

<p>Recent Developments in the Facile Bio-Synthesis
and Their Biomedical Applications</p>

International Journal of Nanomedicine

Volume 15, 275-300

DOI: 10.2147/ijn.s233789

Citation Report

#	ARTICLE	IF	CITATIONS
1	Investigation of bioactive compounds in <i>Crassocephalum rubens</i> leaf and in vitro anticancer activity of its biosynthesized gold nanoparticles. <i>Biotechnology Reports</i> (Amsterdam, Netherlands), 2020, 28, e00560.	4.4	10
2	<p><p>A Review on the Synthesis and Functionalization of Gold Nanoparticles as a Drug Delivery Vehicle</p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9823-9857.	6.7	256
3	Biological synthesis of gold and silver nanoparticles using leaf extracts of <i>Crassocephalum rubens</i> and their comparative in vitro antioxidant activities. <i>Heliyon</i> , 2020, 6, e05501.	3.2	34
4	Epigallocatechin-3-Gallate-Loaded Gold Nanoparticles: Preparation and Evaluation of Anticancer Efficacy in Ehrlich Tumor-Bearing Mice. <i>Pharmaceuticals</i> , 2020, 13, 254.	3.8	21
5	Green Synthesis of Metallic Nanoparticles and Their Potential Applications to Treat Cancer. <i>Frontiers in Chemistry</i> , 2020, 8, 799.	3.6	277
6	Recent advances in the antitumor cancer activity of biosynthesized gold nanoparticles. <i>Journal of Cellular Physiology</i> , 2020, 235, 8951-8957.	4.1	12
7	Hesperidin Loaded on Gold Nanoparticles as a Drug Delivery System for a Successful Biocompatible, Anti-Cancer, Anti-Inflammatory and Phagocytosis Inducer Model. <i>Scientific Reports</i> , 2020, 10, 9362.	3.3	161
8	Antibacterial, anti-efflux, anti-biofilm, anti-slime (exopolysaccharide) production and urease inhibitory efficacies of novel synthesized gold nanoparticles coated <i>Anthemis atrapatana</i> extract against multidrug-resistant <i>Klebsiella pneumoniae</i> strains. <i>Archives of Microbiology</i> , 2020, 202, 2105-2115.	2.2	15
9	Recent progress in plant-gold nanoparticles fabrication methods and bio-applications. <i>Talanta</i> , 2021, 223, 121396.	5.5	40
10	Applications of gold nanoparticles in ELISA, PCR, and immuno-PCR assays: A review. <i>Analytica Chimica Acta</i> , 2021, 1143, 250-266.	5.4	70
11	Application of nanomaterials in the treatment of rheumatoid arthritis. <i>RSC Advances</i> , 2021, 11, 7129-7137.	3.6	29
12	Biosynthesis of nanoparticles and their roles in numerous areas. <i>Comprehensive Analytical Chemistry</i> , 2021, , 1-47.	1.3	8
13	Delivery of Drug Payloads to Organs and Organ-Systems. <i>Nanotechnology in the Life Sciences</i> , 2021, , 199-224.	0.6	1
14	Mycosynthesis of gold nanoparticles: mechanisms and applications. , 2021, , 105-122.		1
15	<i>Nigella sativa</i> flavonoids surface coated gold NPs (Au-NPs) enhancing antioxidant and anti-diabetic activity. <i>Process Biochemistry</i> , 2022, 114, 193-202.	3.7	17
16	Prospectus and Development of Microbes Mediated Synthesis of Nanoparticles. , 2021, , 1-15.		6
17	Gold nanoparticles green synthesis with clove oil: spectroscopic and theoretical study. <i>Applied Nanoscience</i> (Switzerland), 2022, 12, 611-620.	3.1	6
18	Green Silver and Gold Nanoparticles: Biological Synthesis Approaches and Potentials for Biomedical Applications. <i>Molecules</i> , 2021, 26, 844.	3.8	142

#	ARTICLE	IF	CITATIONS
19	Application of ZnO Nanoparticles Phycosynthesized with <i>Ulva fasciata</i> Extract for Preserving Peeled Shrimp Quality. <i>Nanomaterials</i> , 2021, 11, 385.	4.1	18
20	Green Synthesized Nanomaterialâ€based Colorimetric Sensors for Detection of Environmental Toxicants. <i>ChemNanoMat</i> , 2021, 7, 392-414.	2.8	11
21	Wealth from by-products: an attempt to synthesize valuable gold nanoparticles from <i>Brassica oleracea</i> var. <i>acephala</i> cv. <i>Galega</i> stems. <i>Journal of Nanostructure in Chemistry</i> , 2021, 11, 635-644.	9.1	7
22	Identifying the role of process conditions for synthesis of stable gold nanoparticles and insight detail of reaction mechanism. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 519-532.	1.6	1
23	Current Strategies for Noble Metal Nanoparticle Synthesis. <i>Nanoscale Research Letters</i> , 2021, 16, 47.	5.7	111
24	Potential of a sonochemical approach to generate MRI-PPT theranostic agents for breast cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102177.	2.6	24
25	Optimally biosynthesized, PEGylated gold nanoparticles functionalized with quercetin and camptothecin enhance potential anti-inflammatory, anti-cancer and anti-angiogenic activities. <i>Journal of Nanobiotechnology</i> , 2021, 19, 84.	9.1	37
26	A biosynthesized gold nanoparticle from <i>Staphylococcus aureus</i> â€ as a functional factor in muscle tissue engineering. <i>Applied Materials Today</i> , 2021, 22, 100905.	4.3	14
27	Emerging nanomaterials for antibacterial textile fabrication. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1355-1382.	3.0	38
28	Gold Nanoparticles Synthesis and Antimicrobial Effect on Fibrous Materials. <i>Nanomaterials</i> , 2021, 11, 1067.	4.1	39
29	Impact of gold nanoparticles on colon cancer treatment and diagnosis. <i>Nanomedicine</i> , 2021, 16, 779-782.	3.3	6
30	Studies of in vitro antioxidant and anti-inflammatory activities of gold nanoparticles biosynthesised from a medicinal plant, <i>Commiphora wightii</i> . <i>Materials Technology</i> , 0, , 1-11.	3.0	4
31	Bioinspired Gold Nanoparticle Synthesis Using <i>Terminalia bellerica</i> Fruit Parts and Exploring Their Antiâ€bacterial Potency In Vitro. <i>Indian Journal of Microbiology</i> , 2021, 61, 298-305.	2.7	7
32	Development of Polymer-Assisted Nanoparticles and Nanogels for Cancer Therapy: An Update. <i>Gels</i> , 2021, 7, 60.	4.5	31
33	Evaluation of the gold nanoparticles prepared by â€Žgreen â€Žchemistry in â€Žthe â€Žtreatment of cutaneous candidiasis. <i>Current Medical Mycology</i> , 2021, 7, 1-5.	0.8	1
34	Treatment of drug residues (emerging contaminants) in hospital effluent by the combination of biological and physiochemical treatment process: a review. <i>Frontiers in Engineering and Built Environment</i> , 2021, ahead-of-print, .	1.5	5
35	Mechanism of Producing Metallic Nanoparticles, with an Emphasis on Silver and Gold Nanoparticles, Using Bottom-Up Methods. <i>Molecules</i> , 2021, 26, 2968.	3.8	19
36	Green synthesis and evaluation of antiangiogenic, photocatalytic, and electrochemical activities of BiVO ₄ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14028-14046.	2.2	22

