# Linfeng Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9577542/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 41 papers | 1,521 citations | 361296 20 h-index | 315616 38 g-index |
| 41 all docs | 41 docs citations | 41 times ranked | 1465 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Identification and manipulation of active centers on perovskites to enhance catalysis of peroxymonosulfate for degradation of emerging pollutants in water. Journal of Hazardous Materials, 2022, 424, 127384. | 6.5 | 21 |
| 2 | Anionic ligands driven efficient ofloxacin degradation over LaMnO3 suspended particles in water due to the enhanced peroxymonosulfate activation. Chemical Engineering Journal, 2022, 427, 130998. | 6.6 | 17 |
| 3 | Effects of Lewis acid-base site and oxygen vacancy in MgAl minerals on peroxymonosulfate activation towards sulfamethoxazole degradation via radical and non-radical mechanism. Separation and Purification Technology, 2022, 286, 120437. | 3.9 | 7 |
| 4 | Surface acidity and basicity of Mg/Al hydrotalcite for 2, 4-dichlorophenoxyacetic acid degradation with ozone: Mineralization, mechanism, and implications to practical water treatment. Journal of Hazardous Materials, 2021, 402, 123475. | 6.5 | 18 |
| 5 | Systematic assessment of dredged sludge dewaterability improvement with different organic polymers based on analytic hierarchy process. Journal of Environmental Sciences, 2021, 103, 311-321. | 3.2 | 21 |
| 6 | Application of Heterogeneous Nanocatalysis-Based Advanced Oxidation Processes in Water Purification. , 2021, , 2941-2987. | | 0 |
| 7 | Application of Heterogeneous Nanocatalysis-Based Advanced Oxidation Processes in Water Purification. , 2021, , 1-47. | | 0 |
| 8 | Copper in LaMnO3 to promote peroxymonosulfate activation by regulating the reactive oxygen species in sulfamethoxazole degradation. Journal of Hazardous Materials, 2021, 411, 125163. | 6.5 | 65 |
| 9 | Enhanced peroxymonosulfate decomposition into OH and 1O2 for sulfamethoxazole degradation over Se doped g-C3N4 due to induced exfoliation and N vacancies formation. Separation and Purification Technology, 2021, 267, 118664. | 3.9 | 24 |
| 10 | pH-dependent oxidation mechanisms over FeCu doped g-C3N4 for ofloxacin degradation via the efficient peroxymonosulfate activation. Journal of Cleaner Production, 2021, 315, 128207. | 4.6 | 50 |
| 11 | Influence of flocculation conditioning on environmental risk of heavy metals in dredged sediment. Journal of Environmental Management, 2021, 297, 113313. | 3.8 | 9 |
| 12 | Performance and mechanisms of wastewater sludge conditioning withÂslag-based hydrotalcite-like minerals (Ca/Mg/Al-LDH). Water Research, 2020, 169, 115265. | 5.3 | 57 |
| 13 | Surface weak acid-base pair of FeOOH/Al2O3 for enhanced peroxymonosulfate activation in degradation of humic substances from water. Chemical Engineering Journal, 2020, 387, 124064. | 6.6 | 26 |
| 14 | Fe3O4@S-doped ZnO: A magnetic, recoverable, and reusable Fenton-like catalyst for efficient degradation of ofloxacin under alkaline conditions. Environmental Research, 2020, 186, 109626. | 3.7 | 16 |
| 15 | Efficient fenton-like degradation of ofloxacin over bimetallic Feâ€“Cu@Sepiolite composite. Chemosphere, 2020, 257, 127209. | 4.2 | 30 |
| 16 | Comprehensive assessment of flocculation conditioning of dredged sediment using organic polymers: Dredged sediment dewaterability and release of pollutants. Science of the Total Environment, 2020, 739, 139884. | 3.9 | 22 |
| 17 | Significant enhancement of photo-Fenton degradation of ofloxacin over Fe-Dis@Sep due to highly dispersed FeC6 with electron deficiency. Science of the Total Environment, 2020, 723, 138144. | 3.9 | 16 |
| 18 | Current Water Treatment Technologies. , 2020, , 1-47. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Safe and efficient degradation of metronidazole using highly dispersed Î²-FeOOH on palygorskite as heterogeneous Fenton-like activator of hydrogen peroxide. Chemosphere, 2019, 236, 124367. | 4.2 | 28 |
| 20 | Construction of salicylaldehyde analogues as turn-on fluorescence probes and their electronic effect on sensitive and selective detection of As(<scp>v</scp>) in groundwater. Analytical Methods, 2019, 11, 955-964. | 1.3 | 9 |
