# Marc Redmile-Gordon

List of Publications by Year
in descending order



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|---|---|---|---|
| 20 papers | 601 citations | 759233 12 h-index | 794594 19 g-index |
| 21 all docs | 21 docs citations | 21 times ranked | 888 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mortierella elongata's roles in organic agriculture and crop growth promotion in a mineral soil. Land Degradation and Development, 2018, 29, 1642-1651. | 3.9 | 130 |
| 2 | Risk Assessment of Agricultural Plastic Films Based on Release Kinetics of Phthalate Acid Esters. Environmental Science & Technology, 2021, 55, 3676-3685. | 10.0 | 70 |
| 3 | Soil biofilms: microbial interactions, challenges, and advanced techniques for ex-situ characterization. Soil Ecology Letters, 2019, 1, 85-93. | 4.5 | 62 |
| 4 | Changes in nitrogen related functional genes along soil pH, C and nutrient gradients in the charosphere. Science of the Total Environment, 2019, 650, 626-632. | 8.0 | 61 |
| 5 | Effects of cropping systems upon the three-dimensional architecture of soil systems are modulated by texture. Geoderma, 2018, 332, 73-83. | 5.1 | 51 |
| 6 | Sequestration of C in soils under Miscanthus can be marginal and is affected by genotype-specific root distribution. Agriculture, Ecosystems and Environment, 2015, 200, 169-177. | 5.3 | 40 |
| 7 | Extracellular polymeric substances (EPS) modulate adsorption isotherms between biochar and 2,2â€²,4,4â€²-tetrabromodiphenyl ether. Chemosphere, 2019, 214, 176-183. | 8.2 | 28 |
| 8 | Importance of substrate quality and clay content on microbial extracellular polymeric substances production and aggregate stability in soils. Biology and Fertility of Soils, 2022, 58, 435-457. | 4.3 | 24 |
| 9 | Organic and inorganic model soil fractions instigate the formation of distinct microbial biofilms for enhanced biodegradation of benzo[a]pyrene. Journal of Hazardous Materials, 2021, 404, 124071. | 12.4 | 21 |
| 10 | Zinc toxicity stimulates microbial production of extracellular polymers in a copiotrophic acid soil. International Biodeterioration and Biodegradation, 2017, 119, 413-418. | 3.9 | 18 |
| 11 | Rhizosphere microbiome modulated effects of biochar on ryegrass 15N uptake and rhizodeposited 13C allocation in soil. Plant and Soil, 2021, 463, 359-377. | 3.7 | 17 |
| 12 | BTWâ€"Bioinformatics Through Windows: an easy-to-install package to analyze marker gene data. PeerJ, 2018, 6, e5299. | 2.0 | 13 |
| 13 | Perspectives on ecological risks of microplastics and phthalate acid esters in crop production systems. Soil Ecology Letters, 2022, 4, 97-108. | 4.5 | 11 |
| 14 | Aliphatic Hydrocarbon Enhances Phenanthrene Degradation by Autochthonous Prokaryotic Communities from a Pristine Seawater. Microbial Ecology, 2018, 75, 688-700. | 2.8 | 10 |
| 15 | Reducing plant uptake of a brominated contaminant (2,2â€²,4,4â€²â€˜tetrabrominated diphenyl ether) by incorporation of maize straw into horticultural soil. Science of the Total Environment, 2019, 663, 29-37. | 8.0 | 10 |
| 16 | Differences in bacterial composition between menâ€™s and womenâ€™s restrooms and other common areas within a public building. Antonie Van Leeuwenhoek, 2018, 111, 551-561. | 1.7 | 9 |
| 17 | Artificially intelligent soil quality and health indices for â€˜next generationâ€™ food production systems.. Trends in Food Science and Technology, 2021, 107, 195-200. | 15.1 | 9 |
| 18 | Influence of surface coatings on the adhesion of Shewanella oneidensis MR-1 to hematite. Journal of Colloid and Interface Science, 2022, 608, 2955-2963. | 9.4 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Amendment with biodiesel co-product modifies genes for N cycling (nirK, nirS, nosZ) and greenhouse gas emissions (N2O, CH4, CO2) from an acid soil. Biology and Fertility of Soils, 2021, 57, 629-642. | 4.3 | 8 |
| 20 | Response to Letter to the Editorâ€”â€œSoil biofilmsâ€: Misleading description of the spatial distribution of microbial biomass in soils. Soil Ecology Letters, 2020, 2, 6-7. | 4.5 | 0 |