

Nabil Abdel Ghany

List of Publications by Year in descending order

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41
papers

900
citations

393982

19
h-index

476904

29
g-index

42
all docs

42
docs citations

42
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Degradation and Degree of Mineralization of the BY28 Dye in a Supporting Electrolyte Mixture Using an Expanded Dimensionally Stable Anode. <i>Electrocatalysis</i> , 2022, 13, 26-36.	1.5	11
2	Unraveling the structure and electrochemical supercapacitive performance of novel tungsten bronze synthesized by facile template-free hydrothermal method. <i>Electrochimica Acta</i> , 2022, 401, 139494.	2.6	9
3	Graphene fabricated by different approaches for supercapacitors with ultrahigh volumetric capacitance. <i>Journal of Energy Storage</i> , 2022, 50, 104281.	3.9	7
4	LIBS and pXRF validation for the removal of Pb by bio-CaCO ₃ nanoparticles from contaminated water. <i>SN Applied Sciences</i> , 2022, 4, 1.	1.5	3
5	Corrosion mitigation of carbon steel in acidic and salty solutions using electrophoretically deposited graphene coatings. <i>Journal of Coatings Technology Research</i> , 2021, 18, 501-510.	1.2	1
6	A GeSe micro air brick crystal-based film for the sunlight photodegradation of dye-polluted waters. <i>CrystEngComm</i> , 2021, 23, 762-768.	1.3	5
7	Advanced electrochemical degradation of basic yellow 28 textile dye using IrO ₂ /Ti meshed electrode in different supporting electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 114979.	1.9	29
8	Bioactive and antibacterial metal implant composite coating based on Ce-doped nanobioactive glass and chitosan by electrophoretic deposition method. <i>Journal of Materials Research</i> , 2021, 36, 1899-1913.	1.2	9
9	Cd _x Zn _{1-x} S/Sb ₂ Se ₃ thin film photocathode for efficient solar water splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119872.	10.8	37
10	Microanalysis of Two Members of Oxicam Drugs by Quenching the Fluorescence of Newly Isolated Carbonaceous Materials From Incense Ash. <i>Journal of Fluorescence</i> , 2021, 31, 1525-1535.	1.3	2
11	Polyol synthesized graphene/Pt _x Ni _{100-x} nanoparticles alloy for improved electrocatalytic oxidation of methanol in acidic and basic media. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113601.	1.9	14
12	Experimental and computational investigations of a novel quinoline derivative as a corrosion inhibitor for mild steel in salty water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125454.	2.3	21
13	Development of advanced-functional polyurethane/red iron oxide composites as protective one coating systems for steel. <i>Progress in Organic Coatings</i> , 2019, 136, 105236.	1.9	5
14	Synergistic effect of silver and adenine on boosting the supercapacitance performance of spongy graphene. <i>Journal of Energy Storage</i> , 2019, 24, 100776.	3.9	4
15	Black titania nanotubes/spongy graphene nanocomposites for high-performance supercapacitors. <i>RSC Advances</i> , 2019, 9, 12555-12566.	1.7	26
16	Application of (polyaniline/zeolite X) composite as anticorrosion coating for energy recovery devices in RO desalination water plants. <i>International Journal of Industrial Chemistry</i> , 2019, 10, 175-191.	3.1	10
17	Green, single-pot synthesis of functionalized Na/N/P co-doped graphene nanosheets for high-performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 30-38.	1.9	26
18	Facile, cost-effective and eco-friendly green synthesis method of MnO ₂ as storage electrode materials for supercapacitors. <i>Journal of Energy Storage</i> , 2019, 21, 156-162.	3.9	34

