

# Gökhan Elmacı

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

508  
citations

687363

13  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

440  
citing authors

#	ARTICLE	IF	CITATIONS
1	MnO <sub>2</sub> nanowires anchored on mesoporous graphitic carbon nitride (MnO <sub>2</sub> @mpg-C <sub>3</sub> N <sub>4</sub> ) as a highly efficient electrocatalyst for the oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 17995-18006.	7.1	73
2	Water Oxidation Catalysis by Birnessite@Iron Oxide Core-Shell Nanocomposites. <i>Inorganic Chemistry</i> , 2015, 54, 2734-2741.	4.0	56
3	Water oxidation catalysis by using nano-manganese ferrite supported 1D-(tunnelled), 2D-(layered) and 3D-(spinel) manganese oxides. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8812-8821.	10.3	51
4	Doping strategy-tuned non-radical pathway on manganese oxide for catalytic degradation of parabens. <i>Chemical Engineering Journal</i> , 2022, 442, 136180.	12.7	41
5	Liquid phase aerobic oxidation of benzyl alcohol by using manganese ferrite supported-manganese oxide nanocomposite catalyst. <i>Catalysis Communications</i> , 2017, 89, 56-59.	3.3	35
6	Enhanced water oxidation performances of birnessite and magnetic birnessite nanocomposites by transition metal ion doping. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3157-3166.	4.9	32
7	Brønsted-acid sites promoted degradation of phthalate esters over MnO <sub>2</sub> : Mineralization enhancement and aquatic toxicity assessment. <i>Chemosphere</i> , 2022, 291, 132740.	8.2	31
8	The evaluation of the long-term stability of MnO <sub>2</sub> based OER electrocatalyst in neutral medium by using data processing approach. <i>Journal of Molecular Structure</i> , 2019, 1195, 632-640.	3.6	22
9	PAMAM Dendrimer Functionalized Manganese Ferrite Magnetic Nanoparticles: Microwave-Assisted Synthesis and Characterization. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2100-2107.	3.7	20
10	Poly(amidoamine) dendrimer-coated magnetic nanoparticles for the fast purification and selective enrichment of glycopeptides and glycans. <i>Journal of Separation Science</i> , 2019, 42, 3209-3216.	2.5	19
11	Synthesis, molecular structure and computational study of 1099, 83-91.	3.6	17
12	In situ deposition of silver nanoparticles on polydopamine-coated manganese ferrite nanoparticles: Synthesis, characterization, and application to the degradation of organic dye pollutants as an efficient magnetically recyclable nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6284.	3.5	16
13	Magnetic Hollow Biocomposites Prepared from <i>Lycopodium clavatum</i> Pollens as Efficient Recyclable Catalyst. <i>ChemistrySelect</i> , 2020, 5, 2225-2231.	1.5	15
14	Boron isotopic fractionation in aqueous boric acid solutions over synthetic minerals: Effect of layer and surface charge on fractionation factor. <i>Applied Clay Science</i> , 2015, 107, 117-121.	5.2	13
15	Novel benzildihydrazone based Schiff bases: Syntheses, characterization, thermal properties, theoretical DFT calculations and biological activity studies. <i>Journal of Molecular Structure</i> , 2019, 1184, 271-280.	3.6	11
16	Cryptomelane nanorods coated with Ni ion doped Birnessite polymorphs as bifunctional efficient catalyst for the oxygen evolution reaction and degradation of organic contaminants. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6432.	3.5	10
17	In situ green synthesis of MnFe <sub>2</sub> O <sub>4</sub> @EP@Ag nanocomposites using <i>Epilobium parviflorum</i> green tea extract: An efficient magnetically recyclable catalyst for the reduction of hazardous organic dyes. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6230.	3.5	9
18	Tren-Cored PAMAM Dendrimer/Silver Nanocomposites: Efficient Colorimetric Sensors for the Determination of Mercury Ions from Aqueous Solutions. <i>ChemistrySelect</i> , 2019, 4, 7715-7721.	1.5	8

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19	Boron doped cryptomelane as a highly efficient electrocatalyst for the oxygen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 39810-39821.	7.1	8
20	Microwave Assisted Green Synthesis of Ag/AgO Nanocatalyst as An Efficient OER Catalyst in Neutral Media. Hittite Journal of Science & Engineering, 2020, 7, 61-65.	0.5	7
21	The syntheses, molecular structure analyses and DFT studies on new benzil monohydrazone based Schiff bases. Journal of Molecular Structure, 2018, 1162, 37-44.	3.6	6
22	Synthetic routes to manganese oxoborate and correlations between experimental parameters and properties. Ceramics International, 2021, 47, 17353-17360.	4.8	3
23	Manganese Oxoborateâ€Based Nanostructures as Novel Oxygen Evolution Catalysts in Neutral Media. ChemNanoMat, 0, , .	2.8	3
24	Microwave-assisted rapid synthesis of C@Fe3O4 composite for removal of microplastics from drinking water. AdÄ±yaman University Journal of Science, 0, , .	0.0	2