

# Rana Shahzad Noor

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

330  
citations

932766

10  
h-index

887659

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Different sensor based intelligent spraying systems in Agriculture. <i>Sensors and Actuators A: Physical</i> , 2020, 316, 112265.	2.0	58
2	Evaluation of methane production and energy conversion from corn stalk using furfural wastewater pretreatment for whole slurry anaerobic co-digestion. <i>Bioresource Technology</i> , 2019, 293, 121962.	4.8	48
3	Furfural wastewater pretreatment of corn stalk for whole slurry anaerobic co-digestion to improve methane production. <i>Science of the Total Environment</i> , 2019, 674, 49-57.	3.9	45
4	Development of Deep Learning-Based Variable Rate Agrochemical Spraying System for Targeted Weeds Control in Strawberry Crop. <i>Agronomy</i> , 2021, 11, 1480.	1.3	27
5	Analysis of biofuel (briquette) production from forest biomass: a socioeconomic incentive towards deforestation. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1-15.	2.9	21
6	Identifying the socio-economic factors of deforestation and degradation: a case study in Gilgit Baltistan, Pakistan. <i>Geo Journal</i> , 2022, 87, 1657-1670.	1.7	19
7	Interactive Effects of Grafting Techniques and Scion-Rootstocks Combinations on Vegetative Growth, Yield and Quality of Cucumber ( <i>Cucumis sativus</i> L.). <i>Agronomy</i> , 2019, 9, 288.	1.3	16
8	Evaluating Morphological Growth, Yield, and Postharvest Fruit Quality of Cucumber ( <i>Cucumis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.4	13
9	Socio-Economic Impacts of Livelihood from Fuelwood and Timber Consumption on the Sustainability of Forest Environment: Evidence from Basha Valley, Baltistan, Pakistan. <i>Agriculture (Switzerland)</i> , 2021, 11, 596.	1.4	13
10	Effect of compost and chemical fertilizer application on soil physical properties and productivity of sesame ( <i>Sesamum Indicum</i> L.). <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 905-915.	2.9	12
11	Development and performance evaluation of small size household portable biogas plant for domestic use. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 3107-3119.	2.9	12
12	Predicting Behavioral Intention of Rural Inhabitants toward Economic Incentive for Deforestation in Gilgit-Baltistan, Pakistan. <i>Sustainability</i> , 2021, 13, 617.	1.6	10
13	Recent global warming as a proximate cause of deforestation and forest degradation in northern Pakistan. <i>PLoS ONE</i> , 2022, 17, e0260607.	1.1	8
14	Preparation and Anti-Icing of Hydrophobic Polypyrrole Coatings on Wind Turbine Blade. <i>International Journal of Rotating Machinery</i> , 2020, 2020, 1-9.	0.8	7
15	Enhanced biomethane production by 2-stage anaerobic co-digestion of animal manure with pretreated organic waste. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 2833-2847.	2.9	7
16	Quantifying the effects of co-composting organic biomass mixtures with inorganic amendments to obtain value-added bio-products. <i>PLoS ONE</i> , 2021, 16, e0253714.	1.1	6
17	A Two-Year Study on Yield and Yield Components of Maize-White Bean Intercropping Systems under Different Sowing Techniques. <i>Agronomy</i> , 2022, 12, 240.	1.3	6
18	An Investigation of a Root Zone Heating System and Its Effects on the Morphology of Winter-Grown Green Peppers. <i>Energies</i> , 2019, 12, 933.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Performance Evaluation of a Water Seed Drill. Sustainability, 2019, 11, 137.	1.6	1
20	Yield and Economic Analysis of Peanut Production under Different Soil Tillage Systems in North-East Region. Pakistan Journal of Agricultural Research, 2020, 33, .	0.1	0
21	Assessing Sustainability of Rainfed Wheat (Triticum Aestivum) Production under Various Soil Tillage Systems: An Energy and Economic Analysis. Pakistan Journal of Agricultural Research, 2020, 33, .	0.1	0