

Ibrahim A Amar

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

913
citations

566801

15
h-index

676716

22
g-index

28
all docs

28
docs citations

28
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Surfactant-assisted sol-gel synthesis of zinc ferrite magnetic nanoparticles for oil spills cleanup from seawater and antibacterial activity applications. World Journal of Engineering, 2023, 20, 713-721.	1.0	4
2	Electrocatalytic activity of $\text{CoFe}_{1.9}\text{Mo}_{0.1}\text{O}_4\text{-Ce}_{0.8}\text{Gd}_{0.18}\text{Ca}_{0.02}\text{O}_2$ composite cathode for ammonia synthesis from water and nitrogen. World Journal of Engineering, 2021, 18, 490-496.	1.0	2
3	Current situation and future prospects for the production and utilization of sorbing materials for water depollution in North Africa. , 2021, , 49-71.		2
4	Adsorptive removal of congo red dye from aqueous solutions using Mo-doped CoFe_2O_4 magnetic nanoparticles. Pigment and Resin Technology, 2021, 50, 563-573.	0.5	4
5	Removal of methylene blue using balanites aegyptiaca bark powder as low-cost and eco-friendly biosorbent. Research Journal of Textile and Apparel, 2021, ahead-of-print, .	0.6	3
6	Biosorption Removal of Methylene Blue Dye from Aqueous Solutions using Phosphoric Acid-Treated Balanites Aegyptiaca Seed Husks Powder. Biointerface Research in Applied Chemistry, 2021, 12, 7845-7862.	1.0	8
7	Removal of Methylene Blue from Aqueous Solutions using Nano-Magnetic Adsorbent Based on Zinc-Doped Cobalt Ferrite. Chemical Methodologies, 2020, 4, 1-18.	1.8	37
8	Electrochemical synthesis of ammonia from wet nitrogen via a dual-chamber reactor using $\text{La}_{0.6}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{3-\delta}$ - $\text{Ce}_{0.8}\text{Gd}_{0.18}\text{Ca}_{0.02}\text{O}_2$ composite cathode. Catalysis Today, 2017, 286, 51-56.	2.2	37
9	Synthesis of ammonia directly from wet nitrogen using a redox stable $\text{La}_{0.75}\text{Sr}_{0.25}\text{Cr}_{0.5}\text{Fe}_{0.5}\text{O}_{3-\delta}$ - $\text{Ce}_{0.8}\text{Gd}_{0.18}\text{Ca}_{0.02}\text{O}_2$ composite cathode. RSC Advances, 2015, 5, 38977-38983.		
10	Synthesis of ammonia directly from wet air using $\text{Sm}_{0.6}\text{Ba}_{0.4}\text{Fe}_{0.8}\text{Cu}_{0.2}\text{O}_{3-\delta}$ as the catalyst. Faraday Discussions, 2015, 182, 353-363.	1.6	19
11	Electrochemical Synthesis of Ammonia Based on $\text{Co}_3\text{Mo}_3\text{N}$ Catalyst and LiAlO_2 -(Li,Na,K) 2CO_3 Composite Electrolyte. Electrocatalysis, 2015, 6, 286-294.	1.5	37
12	Electrochemical Synthesis of Ammonia Directly from Wet N_2 Using $\text{La}_{0.6}\text{Sr}_{0.4}\text{Fe}_{0.8}\text{Cu}_{0.2}\text{O}_{3-\delta}$ - $\text{Ce}_{0.8}\text{Gd}_{0.18}\text{Ca}_{0.02}\text{O}_2$ Composite Catalyst. Journal of the Electrochemical Society, 2014, 161, H350-H354.	1.3	20
13	Electrochemical synthesis of ammonia from N_2 and H_2O based on $(\text{Li,Na,K})_2\text{CO}_3$ - $\text{Ce}_{0.8}\text{Gd}_{0.18}\text{Ca}_{0.02}\text{O}_2$ composite electrolyte and CoFe_2O_4 cathode. International Journal of Hydrogen Energy, 2014, 39, 4322-4330.	3.8	52
14	Synthesis of ammonia directly from wet air at intermediate temperature. Applied Catalysis B: Environmental, 2014, 152-153, 212-217.	10.8	91
15	Electrochemical synthesis of ammonia from wet nitrogen using $\text{La}_{0.6}\text{Sr}_{0.4}\text{FeO}_3$ - $\text{Ce}_{0.8}\text{Gd}_{0.18}\text{Ca}_{0.02}\text{O}_2$ composite cathode. RSC Advances, 2014, 4, 18749-18754.	1.7	22
16	Preparation of dense $\text{La}_{0.5}\text{Sr}_{0.5}\text{Fe}_{0.8}\text{Cu}_{0.2}\text{O}_{3-\delta}$ -(Li,Na) 2CO_3 - LiAlO_2 composite membrane for CO_2 separation. Journal of Membrane Science, 2014, 468, 380-388.	4.1	25
17	Synthesis of ammonia directly from wet air using new perovskite oxide $\text{La}_{0.8}\text{Cs}_{0.2}\text{Fe}_{0.8}\text{Ni}_{0.2}\text{O}_{3-\delta}$ as catalyst. Electrochimica Acta, 2014, 123, 582-587.	2.6	45
18	RP TLC analysis of new antidepressants in pharmaceutical preparations. Journal of Planar Chromatography - Modern TLC, 2011, 24, 40-43.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Electrochemical synthesis of ammonia based on doped-ceria-carbonate composite electrolyte and perovskite cathode. <i>Solid State Ionics</i> , 2011, 201, 94-100.	1.3	89
20	Solid-state electrochemical synthesis of ammonia: a review. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1845-1860.	1.2	271
21	Electrochemical synthesis of ammonia based on a carbonate-oxide composite electrolyte. <i>Solid State Ionics</i> , 2011, 182, 133-138.	1.3	84
22	Co-pyrolysis of polymethyl methacrylate with brown coal and effect on monomer production. <i>Fuel</i> , 2006, 85, 12-18.	3.4	18
23	Electrocatalytic Activity of Lanthanum Chromite-Based Composite Cathode for Ammonia Synthesis from Water and Nitrogen. <i>Advanced Materials Research</i> , 0, 1160, 65-74.	0.3	0
24	Oil Spill Removal from Water Surfaces using Zinc Ferrite Magnetic Nanoparticles as A Sorbent Material. <i>Iraqi Journal of Science</i> , 0, , 718-728.	0.3	3
25	Synthesis of Ammonia Directly from Air and Water via a Single-Chamber Reactor Using Lanthanum Chromite-Based Composite as an Electrocatalyst. <i>Nano Hybrids and Composites</i> , 0, 32, 35-44.	0.8	1
26	Synthesis and Characterization of Magnetic CoFe _{1.9} Cr _{0.1} O ₄ Nanoparticles by Sol-gel Method and Their Applications as an Adsorbent for Water Treatment. , 0, , .		1