#	ARTICLE	IF	CITATIONS
37	Model for Gold Nanoparticle Synthesis: Effect of pH and Reaction Time. ACS Omega, 2021, 6, 16847-16853.	3.5	33
38	The apoptotic effect of Ferulic acid-synthesized gold nanoparticles against human epidermoid carcinoma (A431) cells via activation of caspase-3 pathway. Journal of Drug Delivery Science and Technology, 2021, 63, 102478.	3.0	8
39	Facile and Novel Synthesis of Spiky Gold Nanoparticles as an Efficient Antimicrobial Agent against Pseudomonas Aeruginosa. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	1.1	0
40	Synthesis and immunogenicity assessment of a gold nanoparticle conjugate for the delivery of a peptide from SARS-CoV-2. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 34, 102372.	3.3	27
41	Sono-Biosynthesis and Characterization of AuNPs from Danube Delta Nymphaea alba Root Extracts and Their Biological Properties. Nanomaterials, 2021, 11, 1562.	4.1	9
42	Methods of green synthesis of Au NCs with emphasis on their morphology: A mini-review. Heliyon, 2021, 7, e07250.	3.2	13
43	pH-controlled nucleolin targeted release of dual drug from chitosan-gold based aptamer functionalized nano drug delivery system for improved glioblastoma treatment. Carbohydrate Polymers, 2021, 262, 117907.	10.2	67
44	Au@Ag Core@Shell Nanoparticles Synthesized with Rumex hymenosepalus as Antimicrobial Agent. Nanoscale Research Letters, 2021, 16, 118.	5.7	12
45	Natural Product-Based Hybrids as Potential Candidates for the Treatment of Cancer: Focus on Curcumin and Resveratrol. Molecules, 2021, 26, 4665.	3.8	17
46	Novel Gold Nanoparticles: Green Synthesis with Eryngium thyrsoideum Boiss Extract, Characterization, and In Vivo Investigations on Inflammatory Gene Expression and Biochemical Parameters in Type 2 Diabetic Rats. Biological Trace Element Research, 2022, 200, 2223-2232.	3.5	7
48	Toxicity in vitro and in Zebrafish Embryonic Development of Gold Nanoparticles Biosynthesized Using Cystoseira Macroalgae Extracts. International Journal of Nanomedicine, 2021, Volume 16, 5017-5036.	6.7	16
49	Synthesis and modification of bio-derived antibacterial Ag and ZnO nanoparticles by plants, fungi, and bacteria. Drug Discovery Today, 2021, 26, 1953-1962.	6.4	61
50	Biological Synthesis of Gold Nanoparticles from Suspensions of Green Microalga Dunaliella salina and Their Antibacterial Potential. BioNanoScience, 2021, 11, 977-988.	3.5	12
51	High Stability Au NPs: From Design to Application in Nanomedicine. International Journal of Nanomedicine, 2021, Volume 16, 6067-6094.	6.7	21
52	Gold Nanoparticle: Recent Progress on Its Antibacterial Applications and Mechanisms. Journal of Nanomaterials, 2021, 2021, 1-18.	2.7	27
53	Mycofabrication of gold nanoparticles: Optimization, characterization, stabilization and evaluation of its antimicrobial potential on selected human pathogens. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102107.	3.1	24
54	Environmentally Safe Biosynthesis of Gold Nanoparticles Using Plant Water Extracts. Nanomaterials, 2021, 11, 2033.	4.1	79
55	Biosynthesis and Cytotoxic Properties of Ag, Au, and Bimetallic Nanoparticles Synthesized Using Lithospermum erythrorhizon Callus Culture Extract. International Journal of Molecular Sciences, 2021, 22, 9305.	4.1	18