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19	CeO ₂ @TiFe ₂ O ₄ nanocomposite for effective removal of uranium ions from aqueous waste solutions. SN Applied Sciences, 2019, 1, 1.	1.5	2
20	Comparative antibacterial study between bioactive glasses and vancomycin hydrochloride against Staphylococcus aureus, Escherichia coli, and Pseudomonas aeruginosa. Egyptian Pharmaceutical Journal(Egypt), 2019, 18, 304.	0.1	2
21	Detachment of Cu (II) and Co (II) ions from synthetic wastewater via adsorption on Lates niloticus fish bones using LIBS and XRF. Journal of Advanced Research, 2018, 14, 1-9.	4.4	26
22	Orthopaedic bioactive glass/chitosan composites coated 316L stainless steel by green electrophoretic co-deposition. Surface and Coatings Technology, 2018, 334, 479-490.	2.2	32
23	Adenine-functionalized Spongy Graphene for Green and High-Performance Supercapacitors. Scientific Reports, 2017, 7, 43104.	1.6	71
24	Corrosion of biomaterials: anodic treatment and evaluation of 316L stainless steel in simulated body fluid. Corrosion Engineering Science and Technology, 2017, 52, 267-275.	0.7	15
25	Aqueous electrophoretic deposition and corrosion protection of borate glass coatings on 316 L stainless steel for hard tissue fixation. Surfaces and Interfaces, 2017, 7, 125-133.	1.5	22
26	Novel corrosion inhibitors for acidizing oil wells. Materials and Corrosion - Werkstoffe Und Korrosion, 2017, 68, 355-360.	0.8	22
27	Revolution of Graphene for different applications: State-of-the-art. Surfaces and Interfaces, 2017, 9, 93-106.	1.5	107
28	Quantitative analysis of Cu and Co adsorbed on fish bones via laser-induced breakdown spectroscopy. Optics and Laser Technology, 2016, 83, 131-139.	2.2	21
29	Electrocatalytic Oxygen Evolution on Nanoscale Crednerite (CuMnO ₂) Composite Electrode. Zeitschrift Fur Physikalische Chemie, 2016, 230, 1519-1530.	1.4	13
30	Proposed Corrosion Control Method for Fire Fighting Systems in Oil Fields. Egyptian Journal of Chemistry, 2016, 59, 1127-1135.	0.1	2
31	Mesoporous Alumina Nanoparticles as Host Tunnel-like Pores for Removal and Recovery of Insecticides from Environmental Samples. ChemPlusChem, 2015, 80, 1119-1126.	1.3	39
32	Mesocage collector cavities as nanopockets for remediation and real assessment of carbamate pesticides in aquatic water. Nano Structures Nano Objects, 2015, 3, 17-27.	1.9	20
33	Electrochemical advanced oxidation of cosmetics waste water using IrO ₂ /Ti-modified electrode. Desalination and Water Treatment, 2015, 53, 681-688.	1.0	11
34	Ternary Ti@Mo@Ni mixed oxide nanotube arrays as photoanode materials for efficient solar hydrogen production. Physical Chemistry Chemical Physics, 2013, 15, 12274.	1.3	23
35	Characterization of Egyptian bronze archaeological artifacts. Surface and Interface Analysis, 2012, 44, 1338-1345.	0.8	20
36	The Inhibitive Effect of Some Amino Acids on the Corrosion Behaviour of 316L Stainless Steel in Sulfuric Acid Solution. Modern Applied Science, 2011, 5, .	0.4	7

#	ARTICLE	IF	CITATIONS
37	Removal of tarnishing and roughness of copper surface by electropolishing treatment. Applied Surface Science, 2010, 256, 4370-4375.	3.1	54
38	Anodically Deposited Mn-Mo-Fe Oxide Anodes for Oxygen Evolution in Hot Seawater Electrolysis. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 447-455.	0.2	0
39	Anodically Deposited Mn-Mo-Fe Oxide Anodes for Oxygen Evolution in Hot Seawater Electrolysis. Materials Transactions, 2003, 44, 2114-2123.	0.4	19
40	Oxygen evolution anodes composed of anodically deposited Mn-Mo-Fe oxides for seawater electrolysis. Electrochimica Acta, 2002, 48, 21-28.	2.6	102
41	Environmental impact elimination of chrome tanning effluent using electrocoagulation process assisted by chemical oxidation. , 0, 65, 147-152.		14