

# Wael H Eisa

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,912  
citations

218677

26  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid and liquid green Ag nanoparticles based on banana peel extract as an eco-friendly remedy for ringworm in pets. <i>Surface and Interface Analysis</i> , 2022, 54, 607-618.	1.8	9
2	Garlic peel as promising low-cost support for the cobalt nanocatalyst; synthesis and catalytic studies.. <i>Journal of Environmental Management</i> , 2022, 312, 114919.	7.8	9
3	Green silver nanoparticles based on <i>Lavandula coronopifolia</i> aerial parts extract against mycotic mastitis in cattle. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102350.	3.1	17
4	Gallic acid-assisted growth of cuprous oxide within polyvinyl alcohol; a separable catalyst for oxidative and reductive degradation of water pollutants. <i>Journal of Cleaner Production</i> , 2021, 279, 123826.	9.3	16
5	Terahertz, Infrared, and UV-Vis Spectroscopy Study on Silver@Polyaniline Core@Shell Nanocomposites: Optical and Electronic Properties. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18243-18256.	3.1	15
6	A new route for manufacturing poly(aminophosphonic)-functionalized poly(glycidyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (meth Environmental Pollution, 2020, 264, 114797.	7.5	40
7	Spectroscopic investigation of chitosan-supported Cu <sub>2</sub> O/CuO nanocomposite; a separable catalyst for water-pollutants degradation. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155306.	5.5	35
8	Solvent-free and large-scale preparation of silver@polypyrrole core@shell nanocomposites; structural properties and terahertz spectroscopic studies. <i>Composites Part B: Engineering</i> , 2019, 176, 107289.	12.0	19
9	Clean production of powdery silver nanoparticles using <i>Zingiber officinale</i> : The structural and catalytic properties. <i>Journal of Cleaner Production</i> , 2019, 241, 118398.	9.3	85
10	WO <sub>3</sub> quantum dot: Synthesis, characterization and catalytic activity. <i>Journal of Molecular Structure</i> , 2019, 1185, 351-356.	3.6	68
11	Nano-amino acid cellulose derivatives: Eco-synthesis, characterization, and antimicrobial properties. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 963-969.	7.5	44
12	<i>Ficus retusa</i> -stabilized gold and silver nanoparticles: Controlled synthesis, spectroscopic characterization, and sensing properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 496-512.	3.9	53
13	Solid-State Synthesis of Metal Nanoparticles Supported on Cellulose Nanocrystals and Their Catalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3974-3983.	6.7	106
14	In situ preparation of chitosan/gold nanocomposite: Structural and catalytic properties. <i>Advances in Polymer Technology</i> , 2018, 37, 2095-2101.	1.7	16
15	Silver oxide nanoparticles alleviate indomethacin-induced gastric injury: a novel antiulcer agent. <i>Inflammopharmacology</i> , 2018, 26, 1025-1035.	3.9	25
16	Spectroscopic and Antibacterial Studies of Anisotropic Gold Nanoparticles Synthesized Using <i>Malva parviflora</i> . <i>Journal of Applied Spectroscopy</i> , 2017, 83, 1046-1050.	0.7	15
17	Clean and high-throughput production of silver nanoparticles mediated by soy protein via solid state synthesis. <i>Journal of Cleaner Production</i> , 2017, 144, 501-510.	9.3	77
18	Crosslinked PVA/PVP Supported Silver Nanoparticles: A Reusable and Efficient Heterogeneous Catalyst for the 4-Nitrophenol Degradation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1703-1711.	3.7	21

