

# Haixiao Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5059168/publications.pdf>

Version: 2024-02-01

10  
papers

339  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

71  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect and ameliorative mechanisms of polyoxometalates on the denitrification under sulfonamide antibiotics stress. <i>Bioresource Technology</i> , 2020, 305, 123073.  | 9.6 | 58        |
| 2  | Enhanced denitrification performance and biocatalysis mechanisms of polyoxometalates as environmentally-friendly inorganic redox mediators. <i>Bioresource Technology</i> , 2019, 291, 121816.                                  | 9.6 | 43        |
| 3  | Insights into Fe(â€¦)-sulfite-based pretreatment strategy for enhancing short-chain fatty acids (SCFAs) production from waste activated sludge: Performance and mechanism. <i>Bioresource Technology</i> , 2022, 353, 127143.   | 9.6 | 42        |
| 4  | Unveiling the mechanisms of how vivianite affects anaerobic digestion of waste activated sludge. <i>Bioresource Technology</i> , 2022, 343, 126045.   | 9.6 | 38        |
| 5  | Performance and mechanism of sodium percarbonate (SPC) enhancing short-chain fatty acids production from anaerobic waste activated sludge fermentation. <i>Journal of Environmental Management</i> , 2022, 313, 115025.         | 7.8 | 37        |
| 6  | Enhancing Methane Production from Anaerobic Digestion of Waste Activated Sludge through a Novel Sodium Percarbonate (SPC) Pretreatment: Reaction Kinetics and Mechanisms. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1326-1340. | 7.6 | 35        |
| 7  | Insight into the enhancing short-chain fatty acids (SCFAs) production from waste activated sludge via polyoxometalates pretreatment: Mechanisms and implications. <i>Science of the Total Environment</i> , 2021, 800, 149392.  | 8.0 | 33        |
| 8  | Unveiling the mechanisms of a novel polyoxometalates (POMs)-based pretreatment technology for enhancing methane production from waste activated sludge. <i>Bioresource Technology</i> , 2021, 342, 125934.                      | 9.6 | 20        |
| 9  | Potassium permanganate pretreatment effectively improves methane production from anaerobic digestion of waste activated sludge: Reaction kinetics and mechanisms. <i>Science of the Total Environment</i> , 2022, 847, 157402.  | 8.0 | 17        |
| 10 | Improved methane production from the two-phase anaerobic digestion and dewaterability of anaerobically digested sludge by Î²-cyclodextrin pretreatment. <i>Journal of Cleaner Production</i> , 2022, 363, 132484.               | 9.3 | 16        |