry Season Field Crops in the Coastal Region of Bangladesh. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
43	Evaluation of gravityâ€ed and energyâ€fed drainage for sustaining food security in the polders of the coastal zone of Bangladesh. <i>Irrigation and Drainage</i> , 0, , .	1.7	0