#	ARTICLE	IF	CITATIONS
56	Comparative study on the potentialities of two halophytic species in the green synthesis of gold nanoparticles and their anticancer, antioxidant and catalytic efficiencies. <i>Advanced Powder Technology</i> , 2021, 32, 3220-3233.	4.1	57
57	Synthesis of gold nanoparticles using <i>Sambucus wightiana</i> extract and investigation of its antimicrobial, anti-inflammatory, antioxidant and analgesic activities. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103343.	4.9	17
58	Biosustainable production of nanoparticles via mycogenesis for biotechnological applications: A critical review. <i>Environmental Research</i> , 2022, 204, 111963.	7.5	25
59	Potent antibacterial action of phycosynthesized selenium nanoparticles using <i>Spirulina platensis</i> extract. <i>Green Processing and Synthesis</i> , 2021, 10, 49-60.	3.4	41
60	Surface-Modified Noble Metal Nanoparticles as Antimicrobial Agents: Biochemical, Molecular and Therapeutic Perspectives. <i>Environmental and Microbial Biotechnology</i> , 2021, , 165-205.	0.7	4
61	Nano-Fertilization as an Emerging Fertilization Technique: Why Can Modern Agriculture Benefit from Its Use?. <i>Plants</i> , 2021, 10, 2.	3.5	156
62	Green synthesis of gold nanoparticles using <i>Tribulus terrestris</i> extract and antibacterial activity against Gram-negative bacteria. <i>Biomedical Letters</i> , 2021, 7, .	0.3	0
63	Green Synthesis of Gold Nanoparticles Using Plant Extracts as Beneficial Prospect for Cancer Theranostics. <i>Molecules</i> , 2021, 26, 6389.	3.8	75
64	Gold nanoparticles (GNPs) in biomedical and clinical applications: A review. <i>Nano Select</i> , 2022, 3, 792-828.	3.7	62
65	Biocompatibility and Cytotoxicity of Gold Nanoparticles: Recent Advances in Methodologies and Regulations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10952.	4.1	84
66	Biological synthesis and characterization of gold nanoparticles using <i>Verbascum speciosum</i> Schrad. and cytotoxicity properties toward HepG2 cancer cell line. <i>Research on Chemical Intermediates</i> , 2022, 48, 167-178.	2.7	24
67	ANTI-MELANOMA BIO-EFFICACY OF THE PLANT <i>MADHUCA LONGIFOLIA</i> AND ITS ENHANCEMENT USING BIOACTIVE PRINCIPLE LOADED GOLD NANOPARTICLE. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 142-149.	0.3	0
68	Phytochemicals Plus Nanomaterials™ on Colorectal Cancer. <i>Diagnostics and Therapeutic Advances in GI Malignancies</i> , 2020, , 171-191.	0.2	0
69	Synergistic effect of plant extract coupled silver nanoparticles in various therapeutic applications-present insights and bottlenecks. <i>Chemosphere</i> , 2022, 288, 132527.	8.2	32
70	Organic/Inorganic Self-Assembled Hybrid Nano-Architectures for Cancer Therapy Applications. <i>Macromolecular Bioscience</i> , 2022, 22, e2100349.	4.1	24
71	The selective detection of Fe ³⁺ ions using citrate-capped gold nanoparticles. <i>Analytical Biochemistry</i> , 2022, 637, 114453.	2.4	1
72	Antibacterial and Anti-Inflammatory Coating Materials for Orthopedic Implants: A Review. <i>Coatings</i> , 2021, 11, 1401.	2.6	11
73	A review on the plant extract mediated green syntheses of gold nanoparticles and its anti-microbial, anti-cancer and catalytic applications. <i>International Nano Letters</i> , 2022, 12, 47-66.	5.0	8

#	ARTICLE	IF	CITATIONS
74	Formulation of gold nanoparticles with hibiscus and curcumin extracts induced anti-cancer activity. Arabian Journal of Chemistry, 2022, 15, 103594.	4.9	27
75	Gold Nanoparticles as Potential Antitumor Agents (Review). Pharmaceutical Chemistry Journal, 0, , 1.	0.8	1
76	Gold nanoparticles in an enhancement of antimicrobial activity. Physicochemical Problems of Mineral Processing, 0, , 269-279.	0.4	2
77	Gold nanoparticles with different shapes can cause distinct effect on mitochondria bioenergetics. Journal of Nanoparticle Research, 2022, 24, 1.	1.9	3
78	Green Silver Nanoparticles Promote Inflammation Shutdown in Human Leukemic Monocytes. Materials, 2022, 15, 775.	2.9	7
79	The Role of Rosmarinic Acid on the Bioproduction of Gold Nanoparticles as Part of a Photothermal Approach for Breast Cancer Treatment. Biomolecules, 2022, 12, 71.	4.0	13
80	Nano-reduction of gold and silver ions: A perspective on the fate of microbial laccases as potential biocatalysts in the synthesis of metals (gold and silver) nano-particles. Current Research in Microbial Sciences, 2022, 3, 100098.	2.3	6
81	Apium graveolens reduced phytofabricated gold nanoparticles and their impacts on the glucose utilization pattern of the isolated rat hemidiaphragm. Heliyon, 2022, 8, e08805.	3.2	1
82	Green approaches for the synthesis of metal and metal oxide nanoparticles using microbial and plant extracts. Nanoscale, 2022, 14, 2534-2571.	5.6	149
83	Size-Dependent Cytotoxic and Molecular Study of the Use of Gold Nanoparticles against Liver Cancer Cells. Applied Sciences (Switzerland), 2022, 12, 901.	2.5	8
84	Green synthesis of nanoparticles: Current developments and limitations. Environmental Technology and Innovation, 2022, 26, 102336.	6.1	261
85	Evaluation of Phoma sp. Biomass as an Endophytic Fungus for Synthesis of Extracellular Gold Nanoparticles with Antibacterial and Antifungal Properties. Molecules, 2022, 27, 1181.	3.8	30
86	Bioactive Chitosan-Based Organometallic Scaffolds for Tissue Engineering and Regeneration. Topics in Current Chemistry, 2022, 380, 13.	5.8	7
87	Gold Nanoparticles: Biosynthesis and Potential of Biomedical Application. Journal of Functional Biomaterials, 2021, 12, 70.	4.4	70
88	Novel Green Approaches for the Preparation of Gold Nanoparticles and Their Promising Potential in Oncology. Processes, 2022, 10, 426.	2.8	16
89	Application of Green Gold Nanoparticles in Cancer Therapy and Diagnosis. Nanomaterials, 2022, 12, 1102.	4.1	72
90	Extract-mediated biosynthesis and characterization of gold nanoparticles: Exploring their protective effect against cyclophosphamide-induced oxidative stress in rat testis. Journal of Drug Delivery Science and Technology, 2022, 71, 103306.	3.0	5
91	LptD-antigen system on gold nanoparticles: an innovative strategy in the nanovaccine development. Nanotechnology, 2022, 33, 295602.	2.6	2

