

# Nabil Abdel Ghany

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Revolution of Graphene for different applications: State-of-the-art. <i>Surfaces and Interfaces</i> , 2017, 9, 93-106.	1.5	107
2	Oxygen evolution anodes composed of anodically deposited Mn-Mo-Fe oxides for seawater electrolysis. <i>Electrochimica Acta</i> , 2002, 48, 21-28.	2.6	102
3	Adenine-functionalized Spongy Graphene for Green and High-Performance Supercapacitors. <i>Scientific Reports</i> , 2017, 7, 43104.	1.6	71
4	Removal of tarnishing and roughness of copper surface by electropolishing treatment. <i>Applied Surface Science</i> , 2010, 256, 4370-4375.	3.1	54
5	Mesoporous Alumina Nanoparticles as Host Tunnel-like Pores for Removal and Recovery of Insecticides from Environmental Samples. <i>ChemPlusChem</i> , 2015, 80, 1119-1126.	1.3	39
6	CdxZn1-xS/Sb2Se3 thin film photocathode for efficient solar water splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119872.	10.8	37
7	Facile, cost-effective and eco-friendly green synthesis method of MnO2 as storage electrode materials for supercapacitors. <i>Journal of Energy Storage</i> , 2019, 21, 156-162.	3.9	34
8	Orthopaedic bioactive glass/chitosan composites coated 316L stainless steel by green electrophoretic co-deposition. <i>Surface and Coatings Technology</i> , 2018, 334, 479-490.	2.2	32
9	Advanced electrochemical degradation of basic yellow 28 textile dye using IrO2/Ti meshed electrode in different supporting electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 114979.	1.9	29
10	Detachment of Cu (II) and Co (II) ions from synthetic wastewater via adsorption on Lates niloticus fish bones using LIBS and XRF. <i>Journal of Advanced Research</i> , 2018, 14, 1-9.	4.4	26
11	Black titania nanotubes/spongy graphene nanocomposites for high-performance supercapacitors. <i>RSC Advances</i> , 2019, 9, 12555-12566.	1.7	26
12	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
13	Ternary Ti-Mo-Ni mixed oxide nanotube arrays as photoanode materials for efficient solar hydrogen production. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12274.	1.3	23
14	Aqueous electrophoretic deposition and corrosion protection of borate glass coatings on 316 L stainless steel for hard tissue fixation. <i>Surfaces and Interfaces</i> , 2017, 7, 125-133.	1.5	22
15	Novel corrosion inhibitors for acidizing oil wells. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2017, 68, 355-360.	0.8	22
16	Quantitative analysis of Cu and Co adsorbed on fish bones via laser-induced breakdown spectroscopy. <i>Optics and Laser Technology</i> , 2016, 83, 131-139.	2.2	21
17	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
18	Characterization of Egyptian bronze archaeological artifacts. <i>Surface and Interface Analysis</i> , 2012, 44, 1338-1345.	0.8	20

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19	Mesocage collector cavities as nanopockets for remediation and real assessment of carbamate pesticides in aquatic water. <i>Nano Structures Nano Objects</i> , 2015, 3, 17-27.	1.9	20
20	Anodically Deposited Mn-Mo-Fe Oxide Anodes for Oxygen Evolution in Hot Seawater Electrolysis. <i>Materials Transactions</i> , 2003, 44, 2114-2123.	0.4	19
21	Corrosion of biomaterials: anodic treatment and evaluation of 316L stainless steel in simulated body fluid. <i>Corrosion Engineering Science and Technology</i> , 2017, 52, 267-275.	0.7	15
22	Polyol synthesized graphene/Pt <sub>x</sub> Ni <sub>100-x</sub> 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
23	Environmental impact elimination of chrome tanning effluent using electrocoagulation process assisted by chemical oxidation. , 0, 65, 147-152.		14
24	Electrocatalytic Oxygen Evolution on Nanoscale Crednerite (CuMnO <sub>2</sub> ) Composite Electrode. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 1519-1530.	1.4	13
25	Electrochemical advanced oxidation of cosmetics waste water using IrO <sub>2</sub> /Ti-modified electrode. <i>Desalination and Water Treatment</i> , 2015, 53, 681-688.	1.0	11
26	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
27	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
28	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
29	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
30	The Inhibitive Effect of Some Amino Acids on the Corrosion Behaviour of 316L Stainless Steel in Sulfuric Acid Solution. <i>Modern Applied Science</i> , 2011, 5, .	0.4	7
31	Graphene fabricated by different approaches for supercapacitors with ultrahigh volumetric capacitance. <i>Journal of Energy Storage</i> , 2022, 50, 104281.	3.9	7
32	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
33	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
34	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
35	LIBS and pXRF validation for the removal of Pb by bio-CaCO <sub>3</sub> nanoparticles from contaminated water. <i>SN Applied Sciences</i> , 2022, 4, 1.	1.5	3
36	CeO <sub>2</sub> @TiFe <sub>2</sub> O <sub>4</sub> nanocomposite for effective removal of uranium ions from aqueous waste solutions. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	2

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37	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
38	Proposed Corrosion Control Method for Fire Fighting Systems in Oil Fields. <i>Egyptian Journal of Chemistry</i> , 2016, 59, 1127-1135.	0.1	2
39	Comparative antibacterial study between bioactive glasses and vancomycin hydrochloride against <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> , and <i>Pseudomonas aeruginosa</i> . <i>Egyptian Pharmaceutical Journal(Egypt)</i> , 2019, 18, 304.	0.1	2
40	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
41	Anodically Deposited Mn-Mo-Fe Oxide Anodes for Oxygen Evolution in Hot Seawater Electrolysis. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2004, 68, 447-455.	0.2	0