

# Muhammad Israr Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1843855/publications.pdf>

Version: 2024-02-01

16  
papers

350  
citations

933447

10  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental risk assessment of steel-making slags and the potential use of LD slag in mitigating methane emissions and the grain arsenic level in rice ( <i>Oryza sativa</i> L.). <i>Journal of Hazardous Materials</i> , 2018, 353, 236-243.	12.4	61
2	Effect of cover cropping on the net global warming potential of rice paddy soil. <i>Geoderma</i> , 2017, 292, 49-58.	5.1	58
3	Taxonomic and functional responses of soil microbial communities to slag-based fertilizer amendment in rice cropping systems. <i>Environment International</i> , 2019, 127, 531-539.	10.0	43
4	Short term effects of different green manure amendments on the composition of main microbial groups and microbial activity of a submerged rice cropping system. <i>Applied Soil Ecology</i> , 2020, 147, 103400.	4.3	41
5	Steel slag amendment impacts on soil microbial communities and activities of rice ( <i>Oryza sativa</i> L.). <i>Scientific Reports</i> , 2020, 10, 6746.	3.3	35
6	Evaluation of rice root oxidizing potential using digital image analysis. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 463-471.	0.9	18
7	Gastroprotective Potential of <i>Dalbergia sissoo</i> Roxb. Stem Bark against Diclofenac-Induced Gastric Damage in Rats. <i>Osong Public Health and Research Perspectives</i> , 2013, 4, 271-277.	1.9	17
8	Effect of Rice Planting on Nitrous Oxide (N <sub>2</sub> O) Emission under Different Levels of Nitrogen Fertilization. <i>Agronomy</i> , 2021, 11, 217.	3.0	17
9	Microbial responses to temperature sensitivity of soil respiration in a dry fallow cover cropping and submerged rice mono-cropping system. <i>Applied Soil Ecology</i> , 2018, 128, 98-108.	4.3	14
10	Assessment of direct carbon dioxide emission factor from urea fertilizer in temperate upland soil during warm and cold cropping season. <i>European Journal of Soil Biology</i> , 2017, 83, 76-83.	3.2	10
11	Unexpected higher decomposition of soil organic matter during cold fallow season in temperate rice paddy. <i>Soil and Tillage Research</i> , 2019, 192, 250-257.	5.6	10
12	Investigating the arable land that is the main contributor to global warming between paddy and upland vegetable crops under excessive nitrogen fertilization. <i>Journal of Cleaner Production</i> , 2022, 346, 131197.	9.3	9
13	Optimizing the harvesting stage of rye as a green manure to maximize nutrient production and to minimize methane production in mono-rice paddies. <i>Science of the Total Environment</i> , 2015, 537, 441-446.	8.0	6
14	Source partitioning and emission factor of nitrous oxide during warm and cold cropping seasons from an upland soil in South Korea. <i>Science of the Total Environment</i> , 2019, 662, 591-599.	8.0	4
15	Importance of annual monitoring for evaluating the direct nitrous oxide emission factor in temperate mono-rice paddy fields. <i>Applied Soil Ecology</i> , 2019, 140, 42-48.	4.3	3
16	Unexpectedly higher soil organic carbon accumulation in the evapotranspiration cover of a coal bottom ash mixed landfill. <i>Journal of Environmental Management</i> , 2020, 268, 110659.	7.8	2