# Li Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1333963/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 41 papers | 1,522 citations | 394286 19 h-index | 315616 38 g-index |
| 41 all docs | 41 docs citations | 41 times ranked | 1075 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Montmorillonite facilitated Pb(II) biomineralization by Chlorella sorokiniana FK in soil. Journal of Hazardous Materials, 2022, 423, 127007. | 6.5 | 21 |
| 2 | An efficient, green and sustainable potassium hydroxide activated magnetic corn cob biochar for imidacloprid removal. Chemosphere, 2022, 291, 132707. | 4.2 | 15 |
| 3 | Cyanobacterial persistence and influence on microbial community dynamics over 15â€‰years in induced biocrusts. Environmental Microbiology, 2022, 24, 66-81. | 1.8 | 9 |
| 4 | Nitrogen concentration acting as an environmental signal regulates cyanobacterial EPS excretion. Chemosphere, 2022, 291, 132878. | 4.2 | 8 |
| 5 | Microalgae fuel cells enhanced biodegradation of imidacloprid by Chlorella sp.. Biochemical Engineering Journal, 2022, 179, 108327. | 1.8 | 9 |
| 6 | Efficient adsorptive removal of fluoroquinolone antibiotics from water by alkali and bimetallic salts co-hydrothermally modified sludge biochar. Environmental Pollution, 2022, 298, 118833. | 3.7 | 45 |
| 7 | Physical Disturbance Reduces Cyanobacterial Relative Abundance and Substrate Metabolism Potential of Biological Soil Crusts on a Gold Mine Tailing of Central China. Frontiers in Microbiology, 2022, 13, 811039. | 1.5 | 3 |
| 8 | Novel insights into the mechanism of periodate activation by heterogeneous ultrasonic-enhanced sludge biochar: Relevance for efficient degradation of levofloxacin. Journal of Hazardous Materials, 2022, 434, 128860. | 6.5 | 44 |
| 9 | Periodate-based oxidation focusing on activation, multivariate-controlled performance and mechanisms for water treatment and purification. Separation and Purification Technology, 2022, 289, 120746. | 3.9 | 17 |
| 10 | Efficient removal of Imidacloprid and nutrients by microalgaeâ€bacteria consortium in municipal wastewater: effects, mechanism, and importance of light. Journal of Chemical Technology and Biotechnology, 2022, 97, 2747-2755. | 1.6 | 10 |
| 11 | One-pot hydrothermal synthesis of magnetic N-doped sludge biochar for efficient removal of tetracycline from various environmental waters. Separation and Purification Technology, 2022, 297, 121426. | 3.9 | 32 |
| 12 | Inoculation concentration modulating the secretion and accumulation pattern of exopolysaccharides in desert cyanobacterium Microcoleus vaginatus. Biotechnology and Applied Biochemistry, 2021, 68, 330-337. | 1.4 | 3 |
| 13 | Hydrothermal synthesis of magnetic sludge biochar for tetracycline and ciprofloxacin adsorptive removal. Bioresource Technology, 2021, 319, 124199. | 4.8 | 175 |
| 14 | Effects of vegetation on bacterial communities, carbon and nitrogen in dryland soil surfaces: implications for shrub encroachment in the southwest Kalahari. Science of the Total Environment, 2021, 764, 142847. | 3.9 | 15 |
| 15 | A novel, efficient and sustainable magnetic sludge biochar modified by graphene oxide for environmental concentration imidacloprid removal. Journal of Hazardous Materials, 2021, 407, 124777. | 6.5 | 60 |
| 16 | A novel of transforming wastewater pollution into resources for desertification control by sand-consolidating cyanobacteria, Scytonema javanicum. Environmental Science and Pollution Research, 2021, 28, 13861-13872. | 2.7 | 2 |
| 17 | Synergistic heat/UV activated persulfate for the treatment of nanofiltration concentrated leachate. Ecotoxicology and Environmental Safety, 2021, 208, 111522. | 2.9 | 31 |
| 18 | Adsorptive removal of imidacloprid by potassium hydroxide activated magnetic sugarcane bagasse biochar: Adsorption efficiency, mechanism and regeneration. Journal of Cleaner Production, 2021, 292, 126005. | 4.6 | 62 |

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|---|---|---|---|
| 19 | Review on plant uptake of PFOS and PFOA for environmental cleanup: potential and implications. Environmental Science and Pollution Research, 2021, 28, 30459-30470. | 2.7 | 12 |
