

Kebede K Kefeni

List of Publications by Year in descending order

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17
papers

1,704
citations

623734

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888059

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all docs

17
docs citations

17
times ranked

1934
citing authors

#	ARTICLE	IF	CITATIONS
1	Brewery industrial wastewater treatment through mesocosm horizontal subsurface flow constructed wetland. <i>Environment Systems and Decisions</i> , 2022, 42, 265-275.	3.4	4
2	The potential of biochar-photocatalytic nanocomposites for removal of organic micropollutants from wastewater. <i>Science of the Total Environment</i> , 2022, 829, 154648.	8.0	55
3	Magnetically separable samarium doped copper ferrite-graphitic carbon nitride nanocomposite for photodegradation of dyes and pharmaceuticals under visible light irradiation. <i>Journal of Water Process Engineering</i> , 2022, 48, 102898.	5.6	10
4	Cobalt ferrite nanoparticles and nanocomposites: Photocatalytic, antimicrobial activity and toxicity in water treatment. <i>Materials Science in Semiconductor Processing</i> , 2021, 123, 105523.	4.0	87
5	Microplastics in the Aquatic Environment—The Occurrence, Sources, Ecological Impacts, Fate, and Remediation Challenges. <i>Pollutants</i> , 2021, 1, 95-118.	2.1	27
6	Synthesis of single-phase superparamagnetic copper ferrite nanoparticles using an optimized coprecipitation method. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115368.	3.5	24
7	Spinel ferrite nanoparticles and nanocomposites for biomedical applications and their toxicity. <i>Materials Science and Engineering C</i> , 2020, 107, 110314.	7.3	155
8	Ultrathin NiFeS Nanomeshes with Sulfur Vacancy for Electrocatalytic Hydrogen Evolution. <i>ChemElectroChem</i> , 2020, 7, 2199-2204.	3.4	5
9	Trace samarium doped graphitic carbon nitride photocatalytic activity toward metanil yellow dye degradation under visible light irradiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125107.	4.7	22
10	Recent advances in copper ferrite nanoparticles and nanocomposites synthesis, magnetic properties and application in water treatment: Review. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103179.	6.7	166
11	Synthesis and application of hematite nanoparticles for acid mine drainage treatment. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1865-1874.	6.7	60
12	Magnetite and cobalt ferrite nanoparticles used as seeds for acid mine drainage treatment. <i>Journal of Hazardous Materials</i> , 2017, 333, 308-318.	12.4	36
13	Acid mine drainage: Prevention, treatment options, and resource recovery: A review. <i>Journal of Cleaner Production</i> , 2017, 151, 475-493.	9.3	534
14	Ferrite nanoparticles: Synthesis, characterisation and applications in electronic device. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 215, 37-55.	3.5	405
15	Integrated acid mine drainage treatment using Mg(OH) ₂ or Mg(HCO ₃) ₂ and Ca(OH) ₂ : Implications for separate removal of metals and sulphate. <i>International Journal of Mineral Processing</i> , 2016, 155, 83-90.	2.6	32
16	Metals and sulphate removal from acid mine drainage in two steps via ferrite sludge and barium sulphate formation. <i>Minerals Engineering</i> , 2015, 81, 79-87.	4.3	26
17	Synthesis and characterization of magnetic nanoparticles and study their removal capacity of metals from acid mine drainage. <i>Chemical Engineering Journal</i> , 2015, 276, 222-231.	12.7	56