

Po-Neng Chiang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High Rainfall Inhibited Soil Respiration in an Asian Monsoon Forest in Taiwan. <i>Forests</i> , 2021, 12, 239.	2.1	5
2	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.	3.0	1
3	Soil Respiration Variation among Four Tree Species at Young Afforested Sites under the Influence of Frequent Typhoon Occurrences. <i>Forests</i> , 2021, 12, 787.	2.1	2
4	Seasonal and spatial variation in soil respiration in afforested sugarcane fields on Entisols, Taiwan. <i>Geoderma Regional</i> , 2021, 26, e00421.	2.1	0
5	Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. <i>Journal of Cleaner Production</i> , 2021, 313, 127726.	9.3	2
6	Effects of long-term paddy rice cultivation on soil arsenic speciation. <i>Journal of Environmental Management</i> , 2020, 254, 109768.	7.8	14
7	Risk management in suburban forest recreation areas: A retrospective analysis of illness cases. <i>Urban Forestry and Urban Greening</i> , 2020, 53, 126710.	5.3	4
8	Preferential phosphate sorption and Al substitution on goethite. <i>Environmental Science: Nano</i> , 2020, 7, 3497-3508.	4.3	11
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	3
10	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.	12.4	16
11	Adsorption mechanisms of chromate and phosphate on hydrotalcite: A combination of macroscopic and spectroscopic studies. <i>Environmental Pollution</i> , 2019, 247, 180-187.	7.5	27
12	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, 100-105.	12.4	35
13	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.	3.2	15
14	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	44
15	Effects of low molecular weight organic acids on ¹³⁷ Cs release from contaminated soils. <i>Applied Radiation and Isotopes</i> , 2011, 69, 844-851.	1.5	28
16	Cesium and strontium sorption by selected tropical and subtropical soils around nuclear facilities. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 472-481.	1.7	35
17	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.	4.7	47
18	Mechanistic study of arsenate adsorption on lithium/aluminum layered double hydroxide. <i>Applied Clay Science</i> , 2010, 48, 485-491.	5.2	28

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19	Origin and Mineralogy of Sepiolite and Palygorskite From the Tuluanshan Formation, Eastern Taiwan. <i>Clays and Clay Minerals</i> , 2009, 57, 521-530.	1.3	7
20	Kinetics of radiocesium released from contaminated soil by fertilizer solutions. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 159-166.	1.7	6
21	Integrated xylitol production by fermentation of hardwood wastes. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 534-540.	3.2	34
22	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.	3.7	111
23	Mineralogy and occurrence of glauconite in central Taiwan. <i>Applied Clay Science</i> , 2008, 42, 74-80.	5.2	15
24	SOIL ORGANIC MATTER AND SOIL PHYSICOCHEMICAL PROPERTIES ASSOCIATED WITH FOREST FIRES IN CENTRAL TAIWAN. <i>Soil Science</i> , 2008, 173, 768-778.	0.9	3
25	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
26	p-Nitrophenol, phenol and aniline sorption by organo-clays. <i>Journal of Hazardous Materials</i> , 2007, 149, 275-282.	12.4	78
27	Arsenate Sorption on Lithium/Aluminum Layered Double Hydroxide Intercalated by Chloride and on Gibbsite: A Sorption Isotherms, Envelopes, and Spectroscopic Studies. <i>Environmental Science & Technology</i> , 2006, 40, 7784-7789.	10.0	63
28	Chemical and physical properties of rhizosphere and bulk soils of three tea plants cultivated in Ultisols. <i>Geoderma</i> , 2006, 136, 378-387.	5.1	49
29	Sorption of chlorophenoxy propionic acids by organoclay complexes. <i>Environmental Toxicology</i> , 2006, 21, 71-79.	4.0	33
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, 479-488.	4.0	58
31	LOW-MOLECULAR-WEIGHT ORGANIC ACID EXUDATION OF RAPE (BRASSICA CAMPESTRIS) ROOTS IN CESIUM-CONTAMINATED SOILS. <i>Soil Science</i> , 2005, 170, 726-733.	0.9	17
32	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, 217-224.	8.2	29
33	Characterization of wheat-rice-stone developed from porphyritic hornblende andesite. <i>Applied Clay Science</i> , 2003, 23, 337-346.	5.2	10