| 21 | Characterization of the effect of surfactant on biomass adaptation and microbial community in sewage treatment by anaerobic membrane bioreactor. Journal of Industrial and Engineering Chemistry, 2019, 76, 268-276. | 2.9 | 9 |
| 22 | Novel Colorimetric Method for Simultaneous Detection and Identification of Multimetal Ions in Water: Sensitivity, Selectivity, and Recognition Mechanism. ACS Omega, 2019, 4, 5915-5922. | 1.6 | 34 |
| 23 | Enhanced 2, 4-dichlorophenol degradation at pH 3â€“11 by peroxymonosulfate via controlling the reactive oxygen species over Ce substituted 3D Mn2O3. Chemical Engineering Journal, 2019, 355, 448-456. | 6.6 | 105 |
| 24 | Promoted peroxymonosulfate activation into singlet oxygen over perovskite for ofloxacin degradation by controlling the oxygen defect concentration. Chemical Engineering Journal, 2019, 359, 828-839. | 6.6 | 213 |
| 25 | A carbon-dot-based dual-emission probe for ultrasensitive visual detection of copper ions. New Journal of Chemistry, 2018, 42, 19771-19778. | 1.4 | 11 |
| 26 | Novel AIEgens with a 3,5-dibromobenzaldehyde skeleton: molecular design, synthesis, tunable emission and detection application. Analytical Methods, 2018, 10, 5486-5492. | 1.3 | 4 |
| 27 | Surface deep oxidation of ofloxacin and 2,4-dichlorophenol over ferrocene@sepiolite due to their synergistic effect in visible light driven heterogeneous Fenton reaction process. Environmental Science: Nano, 2018, 5, 1943-1950. | 2.2 | 13 |
| 28 | Biogenic manganese oxide: An efficient peroxymonosulfate activation catalyst for tetracycline and phenol degradation in water. Chemical Engineering Journal, 2018, 352, 469-476. | 6.6 | 129 |
| 29 | Enhanced peroxymonosulfate activation for phenol degradation over MnO2 at pH 3.5â€“9.0 via Cu(II) substitution. Journal of Hazardous Materials, 2018, 360, 303-310. | 6.5 | 111 |
| 30 | Synthesis of highly effective absorbents with waste quenching blast furnace slag to remove Methyl Orange from aqueous solution. Journal of Environmental Sciences, 2017, 53, 68-77. | 3.2 | 46 |
| 31 | Design and synthesis of a molecule with aggregation-induced emission effects and its application in the detection of arsenite in groundwater. Journal of Materials Chemistry C, 2017, 5, 3669-3672. | 2.7 | 32 |
| 32 | A novel singlet oxygen involved peroxymonosulfate activation mechanism for degradation of ofloxacin and phenol in water. Chemical Communications, 2017, 53, 6589-6592. | 2.2 | 154 |
| 33 | Visual determination of ferric ions in aqueous solution based on a high selectivity and sensitivity ratiometric fluorescent nanosensor. Analytical Methods, 2017, 9, 5935-5942. | 1.3 | 15 |
| 34 | Transfer behavior of odorous pollutants in wastewater sludge system under typical chemical conditioning processes for dewaterability enhancement. Scientific Reports, 2017, 7, 3417. | 1.6 | 6 |
| 35 | Highly selective and sensitive determination of copper ion based on a visual fluorescence method. Sensors and Actuators B: Chemical, 2017, 240, 66-75. | 4.0 | 59 |
| 36 | Synthesis Method of White Carbon Black Utilizing Water-Quenching Blast Furnace Slag. Energy & Fuels, 2016, 30, 9645-9651. | 2.5 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | H<sub>2</sub>S emission in sludge conditioning with different inorganic salt coagulants and its relationships with sludge properties. RSC Advances, 2016, 6, 83060-83068. | 1.7 | 4 |
| 38 | A ratiometric fluorescence nanosensor for highly selective and sensitive detection of selenite. Analyst, The, 2016, 141, 4685-4693. | 1.7 | 23 |
| 39 | Facile synthesis of hierarchical dendrite-like structure iron layered double hydroxide nanohybrids for effective arsenic removal. Chemical Communications, 2016, 52, 11955-11958. | 2.2 | 40 |
| 40 | Potassium cation induced controllable synthesis of CAN zeolite hollow microspheres. Microporous and Mesoporous Materials, 2016, 225, 365-370. | 2.2 | 14 |
| 41 | Well-dispersed magnetic iron oxide nanocrystals on sepiolite nanofibers for arsenic removal. RSC Advances, 2015, 5, 25236-25243. | 1.7 | 50 |