Po-Neng Chiang

List of Publications by Year in Descending Order

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	Soil Respiration Variation among Four Tree Species at Young Afforested Sites under the Influence of Frequent Typhoon Occurrences. *Forests*, **2021**, 12, 787	2.8	1
32	High Rainfall Inhibited Soil Respiration in an Asian Monsoon Forest in Taiwan. *Forests*, **2021**, 12, 239	2.8	2
31	Carbon Dioxide Fluxes of a Young Deciduous Afforestation Under the Influence of Seasonal Precipitation Patterns and Frequent Typhoon Occurrence. *Journal of Geophysical Research G: Biogeosciences*, **2021**, 126, e2020JG005996	3.7	1
30	Seasonal and spatial variation in soil respiration in afforested sugarcane fields on Entisols, Taiwan. *Geoderma Regional*, **2021**, 26, e00421	2.7	
29	Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. *Journal of Cleaner Production*, **2021**, 313, 127726	10.3	1
28	Evaluating relationships of standing stock, LAI and NDVI at a subtropical reforestation site in southern Taiwan using field and satellite data. *Journal of Forest Research*, **2020**, 25, 250-259	1.4	2
27	Effects of long-term paddy rice cultivation on soil arsenic speciation. *Journal of Environmental Management*, **2020**, 254, 109768	7.9	9
26	Risk management in suburban forest recreation areas: A retrospective analysis of illness cases. *Urban Forestry and Urban Greening*, **2020**, 53, 126710	5.4	2
25	Preferential phosphate sorption and Al substitution on goethite. *Environmental Science: Nano*, **2020**, 7, 3497-3508	7.1	0
24	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. *Journal of Hazardous Materials*, **2019**, 375, 312-319	12.8	8
23	Adsorption mechanisms of chromate and phosphate on hydrotalcite: A combination of macroscopic and spectroscopic studies. *Environmental Pollution*, **2019**, 247, 180-187	9.3	16
22	Reclamation of zinc-contaminated soil using a dissolved organic carbon solution prepared using liquid fertilizer from food-waste composting. *Journal of Hazardous Materials*, **2016**, 301, 100-5	12.8	30
21	The impacts of thinning on the fruiting of saprophytic fungi in Cryptomeria japonica plantations in central Taiwan. *Forest Ecology and Management*, **2015**, 336, 183-193	3.9	11
20	Low-Molecular-Weight Organic Acids Exuded by Millet (Setaria italica (L.) Beauv.) Roots and Their Effect on the Remediation of Cadmium-Contaminated Soil. *Soil Science*, **2011**, 176, 33-38	0.9	35
19	Effects of low molecular weight organic acids on (137)Cs release from contaminated soils. *Applied Radiation and Isotopes*, **2011**, 69, 844-51	1.7	26
18	Mechanistic study of arsenate adsorption on lithium/aluminum layered double hydroxide. *Applied Clay Science*, **2010**, 48, 485-491	5.2	22
17	Cesium and strontium sorption by selected tropical and subtropical soils around nuclear facilities. *Journal of Environmental Radioactivity*, **2010**, 101, 472-81	2.4	27

16	Comparison and characterization of chemical surfactants and bio-surfactants intercalated with layered double hydroxides (LDHs) for removing naphthalene from contaminated aqueous solutions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2010**, 366, 170-177	5.1	41
15	Origin and mineralogy of sepiolite and palygorskite from the tuluanshan formation, eastern Taiwan. *Clays and Clay Minerals*, **2009**, 57, 521-530	2.1	6
14	Removal of 2-Chlorophenol from Aqueous Solution by Mg/Al Layered Double Hydroxide (LDH) and Modified LDH. *Industrial & Engineering Chemistry Research*, **2008**, 47, 3813-3819	3.9	97
13	Mineralogy and occurrence of glauconite in central Taiwan. *Applied Clay Science*, **2008**, 42, 74-80	5.2	12
12	SOIL ORGANIC MATTER AND SOIL PHYSICOCHEMICAL PROPERTIES ASSOCIATED WITH FOREST FIRES IN CENTRAL TAIWAN. *Soil Science*, **2008**, 173, 768-778	0.9	2
11	Kinetics of radiocesium released from contaminated soil by fertilizer solutions. *Journal of Environmental Radioactivity*, **2008**, 99, 159-66	2.4	6
10	Integrated xylitol production by fermentation of hardwood wastes. *Journal of Chemical Technology and Biotechnology*, **2008**, 83, 534-540	3.5	27
9	p-Nitrophenol, phenol and aniline sorption by organo-clays. *Journal of Hazardous Materials*, **2007**, 149, 275-82	12.8	74
8	CLAY MINERALOGY AND MAJOR ELEMENT CHEMISTRY OF THE EARLY QUATERNARY AND LATE MIOCENE PALEOSOLS ON PENGHU ISLANDS (PESCADORES), TAIWAN. *Soil Science*, **2007**, 172, 486-498	0.9	4
7	Arsenate sorption on lithium/ aluminum layered double hydroxide intercalated by chloride and on gibbsite: sorption isotherms, envelopes, and spectroscopic studies. *Environmental Science & Technology*, **2006**, 40, 7784-9	10.3	52
6	Chemical and physical properties of rhizosphere and bulk soils of three tea plants cultivated in Ultisols. *Geoderma*, **2006**, 136, 378-387	6.7	41
5	Sorption of chlorophenoxy propionic acids by organoclay complexes. *Environmental Toxicology*, **2006**, 21, 71-9	4.2	30
4	Effects of cadmium amendments on low-molecular-weight organic acid exudates in rhizosphere soils of tobacco and sunflower. *Environmental Toxicology*, **2006**, 21, 479-88	4.2	52
3	LOW-MOLECULAR-WEIGHT ORGANIC ACID EXUDATION OF RAPE (BRASSICA CAMPESTRIS) ROOTS IN CESIUM-CONTAMINATED SOILS. *Soil Science*, **2005**, 170, 726-733	0.9	17
2	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. *Chemosphere*, **2004**, 54, 217-24	8.4	27
1	Characterization of wheat-rice-stone developed from porphyritic hornblende andesite. *Applied Clay Science*, **2003**, 23, 337-346	5.2	9