#	ARTICLE	IF	CITATIONS
92	Sustainable synthesis of monodispersed gold nanoparticles from Phoenix dactylifera L. and in vivo anti-diabetic activity on Alloxan induced mice. <i>Vibrational Spectroscopy</i> , 2022, 120, 103371.	2.2	3
93	Green Synthesis and Characterization of Gold Nanoparticles from Malus viridis and Capsicum annuum as Anticancer Agent. <i>Journal of Physics: Conference Series</i> , 2021, 2114, 012088.	0.4	0
94	Rowan Berries: A Potential Source for Green Synthesis of Extremely Monodisperse Gold and Silver Nanoparticles and Their Antimicrobial Property. <i>Pharmaceutics</i> , 2022, 14, 82.	4.5	17
95	Electrochemical Properties of Phytosynthesized Gold Nanoparticles for Electrosensing. <i>Sensors</i> , 2022, 22, 311.	3.8	7
96	Bio-Synthesized Nanoparticles in Developing Plant Abiotic Stress Resilience: A New Boon for Sustainable Approach. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4452.	4.1	29
97	Nano-based biofertilizers for horticulture. , 2022, , 437-459.		1
98	A Spectrophotometric Method for Estimation of the Size and Concentration of Laser Ablated Gold Nanoparticles. <i>Biophysics (Russian Federation)</i> , 2022, 67, 22-26.	0.7	2
99	Green Synthesis of Gold Nanoparticles: An Eco-Friendly Approach. <i>Chemistry</i> , 2022, 4, 345-369.	2.2	46
100	Synthesis of gold nanoparticles using extract of Carica papaya fruit: Evaluation of its antioxidant properties and effect on colorectal and breast cancer cells. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102348.	3.1	11
101	A comprehensive assessment of Yarrowia lipolytica and its interactions with metals: Current updates and future prospective. <i>Biotechnology Advances</i> , 2022, 59, 107967.	11.7	8
102	An improved surface enhanced Raman spectroscopic method using a paper-based grape skin-gold nanoparticles/graphene oxide substrate for detection of rhodamine 6G in water and food. <i>Chemosphere</i> , 2022, 301, 134702.	8.2	15
103	Bio-synthesis of a functionalized whey proteins theranostic nanoprobe with cancer-specific cytotoxicity and as a live/dead cell imaging probe. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114025.	3.9	1
104	Gold Nanoparticles: Synthesis Methods, Functionalization and Biological Applications. <i>Journal of Cluster Science</i> , 2023, 34, 705-725.	3.3	27
105	A novel fluorescent OFF-ON sensing strategy for Hg (II) in water based on functionalized gold nanoparticles. <i>Chemosphere</i> , 2022, 303, 135174.	8.2	12
106	Green synthesis of nanoparticles by probiotics and their application. <i>Advances in Applied Microbiology</i> , 2022, , 83-128.	2.4	9
107	Cutting-edge development in waste-recycled nanomaterials for energy storage and conversion applications. <i>Nanotechnology Reviews</i> , 2022, 11, 2215-2294.	5.8	13
108	Gold nanomaterials for oral cancer diagnosis and therapy: Advances, challenges, and prospects. <i>Materials Today Bio</i> , 2022, 15, 100333.	5.5	15
109	Low-dose exposure to phytosynthesized gold nanoparticles combined with glutamine deprivation enhances cell death in the cancer cell line HeLa via oxidative stress-mediated mitochondrial dysfunction and G0/G1 cell cycle arrest. <i>Nanoscale</i> , 2022, 14, 10399-10417.	5.6	21

