Hui Yu

List of Publications by Year
in descending order

22	930	567281 15	677142 22
papers	citations	h-index	g-index

22	22	22	1161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption and co-adsorption of tetracycline and doxycycline by one-step synthesized iron loaded sludge biochar. Chemosphere, 2019, 236, 124254.	8.2	153
2	Effect of short-chain organic acids on the enhanced desorption of phenanthrene by rhamnolipid biosurfactant in soilâ€“water environment. Water Research, 2011, 45, 5501-5510.	11.3	118
3	Combined effects of DOM extracted from site soil/compost and biosurfactant on the sorption and desorption of PAHs in a soilâ€“water system. Journal of Hazardous Materials, 2011, 190, 883-890.	12.4	105
4	Effects of sodium acetate as a pH control amendment on the composting of food waste. Bioresource Technology, 2009, 100, 2005-2011.	9.6	98
5	Effect of short-chain organic acids and pH on the behaviors of pyrene in soilâ€“water system. Chemosphere, 2010, 81, 1423-1429.	8.2	75
6	Efficiency of single and mixed Gemini/conventional micelles on solubilization of phenanthrene. Chemical Engineering Journal, 2011, 168, 201-207.	12.7	49
7	Investigation on the solubilization of polycyclic aromatic hydrocarbons in the presence of single and mixed Gemini surfactants. Journal of Hazardous Materials, 2011, 190, 840-847.	12.4	43
8	Combined effects of DOM and biosurfactant enhanced biodegradation of polycylic armotic hydrocarbons (PAHs) in soilâ€“water systems. Environmental Science and Pollution Research, 2014, 21, 10536-10549.	5.3	38
9	Effect of Phospholipid on Pyrite Oxidation and Microbial Communities under Simulated Acid Mine Drainage (AMD) Conditions. Environmental Science & Technology, 2015, 49, 7701-7708.	10.0	38
10	InÂvitro estrogenic activity of representative endocrine disrupting chemicals mixtures at environmentally relevant concentrations. Chemosphere, 2019, 215, 396-403.	8.2	30
11	Quantitative effects of composting state variables on C/N ratio through GA-aided multivariate analysis. Science of the Total Environment, 2011, 409, 1243-1254.	8.0	28
12	Removal of organic contaminant by municipal sewage sludge-derived hydrochar: kinetics, thermodynamics and mechanisms. Water Science and Technology, 2018, 78, 947-956.	2.5	25
13	Effects of soil properties and biosurfactant on the behavior of PAHs in soil-water systems. Environmental Systems Research, 2014, 3, 6.	3.7	24
14	Effect of different buffer agents on in-vessel composting of food waste: Performance analysis and comparative study. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 772-780.	1.7	22
15	Solubilization of Mixed Polycyclic Aromatic Hydrocarbons through a Rhamnolipid Biosurfactant. Journal of Environmental Quality, 2011, 40, 477-483.	2.0	19
16	Critical factors and their effects on product maturity in food waste composting. Environmental Monitoring and Assessment, 2015, 187, 217.	2.7	18
17	Isolation and Characterization of Biosurfactant-and Bioemulsifier-Producing Bacteria from Petroleum Contaminated Sites in Western Canada. Soil and Sediment Contamination, 2011, 20, 274-288.	1.9	16
18	Inhibitory Effects of Organic Acids on Bacteria Growth During Food Waste Composting. Compost Science and Utilization, 2010, 18, 55-63.	1.2	13

#	Article	IF	Citations
19	Enhancing Remediation of LNAPL Recovery through a Response-Surface-Based Optimization Approach. Journal of Environmental Engineering, ASCE, 2009, 135, 999-1008.	1.4	9
20	Influence of uric acid amendment on the inâ€vessel process of composting composite food waste. Journal of Chemical Technology and Biotechnology, 2012, 87, 1558-1566.	3.2	5
21	Influence of Short-Chain Aliphatic Acids on the Phenanthrene Desorption and Mobilization from Contaminated Soil. Soil and Sediment Contamination, 2012, 21, 192-206.	1.9	3
22	Microbial Communities in Chesapeake & Ohio Canal National Historical Park and Their Function as Indicators of Water Quality. Geomicrobiology Journal, 2019, 36, 673-682.	2.0	1