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19	Au@CdO core/shell nanoparticles synthesized by pulsed laser ablation in Au precursor solution. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	58
20	Synthesis of cadmium oxide nanoparticles by pulsed laser ablation in liquid environment. <i>Optik</i> , 2017, 144, 679-684.	2.9	79
21	Ultra-Thin Films of Poly(acrylic acid)/Silver Nanocomposite Coatings for Antimicrobial Applications. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-11.	1.3	33
22	PVP induce self-seeding process for growth of Au@Ag core@shell nanocomposites. <i>Chemical Physics Letters</i> , 2016, 651, 28-33.	2.6	23
23	Efficacy and toxicity of plasmonic photothermal therapy (PPTT) using gold nanorods (GNRs) against mammary tumors in dogs and cats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2291-2297.	3.3	29
24	Ultraviolet and infrared studies of the single-walled and multi-walled carbon nanotube films with different thickness. <i>Physica B: Condensed Matter</i> , 2016, 483, 8-12.	2.7	10
25	Optical stability of 3d transition metal ions doped-cadmium borate glasses towards $\hat{I}^3$ -rays interaction. <i>Indian Journal of Physics</i> , 2016, 90, 781-791.	1.8	17
26	Removal of methylene blue using Phoenix dactylifera/PVA composite; an eco-friendly adsorbent. <i>Desalination and Water Treatment</i> , 2016, 57, 18861-18867.	1.0	13
27	Investigation of factors affecting the synthesis of nano-cadmium sulfide by pulsed laser ablation in liquid environment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 315-320.	3.9	75
28	Synthesis of Nano-Cadmium Sulfide by Pulsed Laser Ablation in Liquid Environment. <i>Spectroscopy Letters</i> , 2015, 48, 638-645.	1.0	69
29	Femtosecond pulsed laser induced growth of highly transparent indium-tin-oxide thin films: Effect of deposition temperature and oxygen partial pressure. <i>Optik</i> , 2015, 126, 3789-3794.	2.9	6
30	Ziziphus spina-christi based bio-synthesis of Ag nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 23, 50-56.	5.8	55
31	Phoenix dactylifera L. leaf extract phytosynthesized gold nanoparticles; controlled synthesis and catalytic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 238-244.	3.9	115
32	Comparative spectral and shielding studies of binary borate glasses with the heavy metal oxides SrO, CdO, BaO, PbO or Bi <sub>2</sub> O <sub>3</sub> before and after gamma irradiation. <i>Journal of Non-Crystalline Solids</i> , 2014, 387, 155-160.	3.1	87
33	Water-soluble gold/polyaniline core/shell nanocomposite: Synthesis and characterization. <i>Synthetic Metals</i> , 2014, 195, 23-28.	3.9	33
34	Ag seeds mediated growth of Au nanoparticles within PVA matrix: An eco-friendly catalyst for degradation of 4-nitrophenol. <i>Reactive and Functional Polymers</i> , 2013, 73, 1510-1516.	4.1	37
35	Tissue Distribution and Efficacy of Gold Nanorods Coupled with Laser Induced Photoplasmonic Therapy in Ehrlich Carcinoma Solid Tumor Model. <i>PLoS ONE</i> , 2013, 8, e76207.	2.5	43
36	Dependence of spectroscopic and electrical properties on the size of cadmium sulfide nanoparticles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012, 45, 47-55.	2.7	30

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37	Malva parviflora extract assisted green synthesis of silver nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 423-428.	3.9	162
38	In situ approach induced growth of highly monodispersed Ag nanoparticles within free standing PVA/PVP films. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 95, 341-346.	3.9	71
39	Dependence of structural, vibrational spectroscopy and optical properties on the particle sizes of CdS/polyaniline core/shell nanocomposites. Journal of Molecular Structure, 2012, 1013, 156-162.	3.6	34
40	Gamma-irradiation assisted seeded growth of Ag nanoparticles within PVA matrix. Materials Chemistry and Physics, 2011, 128, 109-113.	4.0	79
41	Effect of the prepared temperature on the size of CdS and ZnS nanoparticle. Physica B: Condensed Matter, 2010, 405, 919-924.	2.7	48
42	Synthesis, characterization and spectroscopic studies of CdS/polyaniline core/shell nanocomposite. Synthetic Metals, 2010, 160, 479-484.	3.9	30
43	Gel, thermal, and X-ray diffraction characterization of virgin, scrapped polyethylene and its blends. Polymer Composites, 2006, 27, 709-717.	4.6	6