# Po-Hsiang Chang

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 35<br>papers | 1,803<br>citations | 304743<br>22<br>h-index | 395702<br>33<br>g-index |
| 35<br>all docs | 35<br>docs citations | 35<br>times ranked | 2071<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Seizing forbidden drug ranitidine by illite and the adsorption mechanism study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 639, 128395. | 4.7 | 6 |
| 2 | Novel MOF-808 metalâ€“organic framework as highly efficient adsorbent of perfluorooctane sulfonate in water. Journal of Colloid and Interface Science, 2022, 623, 627-636. | 9.4 | 30 |
| 3 | Mechanistic insights into ethidium bromide removal by palygorskite from contaminated water. Journal of Environmental Management, 2021, 278, 111586. | 7.8 | 6 |
| 4 | Inhibitory effects and mechanisms of low-molecular-mass organic acids (LMMOAs) toward Cr(III) oxidation. Journal of Cleaner Production, 2021, 313, 127726. | 9.3 | 2 |
| 5 | Unravelling the mechanism of amitriptyline removal from water by natural montmorillonite through batch adsorption, molecular simulation and adsorbent characterization studies. Journal of Colloid and Interface Science, 2021, 598, 379-387. | 9.4 | 15 |
| 6 | Enhanced removal of ethidium bromide (EtBr) from aqueous solution using rectorite. Journal of Hazardous Materials, 2020, 384, 121254. | 12.4 | 9 |
| 7 | Calcination of hydrotalcite to enhance the removal of perfluorooctane sulfonate from water. Applied Clay Science, 2020, 190, 105563. | 5.2 | 10 |
| 8 | The Triple Mechanisms of Atenolol Adsorption on Ca-Montmorillonite: Implication in Pharmaceutical Wastewater Treatment. Materials, 2019, 12, 2858. | 2.9 | 14 |
| 9 | Removal of perfluorooctanoic acid from water using calcined hydrotalcite â€“ A mechanistic study. Journal of Hazardous Materials, 2019, 368, 487-495. | 12.4 | 36 |
| 10 | Mechanisms of Cu2+, triethylenetetramine (TETA), and Cu-TETA sorption on rectorite and its use for metal removal via metal-TETA complexation. Journal of Hazardous Materials, 2019, 373, 187-196. | 12.4 | 14 |
| 11 | Clay minerals for pharmaceutical wastewater treatment. , 2019, , 167-196. | | 19 |
| 12 | The multi-mechanisms and interlayer configurations of metoprolol uptake on montmorillonite. Chemical Engineering Journal, 2019, 360, 325-333. | 12.7 | 13 |
| 13 | Mechanism of tyramine adsorption on Ca-montmorillonite. Science of the Total Environment, 2018, 642, 198-207. | 8.0 | 25 |
| 14 | Investigation of intercalation of diphenhydramine into the interlayer of smectite by XRD, FTIR, TG-DTG analyses and molecular simulation. Arabian Journal of Chemistry, 2017, 10, 855-861. | 4.9 | 10 |
| 15 | Amitriptyline removal using palygorskite clay. Chemosphere, 2016, 155, 292-299. | 8.2 | 33 |
| 16 | Halloysite nanotubes as a carrier for the uptake of selected pharmaceuticals. Microporous and Mesoporous Materials, 2016, 220, 298-307. | 4.4 | 36 |
| 17 | Interaction of ciprofloxacin and probe compounds with palygorskite PFl-1. Journal of Hazardous Materials, 2016, 303, 55-63. | 12.4 | 37 |
| 18 | Ionic-liquid-crafted zeolite for the removal of anionic dye methyl orange. Journal of the Taiwan Institute of Chemical Engineers, 2016, 59, 237-243. | 5.3 | 29 |

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|---|---|---|---|
| 19 | Interlayer configuration of ionic liquids in a Ca-montmorillonite as evidenced by FTIR, TG-DTG, and XRD analyses. Materials Chemistry and Physics, 2015, 162, 417-424. | 4.0 | 31 |
| 20 | Sorption and desorption of tetracycline on layered manganese dioxide birnessite. International Journal of Environmental Science and Technology, 2015, 12, 1695-1704. | 3.5 | 30 |
| 21 | Mechanism of amitriptyline adsorption on Ca-montmorillonite (SAz-2). Journal of Hazardous Materials, 2014, 277, 44-52. | 12.4 | 39 |
| 22 | Desorption of tetracycline from montmorillonite by aluminum, calcium, and sodium: an indication of intercalation stability. International Journal of Environmental Science and Technology, 2014, 11, 633-644. | 3.5 | 36 |
| 23 | Modification of a Ca-montmorillonite with ionic liquids and its application for chromate removal. Journal of Hazardous Materials, 2014, 270, 169-175. | 12.4 | 36 |
| 24 | Removal of ciprofloxacin from water by birnessite. Journal of Hazardous Materials, 2013, 250-251, 362-369. | 12.4 | 121 |
| 25 | Adsorption of tetracycline on 2:1 layered non-swelling clay mineral illite. Applied Clay Science, 2012, 67-68, 158-163. | 5.2 | 148 |
| 26 | Mechanism of chlorpheniramine adsorption on Ca-montmorillonite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 385, 213-218. | 4.7 | 42 |
| 27 | Mechanism of acridine orange removal from water by low-charge swelling clays. Chemical Engineering Journal, 2011, 174, 603-611. | 12.7 | 30 |
| 28 | Removal of arsenic from water using Fe-exchanged natural zeolite. Journal of Hazardous Materials, 2011, 187, 318-323. | 12.4 | 96 |
| 29 | Mechanism of methylene blue removal from water by swelling clays. Chemical Engineering Journal, 2011, 168, 1193-1200. | 12.7 | 105 |
| 30 | Removal of diphenhydramine from water by swelling clay minerals. Journal of Colloid and Interface Science, 2011, 360, 227-232. | 9.4 | 37 |
| 31 | Interaction between tetracycline and smectite in aqueous solution. Journal of Colloid and Interface Science, 2010, 341, 311-319. | 9.4 | 177 |
| 32 | Sorptive removal of tetracycline from water by palygorskite. Journal of Hazardous Materials, 2009, 165, 148-155. | 12.4 | 240 |
| 33 | Mechanism of tetracycline sorption on rectorite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 339, 94-99. | 4.7 | 124 |
| 34 | Adsorption and intercalation of tetracycline by swelling clay minerals. Applied Clay Science, 2009, 46, 27-36. | 5.2 | 154 |
| 35 | Adsorption of tetracycline on montmorillonite: influence of solution pH, temperature, and ionic strength. Desalination and Water Treatment, 0, , 1-13. | 1.0 | 13 |