

Selamawit Ashagre Messele

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

603
citations

1039406

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docs citations

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626
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biochar properties and lead(II) adsorption capacity depend on feedstock type, pyrolysis temperature, and steam activation. <i>Chemosphere</i> , 2019, 231, 393-404. | 4.2 | 195 |
| 2 | Adsorption of metals from oil sands process water (OSPW) under natural pH by sludge-based Biochar/Chitosan composite. <i>Water Research</i> , 2021, 194, 116930. | 5.3 | 97 |
| 3 | Comparison of UV/hydrogen peroxide, potassium ferrate(VI), and ozone in oxidizing the organic fraction of oil sands process-affected water (OSPW). <i>Water Research</i> , 2016, 100, 476-485. | 5.3 | 71 |
| 4 | Isolated cellulose nanofibers for Cu (II) and Zn (II) removal: performance and mechanisms. <i>Carbohydrate Polymers</i> , 2019, 221, 231-241. | 5.1 | 69 |
| 5 | Kinetics study on the degradation of a model naphthenic acid by ethylenediamine-N,Nâ€™-disuccinic acid-modified Fenton process. <i>Journal of Hazardous Materials</i> , 2016, 318, 371-378. | 6.5 | 61 |
| 6 | Pristine and engineered biochar for the removal of contaminants co-existing in several types of industrial wastewaters: A critical review. <i>Science of the Total Environment</i> , 2022, 809, 151120. | 3.9 | 44 |
| 7 | Adsorption of organic matter in oil sands process water (OSPW) by carbon xerogel. <i>Water Research</i> , 2019, 154, 402-411. | 5.3 | 33 |
| 8 | Catalytic ozonation of naphthenic acids in the presence of carbon-based metal-free catalysts: Performance and kinetic study. <i>Catalysis Today</i> , 2021, 361, 102-108. | 2.2 | 15 |
| 9 | Mesoporous carbon xerogel material for the adsorption of model naphthenic acids: structure effect and kinetics modelling. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 3534-3543. | 1.2 | 9 |
| 10 | Coagulation-flocculation followed by catalytic ozonation processes for enhanced primary treatment during wet weather conditions. <i>Journal of Environmental Management</i> , 2021, 283, 111975. | 3.8 | 9 |