

Po-Hsiang Chang

List of Publications by Year in descending order

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35
papers

1,803
citations

304743

22
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

2071
citing authors

#	ARTICLE	IF	CITATIONS
1	Sorptive removal of tetracycline from water by palygorskite. <i>Journal of Hazardous Materials</i> , 2009, 165, 148-155.	12.4	240
2	Interaction between tetracycline and smectite in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 311-319.	9.4	177
3	Adsorption and intercalation of tetracycline by swelling clay minerals. <i>Applied Clay Science</i> , 2009, 46, 27-36.	5.2	154
4	Adsorption of tetracycline on 2:1 layered non-swelling clay mineral illite. <i>Applied Clay Science</i> , 2012, 67-68, 158-163.	5.2	148
5	Mechanism of tetracycline sorption on rectorite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 339, 94-99.	4.7	124
6	Removal of ciprofloxacin from water by birnessite. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 362-369.	12.4	121
7	Mechanism of methylene blue removal from water by swelling clays. <i>Chemical Engineering Journal</i> , 2011, 168, 1193-1200.	12.7	105
8	Removal of arsenic from water using Fe-exchanged natural zeolite. <i>Journal of Hazardous Materials</i> , 2011, 187, 318-323.	12.4	96
9	Mechanism of chlorpheniramine adsorption on Ca-montmorillonite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 385, 213-218.	4.7	42
10	Mechanism of amitriptyline adsorption on Ca-montmorillonite (SAz-2). <i>Journal of Hazardous Materials</i> , 2014, 277, 44-52.	12.4	39
11	Removal of diphenhydramine from water by swelling clay minerals. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 227-232.	9.4	37
12	Interaction of ciprofloxacin and probe compounds with palygorskite PFl-1. <i>Journal of Hazardous Materials</i> , 2016, 303, 55-63.	12.4	37
13	Desorption of tetracycline from montmorillonite by aluminum, calcium, and sodium: an indication of intercalation stability. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 633-644.	3.5	36
14	Modification of a Ca-montmorillonite with ionic liquids and its application for chromate removal. <i>Journal of Hazardous Materials</i> , 2014, 270, 169-175.	12.4	36
15	Halloysite nanotubes as a carrier for the uptake of selected pharmaceuticals. <i>Microporous and Mesoporous Materials</i> , 2016, 220, 298-307.	4.4	36
16	Removal of perfluorooctanoic acid from water using calcined hydrotalcite – A mechanistic study. <i>Journal of Hazardous Materials</i> , 2019, 368, 487-495.	12.4	36
17	Amitriptyline removal using palygorskite clay. <i>Chemosphere</i> , 2016, 155, 292-299.	8.2	33
18	Interlayer configuration of ionic liquids in a Ca-montmorillonite as evidenced by FTIR, TG-DTG, and XRD analyses. <i>Materials Chemistry and Physics</i> , 2015, 162, 417-424.	4.0	31

#	ARTICLE	IF	CITATIONS
19	Mechanism of acridine orange removal from water by low-charge swelling clays. <i>Chemical Engineering Journal</i> , 2011, 174, 603-611.	12.7	30
20	Sorption and desorption of tetracycline on layered manganese dioxide birnessite. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1695-1704.	3.5	30
21	Novel MOF-808 metal-organic framework as highly efficient adsorbent of perfluorooctane sulfonate in water. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 627-636.	9.4	30
22	Ionic-liquid-crafted zeolite for the removal of anionic dye methyl orange. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 237-243.	5.3	29
23	Mechanism of tyramine adsorption on Ca-montmorillonite. <i>Science of the Total Environment</i> , 2018, 642, 198-207.	8.0	25
24	Clay minerals for pharmaceutical wastewater treatment. , 2019, , 167-196.		19
25	Unravelling the mechanism of amitriptyline removal from water by natural montmorillonite through batch adsorption, molecular simulation and adsorbent characterization studies. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 379-387.	9.4	15
26	The Triple Mechanisms of Atenolol Adsorption on Ca-Montmorillonite: Implication in Pharmaceutical Wastewater Treatment. <i>Materials</i> , 2019, 12, 2858.	2.9	14
27	Mechanisms of Cu ²⁺ , triethylenetetramine (TETA), and Cu-TETA sorption on rectorite and its use for metal removal via metal-TETA complexation. <i>Journal of Hazardous Materials</i> , 2019, 373, 187-196.	12.4	14
28	Adsorption of tetracycline on montmorillonite: influence of solution pH, temperature, and ionic strength. <i>Desalination and Water Treatment</i> , 0, , 1-13.	1.0	13
29	The multi-mechanisms and interlayer configurations of metoprolol uptake on montmorillonite. <i>Chemical Engineering Journal</i> , 2019, 360, 325-333.	12.7	13
30	Investigation of intercalation of diphenhydramine into the interlayer of smectite by XRD, FTIR, TG-DTG analyses and molecular simulation. <i>Arabian Journal of Chemistry</i> , 2017, 10, 855-861.	4.9	10
31	Calcination of hydrotalcite to enhance the removal of perfluorooctane sulfonate from water. <i>Applied Clay Science</i> , 2020, 190, 105563.	5.2	10
32	Enhanced removal of ethidium bromide (EtBr) from aqueous solution using rectorite. <i>Journal of Hazardous Materials</i> , 2020, 384, 121254.	12.4	9
33	Mechanistic insights into ethidium bromide removal by palygorskite from contaminated water. <i>Journal of Environmental Management</i> , 2021, 278, 111586.	7.8	6
34	Seizing forbidden drug ranitidine by illite and the adsorption mechanism study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 639, 128395.	4.7	6
35	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