

Perry J Mitchell

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nuclear Magnetic Resonance Analysis of Changes in Dissolved Organic Matter Composition with Successive Layering on Clay Mineral Surfaces. <i>Soil Systems</i> , 2018, 2, 8.	2.6	25
2	Impact of lignocellulosic and hemicellulosic biochar on soil moisture in low clay soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 576-584.	1.9	3
3	Biochar amendment altered the molecular-level composition of native soil organic matter in a temperate forest soil. <i>Environmental Chemistry</i> , 2016, 13, 854.	1.5	12
4	Biochar amendment and phosphorus fertilization altered forest soil microbial community and native soil organic matter molecular composition. <i>Biogeochemistry</i> , 2016, 130, 227-245.	3.5	36
5	An Oil Spill in a Tube: An Accessible Approach for Teaching Environmental NMR Spectroscopy. <i>Journal of Chemical Education</i> , 2015, 92, 693-697.	2.3	13
6	Shifts in microbial community and water-extractable organic matter composition with biochar amendment in a temperate forest soil. <i>Soil Biology and Biochemistry</i> , 2015, 81, 244-254.	8.8	192
7	Preliminary laboratory production and characterization of biochars from lignocellulosic municipal waste. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 99, 71-78.	5.5	72
8	High Affinity Sorption Domains in Soil Are Blocked by Polar Soil Organic Matter Components. <i>Environmental Science & Technology</i> , 2013, 47, 412-419.	10.0	57
9	Solution-state NMR investigation of the sorptive fractionation of dissolved organic matter by alkaline mineral soils. <i>Environmental Chemistry</i> , 2013, 10, 333.	1.5	32