Okan Icten

List of Publications by Year
in descending order

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20 papers	191 citations	1162367 8 h-index	1058022 14 g-index
21 all docs	21 docs citations	21 times ranked	223 citing authors

#	Article	IF	Citations
1	Electrolysis of coal slurries to produce hydrogen gas: Effects of different factors on hydrogen yield. International Journal of Hydrogen Energy, 2011, 36, 12249-12258.	3.8	32
2	Gadolinium borate and iron oxide bioconjugates: Nanocomposites of next generation with multifunctional applications. Materials Science and Engineering C, 2018, 92, 317-328.	3.8	26
3	Magnetite doped metalâ€“organic framework nanocomposites: an efficient adsorbent for removal of bisphenol-A pollutant. New Journal of Chemistry, 2021, 45, 2157-2166.	1.4	17
4	Magnetic nanocomposites of boron and vitamin C. New Journal of Chemistry, 2017, 41, 3646-3652.	1.4	15
5	The mixed ligand complexes of Co(II), Ni(II), Cu(II) and Zn(II) with coumarilic acid/1,10-phenanthroline. Journal of Thermal Analysis and Calorimetry, 2019, 136, 1467-1480.	2.0	15
6	MIL-100(Fe) metalâ€“organic framework catalyzed oxidation of phenol revisited: dark-Fenton activity of the catalyst. Research on Chemical Intermediates, 2020, 46, 909-922.	1.3	15
7	Boron isotopic fractionation in aqueous boric acid solutions over synthetic minerals: Effect of layer and surface charge on fractionation factor. Applied Clay Science, 2015, 107, 117-121.	2.6	13
8	Fabrication and characterization of magnetite-gadolinium borate nanocomposites. Journal of Alloys and Compounds, 2017, 726, 437-444.	2.8	13
9	Production of Magnetic Nanoâ€bioconjugates via Ball Milling of Commercial Boron Powder with Biomolecules. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 828-832.	0.6	8
10	Boron doped cryptomelane as a highly efficient electrocatalyst for the oxygen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 39810-39821.	3.8	8
11	Preparation of Gadoliniumâ€Based Metalâ€Organic Frameworks and the Modification with Boronâ€10 Isotope: A Potential Dual Agent for MRI and Neutron Capture Therapy Applications. ChemistrySelect, 2021, 6, 1900-1910.	0.7	5
12	Functional nanocomposites: promising candidates for cancer diagnosis and treatment. , 2021, , 279-340.		4
13	Solution Combustion Synthesis of Iron Oxyborate (Fe3BO6). Journal of the Turkish Chemical Society, Section A: Chemistry, 2019, 6, 97-102.	0.4	4
14	Facile synthesis of vanadium oxide supported on Fe2O3@SiO2 composite: An effective catalyst for oxidative dehydrogenation reaction of tetrahydrocarbazole. Ceramics International, 2020, 46, 13762-13767.	2.3	3
15	Energetic aspects of elemental boron: a mini-review. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 182-194.	1.2	3
16	The Design of Gold Decorated Iron Borates (Fe₃BO₆ and FeBO₃) for Photothermal Therapy and Boron Carriers. European Journal of Inorganic Chemistry, 2021, 2021, 1985-1992.	1.0	3
17	Manganese Oxoborateâ€Based Nanostructures as Novel Oxygen Evolution Catalysts in Neutral Media. ChemNanoMat, 0, , .	1.5	3
18	Design and Development of Gold-Loaded and Boron-Attached Multicore Manganese Ferrite Nanoparticles as a Potential Agent in Biomedical Applications. ACS Omega, 2022, 7, 20195-20203.	1.6	3

#	Article	IF	Citations
19	Solventâ€“Free Oxidation of Benzyl Alcohol Over Mechanochemically Prepared Fe3BO6â€“CeO2 Catalyst. Catalysis Letters, 2023, 153, 1719-1725.	1.4	1
20	Zwitterionic amino acids as precursors for nonmetal cation pentaborate salts. Journal of the Chinese Chemical Society, 2020, 67, 1849-1855.	0.8	0