

# Changyong Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1613444/publications.pdf>

Version: 2024-02-01

14  
papers

252  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

286  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Bone Char Mediated Dechlorination of Trichloroethylene by Green Rust. <i>Environmental Science &amp; Technology</i> , 2020, 54, 3643-3652.   | 10.0 | 44        |
| 2  | Recyclable high-affinity arsenate sorbents based on porous Fe <sub>2</sub> O <sub>3</sub> /La <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> composites derived from Fe-La-C frameworks. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124018.       | 4.7  | 28        |
| 3  | Stability of magnetic LDH composites used for phosphate recovery. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 660-668.  | 9.4  | 28        |
| 4  | Biochar catalyzed dechlorination – Which biochar properties matter?. <i>Journal of Hazardous Materials</i> , 2021, 406, 124724.  | 12.4 | 28        |
| 5  | Ultra-fast microwave-assisted reverse microemulsion synthesis of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell nanoparticles as a highly recyclable silver nanoparticle catalytic platform in the reduction of 4-nitroaniline. <i>RSC Advances</i> , 2016, 6, 88762-88769. | 3.6  | 27        |
| 6  | High affinity lanthanum doped iron oxide nanosheets for phosphate removal. <i>Chemical Engineering Journal</i> , 2021, 422, 130009.  | 12.7 | 18        |
| 7  | Increasing plant phosphorus availability in thermally treated sewage sludge by post-process oxidation and particle size management. <i>Waste Management</i> , 2021, 120, 716-724.  | 7.4  | 16        |
| 8  | Preparation and Characterization of Nanoparticle-Doped Polymer Inclusion Membranes. Application to the Removal of Arsenate and Phosphate from Waters. <i>Materials</i> , 2021, 14, 878.  | 2.9  | 12        |
| 9  | Element doping of biochars enhances catalysis of trichloroethylene dechlorination. <i>Chemical Engineering Journal</i> , 2022, 428, 132496.  | 12.7 | 12        |
| 10 | A zero-valent iron and zeolite filter for nitrate recycling from agricultural drainage water. <i>Chemosphere</i> , 2022, 287, 131993.  | 8.2  | 11        |
| 11 | Tuning the stability and phosphate sorption of novel MnII/IVFeII/III layered double hydroxides. <i>Chemical Engineering Journal</i> , 2022, 429, 132177.   | 12.7 | 10        |
| 12 | A Heterogeneous Ruthenium dmsO Complex Supported onto Silica Particles as a Recyclable Catalyst for the Efficient Hydration of Nitriles in Aqueous Medium. <i>Inorganic Chemistry</i> , 2019, 58, 8460-8470.   | 4.0  | 9         |
| 13 | Novel Fe <sub>3</sub> O <sub>4</sub> @GNF@SiO <sub>2</sub> nanocapsules fabricated through the combination of an in situ formation method and SiO <sub>2</sub> coating process for magnetic resonance imaging. <i>RSC Advances</i> , 2017, 7, 24690-24697.                               | 3.6  | 8         |
| 14 | Reductive debromination of bromo-substituted C <sub>2</sub> aliphatics using a biochar-iron(II) composite. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2243-2252.  | 3.2  | 1         |