| 20 | Highly efficient removal of imidacloprid using potassium hydroxide activated magnetic microporous loofah sponge biochar. Science of the Total Environment, 2021, 765, 144253. | 3.9 | 37 |
| 21 | Efficient degradation of diclofenac sodium by periodate activation using Fe/Cu bimetallic modified sewage sludge biochar/UV system. Science of the Total Environment, 2021, 783, 146974. | 3.9 | 79 |
| 22 | Cyanobacterial community composition and their functional shifts associated with biocrust succession in the Gurbantunggut Desert. Environmental Microbiology Reports, 2021, 13, 884-898. | 1.0 | 8 |
| 23 | Combined electrosorption and chemisorption of As(III) in aqueous solutions with manganese dioxide as the electrode. Environmental Technology and Innovation, 2021, 24, 101832. | 3.0 | 7 |
| 24 | Comparing the nitrogen removal performance and microbial communities of flocs-granules hybrid and granule-based CANON systems. Science of the Total Environment, 2020, 703, 134949. | 3.9 | 14 |
| 25 | UV/SO32â˜ based advanced reduction processes of aqueous contaminants: Current status and prospects. Chemical Engineering Journal, 2020, 397, 125412. | 6.6 | 48 |
| 26 | Effects of ambient temperature on the redistribution efficiency of nutrients by desert cyanobacteria-Scytonema javanicum. Science of the Total Environment, 2020, 737, 139733. | 3.9 | 6 |
| 27 | Kinetics and mechanisms of chloramphenicol degradation in aqueous solutions using heat-assisted nZVI activation of persulfate. Journal of Molecular Liquids, 2020, 313, 113511. | 2.3 | 19 |
| 28 | Carbon nanotube supported sludge biochar as an efficient adsorbent for low concentrations of sulfamethoxazole removal. Science of the Total Environment, 2020, 718, 137299. | 3.9 | 77 |
| 29 | Hydrothermal Enhanced Nanoscale Zero-Valent Iron Activated Peroxydisulfate Oxidation of Chloramphenicol in Aqueous Solutions: Fe-Speciation Analysis and Modeling Optimization. Water (Switzerland), 2020, 12, 131. | 1.2 | 5 |
| 30 | Persulfate-based degradation of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) in aqueous solution: Review on influences, mechanisms and prospective. Journal of Hazardous Materials, 2020, 393, 122405. | 6.5 | 150 |
| 31 | Temperature modulating sand-consolidating cyanobacterial biomass, nutrients removal and bacterial community dynamics in municipal wastewater. Bioresource Technology, 2020, 301, 122758. | 4.8 | 9 |
| 32 | Iron/zinc and phosphoric acid modified sludge biochar as an efficient adsorbent for fluoroquinolones antibiotics removal. Ecotoxicology and Environmental Safety, 2020, 196, 110550. | 2.9 | 93 |
| 33 | Review on ultrasound assisted persulfate degradation of organic contaminants in wastewater: Influences, mechanisms and prospective. Chemical Engineering Journal, 2019, 378, 122146. | 6.6 | 145 |
| 34 | Highly efficient nickel (II) removal by sewage sludge biochar supported Î±-Fe2O3 and Î±-FeOOH: Sorption characteristics and mechanisms. PLoS ONE, 2019, 14, e0218114. | 1.1 | 26 |
| 35 | A visualized investigation on the intellectual structure and evolution of waste printed circuit board research during 2000â€“2016. Environmental Science and Pollution Research, 2019, 26, 11336-11341. | 2.7 | 16 |
| 36 | Nutrient transferring from wastewater to desert through artificial cultivation of desert cyanobacteria. Bioresource Technology, 2018, 247, 947-953. | 4.8 | 29 |

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|---|---|---|---|
| 37 | A new biofilm based microalgal cultivation approach on shifting sand surface for desert cyanobacterium Microcoleus vaginatus. Bioresource Technology, 2017, 238, 602-608. | 4.8 | 31 |
| 38 | Photosynthetic recovery and acclimation to excess light intensity in the rehydrated lichen soil crusts. PLoS ONE, 2017, 12, e0172537. | 1.1 | 11 |
| 39 | Effects of light and temperature on open cultivation of desert cyanobacterium Microcoleus vaginatus. Bioresource Technology, 2015, 182, 144-150. | 4.8 | 59 |
| 40 | Analysis of environmental factors determining development and succession in biological soil crusts. Science of the Total Environment, 2015, 538, 492-499. | 3.9 | 63 |
| 41 | Longitudinal Photosynthetic Gradient in Crust Lichensâ€™ Thalli. Microbial Ecology, 2014, 67, 888-896. | 1.4 | 17 |