

Po-Neng Chiang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

690
citations

16
h-index

26
g-index

34
ext. papers

761
ext. citations

5.1
avg, IF

3.56
L-index

#	Paper	IF	Citations
33	Removal of 2-Chlorophenol From Aqueous Solution by Mg/Al Layered Double Hydroxide (LDH) and Modified LDH. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 3813-3819	3.9	97
32	p-Nitrophenol, phenol and aniline sorption by organo-clays. <i>Journal of Hazardous Materials</i> , 2007 , 149, 275-82	12.8	74
31	Arsenate sorption on lithium/ aluminum layered double hydroxide intercalated by chloride and on gibbsite: sorption isotherms, envelopes, and spectroscopic studies. <i>Environmental Science & Technology</i> , 2006 , 40, 7784-9	10.3	52
30	Effects of cadmium amendments on low-molecular-weight organic acid exudates in rhizosphere soils of tobacco and sunflower. <i>Environmental Toxicology</i> , 2006 , 21, 479-88	4.2	52
29	Comparison and characterization of chemical surfactants and bio-surfactants intercalated with layered double hydroxides (LDHs) for removing naphthalene from contaminated aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 366, 170-177	5.1	41
28	Chemical and physical properties of rhizosphere and bulk soils of three tea plants cultivated in Ultisols. <i>Geoderma</i> , 2006 , 136, 378-387	6.7	41
27	Low-Molecular-Weight Organic Acids Exuded by Millet (<i>Setaria italica</i> (L.) Beauv.) Roots and Their Effect on the Remediation of Cadmium-Contaminated Soil. <i>Soil Science</i> , 2011 , 176, 33-38	0.9	35
26	Reclamation of zinc-contaminated soil using a dissolved organic carbon solution prepared using liquid fertilizer from food-waste composting. <i>Journal of Hazardous Materials</i> , 2016 , 301, 100-5	12.8	30
25	Sorption of chlorophenoxy propionic acids by organoclay complexes. <i>Environmental Toxicology</i> , 2006 , 21, 71-9	4.2	30
24	Cesium and strontium sorption by selected tropical and subtropical soils around nuclear facilities. <i>Journal of Environmental Radioactivity</i> , 2010 , 101, 472-81	2.4	27
23	Integrated xylitol production by fermentation of hardwood wastes. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 534-540	3.5	27
22	Changes in the grassland-forest boundary at Ta-Ta-Chia long term ecological research (LTER) site detected by stable isotope ratios of soil organic matter. <i>Chemosphere</i> , 2004 , 54, 217-24	8.4	27
21	Effects of low molecular weight organic acids on (137)Cs release from contaminated soils. <i>Applied Radiation and Isotopes</i> , 2011 , 69, 844-51	1.7	26
20	Mechanistic study of arsenate adsorption on lithium/aluminum layered double hydroxide. <i>Applied Clay Science</i> , 2010 , 48, 485-491	5.2	22
19	LOW-MOLECULAR-WEIGHT ORGANIC ACID EXUDATION OF RAPE (<i>BRASSICA CAMPESTRIS</i>) ROOTS IN CESIUM-CONTAMINATED SOILS. <i>Soil Science</i> , 2005 , 170, 726-733	0.9	17
18	Adsorption mechanisms of chromate and phosphate on hydrotalcite: A combination of macroscopic and spectroscopic studies. <i>Environmental Pollution</i> , 2019 , 247, 180-187	9.3	16
17	Mineralogy and occurrence of glauconite in central Taiwan. <i>Applied Clay Science</i> , 2008 , 42, 74-80	5.2	12

16	The impacts of thinning on the fruiting of saprophytic fungi in <i>Cryptomeria japonica</i> plantations in central Taiwan. <i>Forest Ecology and Management</i> , 2015 , 336, 183-193	3.9	11
15	Characterization of wheat-rice-stone developed from porphyritic hornblende andesite. <i>Applied Clay Science</i> , 2003 , 23, 337-346	5.2	9
14	Effects of long-term paddy rice cultivation on soil arsenic speciation. <i>Journal of Environmental Management</i> , 2020 , 254, 109768	7.9	9
13	Use 3-D tomography to reveal structural modification of bentonite-enriched clay by nonionic surfactants: Application of organo-clay composites to detoxify aflatoxin B1 in chickens. <i>Journal of Hazardous Materials</i> , 2019 , 375, 312-319	12.8	8
12	Origin and mineralogy of sepiolite and palygorskite from the tuluanshan formation, eastern Taiwan. <i>Clays and Clay Minerals</i> , 2009 , 57, 521-530	2.1	6
11	Kinetics of radiocesium released from contaminated soil by fertilizer solutions. <i>Journal of Environmental Radioactivity</i> , 2008 , 99, 159-66	2.4	6
10	CLAY MINERALOGY AND MAJOR ELEMENT CHEMISTRY OF THE EARLY QUATERNARY AND LATE MIOCENE PALEOSOLS ON PENGHU ISLANDS (PESCADORES), TAIWAN. <i>Soil Science</i> , 2007 , 172, 486-498	0.9	4
9	Evaluating relationships of standing stock, LAI and NDVI at a subtropical reforestation site in southern Taiwan using field and satellite data. <i>Journal of Forest Research</i> , 2020 , 25, 250-259	1.4	2
8	SOIL ORGANIC MATTER AND SOIL PHYSICOCHEMICAL PROPERTIES ASSOCIATED WITH FOREST FIRES IN CENTRAL TAIWAN. <i>Soil Science</i> , 2008 , 173, 768-778	0.9	2
7	Risk management in suburban forest recreation areas: A retrospective analysis of illness cases. <i>Urban Forestry and Urban Greening</i> , 2020 , 53, 126710	5.4	2
6	High Rainfall Inhibited Soil Respiration in an Asian Monsoon Forest in Taiwan. <i>Forests</i> , 2021 , 12, 239	2.8	2
5	Soil Respiration Variation among Four Tree Species at Young Afforested Sites under the Influence of Frequent Typhoon Occurrences. <i>Forests</i> , 2021 , 12, 787	2.8	1
4	Carbon Dioxide Fluxes of a Young Deciduous Afforestation Under the Influence of Seasonal Precipitation Patterns and Frequent Typhoon Occurrence. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005996	3.7	1
3	Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. <i>Journal of Cleaner Production</i> , 2021 , 313, 127726	10.3	1
2	Preferential phosphate sorption and Al substitution on goethite. <i>Environmental Science: Nano</i> , 2020 , 7, 3497-3508	7.1	0
1	Seasonal and spatial variation in soil respiration in afforested sugarcane fields on Entisols, Taiwan. <i>Geoderma Regional</i> , 2021 , 26, e00421	2.7	