#	ARTICLE	IF	CITATIONS
111	pH Responsive Tunable Plasmonic Resonators Based on Gold-Polysaccharide Nanocomposites. , 0, , .		0
112	Methanolic rhizome extract of <i>Trillium govanianum</i> coated gold nanoparticles: Facile biogenic synthesis, their characterisation, and potential antimicrobial study. <i>Micro and Nano Letters</i> , 2022, 17, 242-251.	1.3	2
113	Single-step green synthesis of gold conjugated polyphenol nanoparticle using extracts of Saudi myrrh: Their characterization, molecular docking and essential biological applications. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 1215-1242.	2.7	5
114	Metal-Based Nanostructured Therapeutic Strategies for Glioblastoma Treatment—An Update. <i>Biomedicines</i> , 2022, 10, 1598.	3.2	6
115	Plant-mediated synthesis of NiO(II) from <i>Lantana camara</i> flowers: a study of photo-catalytic, electrochemical, and biological activities. <i>Journal of Materials Research and Technology</i> , 2022, 19, 4543-4556.	5.8	6
116	Flower, stem, and leaf extracts from <i>Hypericum perforatum</i> L. to synthesize gold nanoparticles: Effectiveness and antioxidant activity. <i>Surfaces and Interfaces</i> , 2022, 32, 102181.	3.0	5
117	Synthesis of gold nanoparticles (AuNPs) with improved anti-diabetic, antioxidant and anti-microbial activity from <i>Physalis minima</i> . <i>Journal of King Saud University - Science</i> , 2022, 34, 102197.	3.5	20
118	Metal and metal oxide-based antiviral nanoparticles: Properties, mechanisms of action, and applications. <i>Advances in Colloid and Interface Science</i> , 2022, 306, 102726.	14.7	44
119	Suppression of adipogenesis by Au nanostructures-conjugated <i>Sargassum</i> seaweed extracts in 3T3-L1 adipocytes. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104093.	4.9	1
120	An Immunocolorimetric Sensing System for Highly Sensitive and High-Throughput Detection of BNP with Carbon-Gold Nanocomposites Amplification. <i>Biosensors</i> , 2022, 12, 619.	4.7	2
121	Antimicrobial Efficacy of Silver Nanoparticles against <i>Candida Albicans</i> . <i>Materials</i> , 2022, 15, 5666.	2.9	7
122	Sensitivity enhancement of magneto-optical Faraday effect immunoassay method based on biofunctionalized $\text{Fe}_3\text{O}_4/\text{Au}$ core-shell magneto-plasmonic nanoparticles for the blood detection of Alzheimer's disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 46, 102601.	3.3	3
123	Changes in antiparasitical activity of gold nanorods according to the chosen synthesis. <i>Experimental Parasitology</i> , 2022, 242, 108367.	1.2	1
124	From faceted nanoparticles to nanostructured thin film by plasma-jet redox reaction of ionic gold. <i>Journal of Alloys and Compounds</i> , 2022, 928, 167155.	5.5	5
125	Retrospective analysis of the key molecules involved in the green synthesis of nanoparticles. <i>Nanoscale</i> , 2022, 14, 14824-14857.	5.6	17
126	A review on gold nanoparticles: Biological synthesis, characterizations, and analytical applications. <i>Results in Chemistry</i> , 2022, 4, 100478.	2.0	9
127	Use of Natural and Residual Resources for the Sustainable Management of Phytonematodes: Challenges and Future Trends. <i>Sustainability in Plant and Crop Protection</i> , 2022, , 3-37.	0.4	1
128	From Faceted Nanoparticles to Nanoporous Film by Plasma-Jet Redox Reaction of Ionic Gold. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
129	Electrochemical Sensors and Their Applications: A Review. Chemosensors, 2022, 10, 363.	3.6	126
130	Phyto-mediated Ni/NiO NPs and their catalytic applications-a short review. Inorganic Chemistry Communication, 2022, 145, 110054.	3.9	18
131	Synthesized gold nanoparticles mediated by <i>Crassocephalum rubens</i> extract down-regulate KIM-1/NGAL genes and inhibit oxidative stress in cadmium-induced kidney damage in rats. Drug and Chemical Toxicology, 2023, 46, 1154-1161.	2.3	2
132	Green Synthesis of Gold Nanoflowers Using Rosmarinus officinalis and Helichrysum italicum Extracts: Comparative Studies of Their Antimicrobial and Antibiofilm Activities. Antibiotics, 2022, 11, 1466.	3.7	8
133	Functionalized boron nitride nanotubes: First-principles calculations. Applied Surface Science, 2023, 611, 155358.	6.1	3
134	Inorganic nanomaterials for intelligent photothermal antibacterial applications. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	6
135	Iron Oxide-Au Magneto-Plasmonic Heterostructures: Advances in Their Eco-Friendly Synthesis. Materials, 2022, 15, 7036.	2.9	1
136	A Review on the Various Mechanisms of Green Synthesis of Metal Nanoparticles for Biomedical Applications. Current Green Chemistry, 2022, 9, 62-73.	1.1	2
137	A comprehensive review on biosynthesis of magnesium oxide nanoparticles, and their antimicrobial, anticancer, antioxidant activities as well as toxicity study. Inorganic Chemistry Communication, 2022, 146, 110156.	3.9	12
138	Bioinspired synthesis of gold nanoparticles from Hemidesmus indicus L. root extract and their antibiofilm efficacy against Pseudomonas aeruginosa. Process Biochemistry, 2022, 122, 224-237.	3.7	3
139	A review on biogenic green synthesis of ZnO nanoparticles by plant biomass and their applications. Materials Today Communications, 2022, 33, 104747.	1.9	39
140	Antimicrobial applications of mycogenic metal and metal oxide nanoparticles. , 2023, , 579-599.		0
141	The active ruthenium (101) crystal plane selectively exposed by <i>in situ</i> metal hyperaccumulation on a living plant for overall water splitting. Green Chemistry, 2022, 24, 9668-9676.	9.0	4
142	Biosynthesis of Silver and Gold Nanoparticles and Their Efficacy Towards Antibacterial, Antibiofilm, Cytotoxicity, and Antioxidant Activities. Applied Biochemistry and Biotechnology, 2023, 195, 1158-1183.	2.9	54
143	Gold Nanostructures Growth in HAuCl ₄ -CTAB-NaOH Aqueous Solution Without any Reducing Agent. Journal of Crystal Growth, 2022, , 126991.	1.5	0
144	Ultrasensitive photoelectrochemical biosensor for DNA 5-methylcytosine analysis based on co-sensitization strategy combined with bridged DNA nanoprobe. Talanta, 2023, 254, 124140.	5.5	4
145	Phyto-labelled Gold Nanoparticles Using Garcinia cambogia Capsules for Selective Detection of Cyanide Ions. The Indian Journal of Nutrition and Dietetics, 0, , 62-72.	0.1	0
146	Bismuth nanomaterials as contrast agents for radiography and computed tomography imaging and their quality/safety considerations. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, .	6.1	5

#	ARTICLE	IF	CITATIONS
147	Synergistic Antibacterial Activity of Green Gold Nanoparticles and Tannin-Based Derivatives. Biochem, 2022, 2, 269-279.	1.2	4
148	Binding mechanism and SERS spectra of 5-fluorouracil on gold clusters. Frontiers in Chemistry, 0, 10, .	3.6	3
149	Cancer <scp>Cellâ€Specific</scp> and <scp>Laserâ€Activatable NanoSeeds</scp> for Targeted Photothermal Ablation of Tripleâ€Negative Breast Cancer. Photochemistry and Photobiology, 2023, 99, 1157-1171.	2.5	3
150	Extended-release of doxorubicin through green surface modification of gold nanoparticles: in vitro and in ovo assessment. BMC Chemistry, 2022, 16, .	3.8	2
151	Crocini: Functional characteristics, extraction, food applications and efficacy against brain related disorders. Frontiers in Nutrition, 0, 9, .	3.7	15
152	Phytomediated synthesis of bimetallic Ag/Au nanoparticles using orange peel extract and assessment of their antibacterial and anticancer potential. Journal of King Saud University - Science, 2023, 35, 102510.	3.5	6
153	Application of Nanotechnology in Plant Growth and Diseases Management: Tool for Sustainable Agriculture. , 2023, , 145-168.		3
154	Inhibitory effects of gold nanoparticles biosynthesized by redox reaction using <i>Rheum ribes</i> lam fruit peels on pathogen strains and cancer cells. Particulate Science and Technology, 2023, 41, 978-989.	2.1	1
155	Green synthesis of gold nanoparticles via Capsicum annum fruit extract: Characterization, antiangiogenic, antioxidant and anti-inflammatory activities. Applied Surface Science Advances, 2023, 13, 100372.	6.8	17
156	Sustainability insights into the synthesis of engineered nanomaterials - Problem formulation and considerations. Environmental Research, 2023, 220, 115249.	7.5	4
157	Combined Gold Recovery and Nanoparticle Synthesis in Microbial Systems Using Fractional Factorial Design. Nanomaterials, 2023, 13, 83.	4.1	4
158	Genetically modified organisms use in green synthesizes nanomaterials. , 2023, , 151-163.		1
159	Microorganism assisted synthesized metal and metal oxide nanoparticles for removal of heavy metal ions from the wastewater effluents. , 2023, , 127-148.		1
160	Metal Nanoparticles to Combat Candida albicans Infections: An Update. Microorganisms, 2023, 11, 138.	3.6	11
161	Review on green biomass-synthesized metallic nanoparticles and composites and their photocatalytic water purification applications: Progress and perspectives. Chemical Engineering Journal Advances, 2023, 14, 100460.	5.2	8
162	Biogenic Nanoparticles: Synthesis, characterization, and Biological potential of Gold Nanoparticles synthesized using Lasiosiphon Eriocephalus Decne Plant Extract.. Pharmaceutical Nanotechnology, 2023, 11, .	1.5	1
163	Pterin interactions with gold clusters: A theoretical study. Dyes and Pigments, 2023, 216, 111323.	3.7	0
164	Nanoparticles coated by chloramphenicol in hydrogels as a useful tool to increase the antibiotic release and antibacterial activity in dermal drug delivery. Pharmacological Reports, 0, , .	3.3	0

