

Saranya Kuppusamy

List of Publications by Year in descending order

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49
papers

2,484
citations

257357

24
h-index

302012

39
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51
all docs

51
docs citations

51
times ranked

3441
citing authors

#	ARTICLE	IF	CITATIONS
1	Unresolved complex mixtures of petroleum hydrocarbons in the environment: An overview of ecological effects and remediation approaches. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2872-2894.	6.6	4
2	Ecological Impacts of Total Petroleum Hydrocarbons. , 2020, , 95-138.		12
3	Approaches for Remediation of Sites Contaminated with Total Petroleum Hydrocarbons. , 2020, , 167-205.		10
4	Total Petroleum Hydrocarbons. , 2020, , .		38
5	Examining the polyphenol content, antioxidant activity and fatty acid composition of twenty-one different wastes of fruits, vegetables, oilseeds and beverages. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	12
6	An Overview of Total Petroleum Hydrocarbons. , 2020, , 1-27.		7
7	Methodologies for Analysis and Identification of Total Petroleum Hydrocarbons. , 2020, , 29-55.		4
8	Fate of Total Petroleum Hydrocarbons in the Environment. , 2020, , 57-77.		13
9	Impact of Total Petroleum Hydrocarbons on Human Health. , 2020, , 139-165.		23
10	Regulatory Guidelines for Total Petroleum Hydrocarbon Contamination. , 2020, , 207-224.		2
11	Are There as Many Essential and Non-essential Minerals in Hydroponic Strawberry (<i>Fragaria ananassa</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50	1.9	8
12	Effect of Cold Stress on the Content of Minerals and Water Soluble Vitamins in Spinach (<i>Spinacia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	0
13	Veterinary antibiotics (VAs) contamination as a global agro-ecological issue: A critical view. <i>Agriculture, Ecosystems and Environment</i> , 2018, 257, 47-59.	2.5	200
14	Agriculturally relevant microbial community structure in long-term fertilized paddy soils as revealed by phospholipid fatty acid (PLFA) and pyrosequencing analyses. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1379-1393.	1.3	4
15	Does long-term application of fertilizers enhance the micronutrient density in soil and crop?â€”Evidence from a field trial conducted on a 47-year-old rice paddy. <i>Journal of Soils and Sediments</i> , 2018, 18, 49-62.	1.5	12
16	Hairy Vetch Incorporated as Green Manure Inhibits Sulfathiazole Uptake by Lettuce in Soil. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	4
17	A DOC coagulant, gypsum treatment can simultaneously reduce As, Cd and Pb uptake by medicinal plants grown in contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 615-619.	2.9	41
18	Green manure amendment enhances microbial activity and diversity in antibiotic-contaminated soil. <i>Applied Soil Ecology</i> , 2018, 129, 72-76.	2.1	43

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19	Quercus robur acorn peel as a novel coagulating adsorbent for cationic dye removal from aquatic ecosystems. <i>Ecological Engineering</i> , 2017, 101, 3-8.	1.6	54
20	Pyrogenic carbon and its role in contaminant immobilization in soils. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 795-876.	6.6	72
21	Polycyclic aromatic hydrocarbons (PAHs) degradation potential, surfactant production, metal resistance and enzymatic activity of two novel cellulose-degrading bacteria isolated from koala faeces. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	14
22	Occurrence of sulfonamide class of antibiotics resistance in Korean paddy soils under long-term fertilization practices. <i>Journal of Soils and Sediments</i> , 2017, 17, 1618-1625.	1.5	23
23	Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) concentrations in the South Korean agricultural environment: A national survey. <i>Journal of Integrative Agriculture</i> , 2017, 16, 1841-1851.	1.7	42
24	Long-Term Inorganic Fertilization Effect on the Micronutrient Density in Soil and Rice Grain Cultivated in a South Korean Paddy Field. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1603-1615.	0.6	9
25	Risk-based remediation of polluted sites: A critical perspective. <i>Chemosphere</i> , 2017, 186, 607-615.	4.2	34
26	Evaluation of nineteen food wastes for essential and toxic elements. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2017, 6, 367-373.	2.0	11
27	Remediation approaches for polycyclic aromatic hydrocarbons (PAHs) contaminated soils: Technological constraints, emerging trends and future directions. <i>Chemosphere</i> , 2017, 168, 944-968.	4.2	544
28	Influence of cold stress on contents of soluble sugars, vitamin C and free amino acids including gamma-aminobutyric acid (GABA) in spinach (<i>Spinacia oleracea</i>). <i>Food Chemistry</i> , 2017, 215, 185-192.	4.2	85
29	Enhanced Nitrogen and Phosphorus Removal by Woody Plants with Deep-Planting Technique for the Potential Environmental Management of Carcass Burial Sites. <i>Sustainability</i> , 2017, 9, 155.	1.6	7
30	Pyrosequencing analysis of bacterial diversity in soils contaminated long-term with PAHs and heavy metals: Implications to bioremediation. <i>Journal of Hazardous Materials</i> , 2016, 317, 169-179.	6.5	118
31	Isolation and characterization of polycyclic aromatic hydrocarbons (PAHs) degrading, pH tolerant, N-fixing and P-solubilizing novel bacteria from manufactured gas plant (MGP) site soils. <i>Environmental Technology and Innovation</i> , 2016, 6, 204-219.	3.0	29
32	Pyrosequencing analysis of bacterial community diversity in long-term fertilized paddy field soil. <i>Applied Soil Ecology</i> , 2016, 108, 84-91.	2.1	55
33	Polyaromatic hydrocarbon (PAH) degradation potential of a new acid tolerant, diazotrophic P-solubilizing and heavy metal resistant bacterium <i>Cupriavidus</i> sp. MTS-7 isolated from long-term mixed contaminated soil. <i>Chemosphere</i> , 2016, 162, 31-39.	4.2	47
34	Occurrence and diversity of tetracycline resistance genes in the agricultural soils of South Korea. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22190-22196.	2.7	21
35	Abandoned metalliferous mines: ecological impacts and potential approaches for reclamation. <i>Reviews in Environmental Science and Biotechnology</i> , 2016, 15, 327-354.	3.9	94
36	Assessment of antioxidant activity, minerals, phenols and flavonoid contents of common plant/tree waste extracts. <i>Industrial Crops and Products</i> , 2016, 83, 630-634.	2.5	23

