

Mekdimu Mezemir Damtie

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

629
citations

758635

12
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

658
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Enhancing performances of polyamide thin film composite membranes via co-solvent assisted interfacial polymerization. <i>Desalination</i> , 2022, 524, 115481. | 4.0 | 11 |
| 2 | Identification of factors affecting removal of antibiotic resistance genes in full-scale anaerobic digesters treating organic solid wastes. <i>Bioresource Technology</i> , 2022, 351, 126929. | 4.8 | 5 |
| 3 | Simultaneous adsorption and degradation of bisphenol A on magnetic illite clay composite: Eco-friendly preparation, characterizations, and catalytic mechanism. <i>Journal of Cleaner Production</i> , 2021, 287, 125068. | 4.6 | 23 |
| 4 | Ammonia recovery from human urine as liquid fertilizers in hollow fiber membrane contactor: Effects of permeate chemistry. <i>Environmental Engineering Research</i> , 2021, 26, . | 1.5 | 21 |
| 5 | Use of autoclaved aerated concrete particles for simultaneous removal of nitrogen and phosphorus as filter media from domestic wastewater. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 3032-3042. | 1.2 | 9 |
| 6 | Reverse osmosis membrane fabrication and modification technologies and future trends: A review. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102100. | 7.0 | 137 |
| 7 | Synergistic Co-Digestion of Microalgae and Primary Sludge to Enhance Methane Yield from Temperature-Phased Anaerobic Digestion. <i>Energies</i> , 2020, 13, 4547. | 1.6 | 12 |
| 8 | Catalytic degradation of P-chlorophenol by muscovite-supported nano zero valent iron composite: Synthesis, characterization, and mechanism studies. <i>Applied Clay Science</i> , 2020, 195, 105735. | 2.6 | 45 |
| 9 | Bentonite-supported nano zero-valent iron composite as a green catalyst for bisphenol A degradation: Preparation, performance, and mechanism of action. <i>Journal of Environmental Management</i> , 2020, 260, 110105. | 3.8 | 57 |
| 10 | Membrane-based technologies for zero liquid discharge and fluoride removal from industrial wastewater. <i>Chemosphere</i> , 2019, 236, 124288. | 4.2 | 36 |
| 11 | Analysis of mass transfer behavior in membrane distillation: Mathematical modeling under various conditions. <i>Chemosphere</i> , 2019, 236, 124289. | 4.2 | 16 |
| 12 | Green Synthesis of Fe ₃ O ₄ @Carbon Filter Media for Simultaneous Phosphate Recovery and Nitrogen Removal from Domestic Wastewater in Biological Aerated Filters. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16698-16709. | 3.2 | 19 |
| 13 | Removal of fluoride in membrane-based water and wastewater treatment technologies: Performance review. <i>Journal of Environmental Management</i> , 2019, 251, 109524. | 3.8 | 76 |
| 14 | Rectorite-supported nano-Fe ₃ O ₄ composite materials as catalyst for P-chlorophenol degradation: Preparation, characterization, and mechanism. <i>Applied Clay Science</i> , 2019, 176, 66-77. | 2.6 | 55 |
| 15 | Green synthesis and application of nanoscale zero-valent iron/rectorite composite material for P-chlorophenol degradation via heterogeneous Fenton reaction. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 864-878. | 2.4 | 42 |
| 16 | Membrane distillation for industrial wastewater treatment: Studying the effects of membrane parameters on the wetting performance. <i>Chemosphere</i> , 2018, 206, 793-801. | 4.2 | 58 |
| 17 | Modeling and application of direct contact membrane distillation for fluoride removal from aqueous solutions. , 0, , 23-40. | | 2 |
| 18 | Modeling and application of direct contact membrane distillation for fluoride removal from aqueous solutions. , 0, 97, 23-40. | | 5 |