#	ARTICLE	IF	CITATIONS
165	One-pot synthesis, characterisation and biological activities of gold nanoparticles prepared using aqueous seed extract of <i>Garcinia kola</i> . <i>Process Biochemistry</i> , 2023, 128, 49-57.	3.7	5
166	Electrochemical immunosensor based on Fe ₃ O ₄ /MWCNTs-COOH/AuNPs nanocomposites for trace liver cancer marker alpha-fetoprotein detection. <i>Talanta</i> , 2023, 259, 124492.	5.5	12
167	Simultaneous Detection of Cd ⁺² , Pb ⁺² , and As ⁺³ Ions in Water Using Green-Synthesized Gold Nanoparticles by Square Wave Anodic Stripping Voltammetry. <i>IEEE Sensors Journal</i> , 2023, 23, 5569-5576.	4.7	0
168	Promising antimicrobial and antibiofilm activities of <i>Orobancha aegyptiaca</i> extract-mediated bimetallic silver-selenium nanoparticles synthesis: Effect of UV-exposure, bacterial membrane leakage reaction mechanism, and kinetic study. <i>Archives of Biochemistry and Biophysics</i> , 2023, 736, 109539.	3.0	14
169	Study on the effect of pH on the biosynthesis of silver nanoparticles using <i>Capparis moonii</i> fruit extract: their applications in anticancer activity, biocompatibility and photocatalytic degradation. <i>Chemical Papers</i> , 0, , .	2.2	0
170	Carbohydrate polymer derived nanocomposites: design, features and potential for biomedical applications. <i>Polymer-Plastics Technology and Materials</i> , 2023, 62, 582-603.	1.3	2
171	Diagnosis and treatment of chronic osteomyelitis based on nanomaterials. <i>World Journal of Orthopedics</i> , 0, 14, 42-54.	1.8	3
172	Green Synthesis, Characterization, and Evaluation of Biocompatible Structures of Gold Nanoparticles in Biomedical Applications (Antibacterial, Antifungal, and Anticancer). <i>Kahramanmaraş Sıhhiye Fakültesi Tıp Fakültesi Tıp Dergisi</i> , 2023, 26, 977-990.	0.7	0
173	Phytosynthesized nanomaterials for the future. , 2023, , 237-253.		0
174	The Investigation of the Chemical Composition and Applicability of Gold Nanoparticles Synthesized with <i>Amygdalus communis</i> (Almond) Leaf Aqueous Extract as Antimicrobial and Anticancer Agents. <i>Molecules</i> , 2023, 28, 2428.	3.8	5
175	Cytotoxicity and Antimicrobial efficiency of gold (Au) nanoparticles formulated by green approach using <i>Andrographis paniculata</i> leaf extract. <i>Journal of King Saud University - Science</i> , 2023, 35, 102687.	3.5	5
176	Biogenic green metal nano systems as efficient anti-cancer agents. <i>Environmental Research</i> , 2023, 229, 115933.	7.5	20
177	Evaluation of cobalt nanoparticles suspension as antifungal agent in treatment of cutaneous candidiasis. <i>Kuwait Journal of Science</i> , 2023, , .	0.6	0
178	Recent Advances of Fe(III)/Fe(II)-MPNs in Biomedical Applications. <i>Pharmaceutics</i> , 2023, 15, 1323.	4.5	15
179	Green Synthesis of Metallic Nanoparticles and Their Biomedical Applications. , 2023, , 47-71.		0
180	Biocompatible green-synthesized nanomaterials for therapeutic applications. , 2023, , 285-367.		0
181	Green synthesis and characterization of selenium nanoparticles (Se NPs) from the skin (testa) of <i>Pistacia vera</i> L. (Siirt pistachio) and investigation of antimicrobial and anticancer potentials. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	5
182	Green Nanomaterials for Smart Textiles Dedicated to Environmental and Biomedical Applications. <i>Materials</i> , 2023, 16, 4075.	2.9	3

