

Jeong-gu Lee

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

447
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of ferrous slag in agriculture: Potentials and challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1247-1281.	12.8	9
2	Cover cropping and its biomass incorporation: Not enough to compensate the negative impact of plastic film mulching on global warming. <i>Science of the Total Environment</i> , 2022, 807, 151015.	8.0	7
3	Soil management priorities in Korea. <i>Geoderma Regional</i> , 2022, 29, e00516.	2.1	2
4	Unexpected high suppression of ammonia volatilization loss by plastic film mulching in Korean maize cropping system. <i>Agriculture, Ecosystems and Environment</i> , 2022, 335, 108022.	5.3	6
5	Strong mitigation of greenhouse gas emission impact via aerobic short pre-digestion of green manure amended soils during rice cropping. <i>Science of the Total Environment</i> , 2021, 761, 143193.	8.0	18
6	Impact of plastic film mulching on global warming in entire chemical and organic cropping systems: Life cycle assessment. <i>Journal of Cleaner Production</i> , 2021, 308, 127256.	9.3	25
7	Effect of plastic film mulching on maize productivity and nitrogen use efficiency under organic farming in South Korea. <i>Science of the Total Environment</i> , 2021, 787, 147503.	8.0	23
8	Silicate fertilization improves microbial functional potentials for stress tolerance in arsenic-enriched rice cropping systems. <i>Journal of Hazardous Materials</i> , 2021, 417, 125953.	12.4	14
9	Agricultural nitrogen and phosphorus balances of Korea and Japan: Highest nutrient surplus among OECD member countries. <i>Environmental Pollution</i> , 2021, 286, 117353.	7.5	13
10	Assessing Changes in Soil Organic Matter Accumulation of Agricultural Field from 2013 to 2020 in South Korea. <i>Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe</i> , 2021, 54, 391-400.	0.9	2
11	Green manure application accelerates soil organic carbon stock loss under plastic film mulching. <i>Nutrient Cycling in Agroecosystems</i> , 2020, 116, 257-269.	2.2	11
12	Synergistic Release of Crop Nutrients and Stimulants from Hydroxyapatite Nanoparticles Functionalized with Humic Substances: Toward a Multifunctional Nanofertilizer. <i>ACS Omega</i> , 2020, 5, 6598-6610.	3.5	65
13	Straw recycling in rice paddy: Trade-off between greenhouse gas emission and soil carbon stock increase. <i>Soil and Tillage Research</i> , 2020, 199, 104598.	5.6	48
14	Artificial humification of lignin architecture: Top-down and bottom-up approaches. <i>Biotechnology Advances</i> , 2019, 37, 107416.	11.7	46
15	Different response of plastic film mulching on greenhouse gas intensity (GHGI) between chemical and organic fertilization in maize upland soil. <i>Science of the Total Environment</i> , 2019, 696, 133827.	8.0	45
16	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
17	Silicate Fertilizer Amendment Alters Fungal Communities and Accelerates Soil Organic Matter Decomposition. <i>Frontiers in Microbiology</i> , 2019, 10, 2950.	3.5	14
18	Depletion of soil organic carbon stocks are larger under plastic film mulching for maize. <i>European Journal of Soil Science</i> , 2019, 70, 807-818.	3.9	44

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19	Evaluation of the carbon dioxide (CO ₂) emission factor from lime applied in temperate upland soil. <i>Geoderma</i> , 2019, 337, 742-748.	5.1	15
20	Composting and compost application: Trade-off between greenhouse gas emission and soil carbon sequestration in whole rice cropping system. <i>Journal of Cleaner Production</i> , 2019, 212, 1132-1142.	9.3	37