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37	Bioaugmentation with Novel Microbial Formula vs. Natural Attenuation of a Long-Term Mixed Contaminated Soil—Treatability Studies in Solid- and Slurry-Phase Microcosms. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	32
38	Potential of <i>Melaleuca diosmifolia</i> as a novel, non-conventional and low-cost coagulating adsorbent for removing both cationic and anionic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 37, 198-207.	2.9	27
39	Potential of <i>Melaleuca diosmifolia</i> leaf as a low-cost adsorbent for hexavalent chromium removal from contaminated water bodies. <i>Chemical Engineering Research and Design</i> , 2016, 100, 173-182.	2.7	73
40	Oak (<i>Quercus robur</i>) Acorn Peel as a Low-Cost Adsorbent for Hexavalent Chromium Removal from Aquatic Ecosystems and Industrial Effluents. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	31
41	Biodegradation of polycyclic aromatic hydrocarbons (PAHs) by novel bacterial consortia tolerant to diverse physical settings – Assessments in liquid- and slurry-phase systems. <i>International Biodeterioration and Biodegradation</i> , 2016, 108, 149-157.	1.9	88
42	Kinetics of PAH degradation by a new acid-metal-tolerant <i>Trabulsella</i> isolated from the MGP site soil and identification of its potential to fix nitrogen and solubilize phosphorous. <i>Journal of Hazardous Materials</i> , 2016, 307, 99-107.	6.5	36
43	Agronomic and remedial benefits and risks of applying biochar to soil: Current knowledge and future research directions. <i>Environment International</i> , 2016, 87, 1-12.	4.8	277
44	Ex-Situ Remediation Technologies for Environmental Pollutants: A Critical Perspective. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 236, 117-192.	0.7	54
45	In-Situ Remediation Approaches for the Management of Contaminated Sites: A Comprehensive Overview. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 236, 1-115.	0.7	67
46	Free Amino Acid Composition of Korean Spinach (<i>Spinacia oleracea</i>) Cultivars as Influenced by Different Harvesting Time. <i>Korean Journal of Environmental Agriculture</i> , 2016, 35, 104-110.	0.0	6
47	Bioremediation potential of natural polyphenol rich green wastes: A review of current research and recommendations for future directions. <i>Environmental Technology and Innovation</i> , 2015, 4, 17-28.	3.0	66
48	STANDARDIZATION OF THE SPORE DENSITY OF AM FUNGAL INOCULUM FOR EFFECTIVE COLONIZATION. <i>International Journal of Agriculture Sciences</i> , 2012, 4, 176-181.	0.0	3
49	A SIGNIFICANT QUALITY STANDARD IN TERMS OF PERCENT ROOT COLONIZATION FOR EFFECTIVITY OF THE ARBUSCULAR MYCORRHIZAL (AM) INOCULUM. <i>Indian Journal of Medical Research</i> , 2012, 4, 168-172.	0.0	0