#	ARTICLE	IF	CITATIONS
183	Updates on Biogenic Metallic and Metal Oxide Nanoparticles: Therapy, Drug Delivery and Cytotoxicity. <i>Pharmaceutics</i> , 2023, 15, 1650.	4.5	7
184	Statistical optimization and characterization of monodisperse and stable biogenic gold nanoparticle synthesis using <i>Streptomyces</i> sp. M137-2. <i>World Journal of Microbiology and Biotechnology</i> , 2023, 39, .	3.6	0
185	Investigation of the Influence of Wound-Treatment-Relevant Buffer Systems on the Colloidal and Optical Properties of Gold Nanoparticles. <i>Nanomaterials</i> , 2023, 13, 1878.	4.1	2
186	Main Green Nanomaterials for Water Remediation. , 2023, , 175-210.		0
187	Algae-Based Synthesis to Generate Nanomaterials for Nanoremediation. , 2023, , 109-126.		1
188	Recent advances in nanomedicine preparative methods and their therapeutic potential for colorectal cancer: a critical review. <i>Frontiers in Oncology</i> , 0, 13, .	2.8	3
189	Study of Potential Anticancer, Antibacterial, Antioxidant and Photocatalytic Activities of Microwave Assisted Gold Nanoparticles using <i>Limonia acidissima</i> Fruit Pulp Extract. <i>Asian Journal of Chemistry</i> , 2023, 35, 1218-1224.	0.3	0
190	Bacterial Cellulose-Based Materials: A Perspective on Cardiovascular Tissue Engineering Applications. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 2949-2969.	5.2	8
191	Attenuation of cadmium-induced hepatotoxicity by orally administered <i>Crassocephalum rubens</i> synthesized gold nanoparticles in rats. <i>Comparative Clinical Pathology</i> , 0, , .	0.7	0
192	Combating Microbial Infections Using Metal-Based Nanoparticles as Potential Therapeutic Alternatives. <i>Antibiotics</i> , 2023, 12, 909.	3.7	4
193	Comparison of DNAâ€“Gold Nanoparticle Conjugation Methods: Application in Lateral Flow Nucleic Acid Biosensors. <i>Molecules</i> , 2023, 28, 4480.	3.8	3
194	Microwave assisted production and characterization of gold nanoparticles using green tea and catechin extracts obtained by supercritical extraction method. <i>Chemical Papers</i> , 2023, 77, 5155-5167.	2.2	1
195	Gold nanoparticles synthesis using <i>Gymnosporia montana</i> L. and its biological profile: a pioneer report. <i>Journal of Genetic Engineering and Biotechnology</i> , 2023, 21, 71.	3.3	2
196	Gold Nanoparticles: Construction for Drug Delivery and Application in Cancer Immunotherapy. <i>Pharmaceutics</i> , 2023, 15, 1868.	4.5	5
197	Exploring the potential anti-inflammatory effect of biosynthesized gold nanoparticles using <i>Isodon excisus</i> leaf tissue in human keratinocytes. <i>Arabian Journal of Chemistry</i> , 2023, 16, 105113.	4.9	3
198	Materials used to prevent adhesion, growth, and biofilm formation of <i>Candida</i> species. <i>Medical Mycology</i> , 2023, 61, .	0.7	2
199	NANOGOLD AS A COMPONENT OF ACTIVE DRUGS AND DIAGNOSTIC AGENTS. <i>International Journal of Applied Pharmaceutics</i> , 0, , 52-59.	0.3	1
200	Anticancer, Antioxidant, and Catalytic Activities of Green Synthesized Gold Nanoparticles Using Avocado Seed Aqueous Extract. <i>ACS Omega</i> , 2023, 8, 26088-26101.	3.5	1

#	ARTICLE	IF	CITATIONS
201	Biological synthesis of nanoparticles from selected medicinal plants. , 2024, , 47-59.		0
203	Diversity of fungus-mediated synthesis of gold nanoparticles: properties, mechanisms, challenges, and solving methods. Critical Reviews in Biotechnology, 0, , 1-17.	9.0	2
204	Biosynthesis of Silver Nanoparticles Using Tabernaemontana ventricosa Extracts. Applied Sciences (Switzerland), 2023, 13, 8395.	2.5	1
205	Algal-derived nanoparticles and their antibacterial potential: Current evidence and future perspectives. Journal of Microbiological Methods, 2023, 211, 106790.	1.6	1
206	Microbes-Induced Biofabrication of Gold Nanoparticles and Its Exploitation in Biosensing of Phytopathogens. , 2023, , 409-435.		1
207	Selenium nanoparticles based on Amphipterygium glaucum extract with antibacterial, antioxidant, and plant biostimulant properties. Journal of Nanobiotechnology, 2023, 21, .	9.1	5
208	Nanobiomaterial-Based Biosensors for the Diagnosis of Infectious Diseases. , 2023, , 241-257.		0
209	Printed Circuit Boards Leaching Followed by Synthesis of Gold Nanoparticle Clusters Using Plant Extracts. Waste and Biomass Valorization, 0, , .	3.4	0
210	Green synthesis of gold nanoparticles by engineered Escherichia coli for photodegradation of p-nitrophenol. Materials Letters, 2023, 352, 135163.	2.6	0
211	Biofabricated Gold Nanoparticles with Antibacterial and Antibiofilm Activities Against Foodborne Bacterial Pathogens Using Pseudomonas aeruginosa Metabolic Extract. Journal of Inorganic and Organometallic Polymers and Materials, 2024, 34, 565-583.	3.7	0
212	Green Synthesis of Microbial Nanoparticles. , 2023, , 331-350.		0
213	Biosynthesis of nanoparticles using plant extract. , 2023, , 101-117.		0
214	A microfluidics chemiluminescence immunosensor based on orientation of antibody for HIV-1 p24 antigen detection. Sensors and Actuators B: Chemical, 2023, 395, 134510.	7.8	0
215	Metallic Nanoparticles: A Promising Arsenal against Antimicrobial Resistance”Unraveling Mechanisms and Enhancing Medication Efficacy. International Journal of Molecular Sciences, 2023, 24, 14897.	4.1	4
216	Beyond traditional biosensors: Recent advances in gold nanoparticles modified electrodes for biosensing applications. Talanta, 2024, 268, 125280.	5.5	4
217	Synthesis of Metal Nanoparticles from Vegetables and Their Waste Materials for Diverse Application. , 2023, , 13-30.		0
218	Assessment of the potential cerebellar toxicity of gold nanoparticles on the structure and function of adult male albino rats. Bioscience Reports, 2023, 43, .	2.4	0
219	Fungal-Based Nanoparticles. Environmental and Microbial Biotechnology, 2023, , 81-111.	0.7	0

#	ARTICLE	IF	CITATIONS
220	Nanobiosensors for aflatoxin B1 detection, current research trends and future outlooks. Microchemical Journal, 2023, 194, 109344.	4.5	1
221	Exploring the biomedical potential of iron vanadate Nanoparticles: A comprehensive review. Inorganic Chemistry Communication, 2023, 157, 111423.	3.9	1
222	Polydopamine functionalized stellate mesoporous silica using mussel inspired chemistry for ultrastretchable, conductive and self-healing hydrogel on wearable strain sensors. Materials Today Communications, 2023, 37, 107148.	1.9	0
223	Graphene-based Nanocomposite Sensors for Detection of Pathogenic Bacteria. , 2023, , 427-456.		0
224	Antibacterial and Cytotoxic Potential of Latex-Mediated Silver Nanoparticles Using Tabernaemontana ventricosa. Applied Sciences (Switzerland), 2023, 13, 11363.	2.5	0
225	Impacts of Dietary Selenium Nanoparticles from Spirulina platensis on Growth Performance, Physio-Biochemical Components and Alleviating Effect against Cadmium Toxicity in Pacific White Shrimp Litopenaeus vannamei. Catalysts, 2023, 13, 1389.	3.5	2
226	Green Synthesis of Nanoparticles and Their Energy Storage, Environmental, and Biomedical Applications. Crystals, 2023, 13, 1576.	2.2	6
227	A critical review on green approaches in shape and size evolution of metal nanoparticles and their environmental applications. Environmental Nanotechnology, Monitoring and Management, 2023, 20, 100895.	2.9	0
228	Advanced Nano-Materials for Biomedical Applications. , 2024, , 31-41.		0
229	Recent development of carrier materials in anthocyanins encapsulation applications: A comprehensive literature review. Food Chemistry, 2024, 439, 138104.	8.2	0
230	Gold nanoparticles and their applications in transdermal drug delivery: A review. Journal of Drug Delivery Science and Technology, 2023, 90, 105174.	3.0	0
231	Multifunctional gold nanoparticles for osteoporosis: synthesis, mechanism and therapeutic applications. Journal of Translational Medicine, 2023, 21, .	4.4	3
232	Gold Nanoparticles from a Microorganism: A Synthetic Approach. Engineering Materials, 2023, , 199-230.	0.6	0
233	Cyperus scariosus extract based greenly synthesized gold nanoparticles as colorimetric nanoprobe for Ni ²⁺ detection and as antibacterial and photocatalytic agent. Journal of Molecular Liquids, 2024, 393, 123622.	4.9	0
234	Highly Sensitive TIT4T Fiber-Based WaveFlex Biosensors Functionalized With MXene-QDs for Xanthine Detection. IEEE Sensors Journal, 2024, 24, 1564-1571.	4.7	0
235	Low-Cost Plant-Based Metal and Metal Oxide Nanoparticle Synthesis and Their Use in Optical and Electrochemical (Bio)Sensors. Biosensors, 2023, 13, 1031.	4.7	0
236	Rational approach to design gold nanoparticles for photothermal therapy: the effect of gold salt on physicochemical, optical and biological properties. International Journal of Pharmaceutics, 2024, 650, 123659.	5.2	0
237	Targeting the prostate tumor microenvironment by plant-derived natural products. Cellular Signalling, 2024, 115, 111011.	3.6	1

#	ARTICLE	IF	CITATIONS
238	Response surface methodology: Optimization of myco-synthesized gold and silver nanoparticles by <i>Trichoderma saturnisporum</i> . <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	1
239	Gold nanoparticles as a promising catalyst for efficient oxygen reduction in fuel cells: Perils and prospects. <i>Inorganic Chemistry Communication</i> , 2024, 160, 111961.	3.9	0
240	Stimuli-responsive peptide assemblies: Design, self-assembly, modulation, and biomedical applications. <i>Bioactive Materials</i> , 2024, 35, 181-207.	15.6	0
241	In Situ Self- α Aggregation of <i>Spirulina</i> Skeleton Fibers Enhances the Efficacy of Anti-Tumor Thermal Immunotherapy. <i>Advanced Functional Materials</i> , 0, , .	14.9	2
242	Novel portable photoelectrochemical sensor based on CdS/Au/TiO ₂ nanotube arrays for sensitive, non-invasive, and instantaneous uric acid detection in saliva. <i>Talanta</i> , 2024, 271, 125646.	5.5	1
243	Green synthesis and characterization parameters of gold nanoparticles. , 2024, , 31-84.		0
244	Nanoparticle-Based Immunotherapy for Reversing T-Cell Exhaustion. <i>International Journal of Molecular Sciences</i> , 2024, 25, 1396.	4.1	0
245	Biogenic derived cobalt nanoparticles using <i>Morus alba</i> and their potent antibacterial and catalytic degradation activity. <i>Chemical Papers</i> , 2024, 78, 3137-3147.	2.2	1
246	Gold Fluorescence Nanoparticles for Enhanced SERS Detection in Biomedical Sensor Applications: Current Trends and Future Directions. <i>Chemical Record</i> , 0, , .	5.8	0
247	Anticarcinogenic Effects of Gold Nanoparticles and Metformin Against MCF-7 and A549 Cells. <i>Biological Trace Element Research</i> , 0, , .	3.5	0
248	A Comprehensive Review on Green and Eco-Friendly Nano-Adsorbents for the Removal of Heavy Metal Ions: Synthesis, Adsorption Mechanisms, and Applications. <i>Current Pollution Reports</i> , 2024, 10, 1-39.	6.6	0
249	Layer-by-Layer Biopolymer Assembly for the <i>In Situ</i> Fabrication of AuNP Plasmonic Paper α SERS Substrate for Food Adulteration Detection. <i>ACS Omega</i> , 2024, 9, 10099-10109.	3.5	0
250	Biosynthesis, Characterization, and Biomedical Applications of Gold Nanoparticles with <i>Cucurbita moschata</i> Duchesne Ex Poirlet Peel Aqueous Extracts. <i>Molecules</i> , 2024, 29, 923.	3.8	0
251	A systematic review on Streptomyces mediated green synthesis gold nanoparticles and their application in nanomedicine. <i>AIP Conference Proceedings</i> , 2024, , .	0.4	0
252	<i>Aerva lanata</i> flower extract mediated green synthesis of silver nanoparticles: Their characterization, in vitro antioxidants and antimicrobial investigations. <i>Polymers for Advanced Technologies</i> , 2024, 35, .	3.2	0
253	Synthesis of <i>Pseudostellaria heterophylla</i> polysaccharide α gold nanocomposites and their antitumor effect through immunomodulation. <i>Microscopy Research and Technique</i> , 0, , .	2.2	0
254	Utilization of herbivore defensive latex from the weed <i>Calotropis procera</i> L in the green synthesis of silver nanoparticles and its potential application in the control of dengue vector <i>Aedes aegypti</i> .. , 2024, , 100073.		0
255	Biosynthesis of NIR α Ag ₂ Se Quantum Dots with Bacterial Catalase for Photoacoustic Imaging and Alleviating α Hypoxia Photothermal Therapy. <i>Small</i> , 0, , .	10.0	0

#	ARTICLE	IF	CITATIONS
256	Alkaline protease functionalized hydrothermal synthesis of novel gold nanoparticles (ALPs-AuNPs): A new entry in photocatalytic and biological applications. International Journal of Biological Macromolecules, 2024, 265, 131067.	7.5	0