

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71 papers	3,223 citations	35 h-index	56 g-index
74 ext. papers	3,828 ext. citations	5.6 avg, IF	5.74 L-index

#	Paper	IF	Citations
71	Nanotechnology in plant disease management: DNA-directed silver nanoparticles on graphene oxide as an antibacterial against <i>Xanthomonas perforans</i> . <i>ACS Nano</i> , <b>2013</b> , 7, 8972-80	16.7	351
70	A cell-targeted, size-photocontrollable, nuclear-uptake nanodrug delivery system for drug-resistant cancer therapy. <i>Nano Letters</i> , <b>2015</b> , 15, 457-63	11.5	184
69	Gold-Coated FeO Nanoroses with Five Unique Functions for Cancer Cell Targeting, Imaging and Therapy. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1772-1780	15.6	158
68	A new generation approach in enzyme immobilization: Organic-inorganic hybrid nanoflowers with enhanced catalytic activity and stability. <i>Enzyme and Microbial Technology</i> , <b>2016</b> , 93-94, 105-112	3.8	145
67	Synthesis of copper ion incorporated horseradish peroxidase-based hybrid nanoflowers for enhanced catalytic activity and stability. <i>Dalton Transactions</i> , <b>2015</b> , 44, 13845-52	4.3	113
66	Reversible phase transfer of nanoparticles based on photoswitchable host-guest chemistry. <i>ACS Nano</i> , <b>2014</b> , 8, 2555-61	16.7	108
65	DNA-guided metal-nanoparticle formation on graphene oxide surface. <i>Advanced Materials</i> , <b>2013</b> , 25, 2319-25	24	108
64	Chamomile flower extract-directed CuO nanoparticle formation for its antioxidant and DNA cleavage properties. <i>Materials Science and Engineering C</i> , <b>2016</b> , 60, 333-338	8.3	103
63	Preparation of lactoperoxidase incorporated hybrid nanoflower and its excellent activity and stability. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 84, 402-9	7.9	91
62	Aptamer-conjugated multifunctional nanoflowers as a platform for targeting, capture, and detection in laser desorption ionization mass spectrometry. <i>ACS Nano</i> , <b>2013</b> , 7, 417-27	16.7	87
61	Synthesis of urease hybrid nanoflowers and their enhanced catalytic properties. <i>Enzyme and Microbial Technology</i> , <b>2016</b> , 86, 134-42	3.8	80
60	Low Concentrations of a Silver-Based Nanocomposite to Manage Bacterial Spot of Tomato in the Greenhouse. <i>Plant Disease</i> , <b>2016</b> , 100, 1460-1465	1.5	80
59	A hierarchical assembly of flower-like hybrid Turkish black radish peroxidase-Cu nanobiocatalyst and its effective use in dye decolorization. <i>Chemosphere</i> , <b>2017</b> , 182, 122-128	8.4	78
58	A new generation of flowerlike horseradish peroxides as a nanobiocatalyst for superior enzymatic activity. <i>Enzyme and Microbial Technology</i> , <b>2015</b> , 75-76, 25-9	3.8	74
57	The Effect of <i>Pelargonium endlicherianum</i> Fenzl. root extracts on formation of nanoparticles and their antimicrobial activities. <i>Enzyme and Microbial Technology</i> , <b>2017</b> , 97, 21-26	3.8	73
56	A green approach for formation of silver nanoparticles on magnetic graphene oxide and highly effective antimicrobial activity and reusability. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 227, 147-152	6	72
55	Enrichment and detection of rare proteins with aptamer-conjugated gold nanorods. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 6008-15	7.8	72

54	Self assembled snowball-like hybrid nanostructures comprising Viburnum opulus L. extract and metal ions for antimicrobial and catalytic applications. <i>Enzyme and Microbial Technology</i> , <b>2017</b> , 102, 60-66	3.8	60
53	Green synthesis with incorporated hydrothermal approaches for silver nanoparticles formation and enhanced antimicrobial activity against bacterial and fungal pathogens. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 238, 263-269	6	59
52	Biomolecules incorporated metallic nanoparticles synthesis and their biomedical applications. <i>Materials Letters</i> , <b>2018</b> , 212, 45-50	3.3	59
51	Bovine serum albumin-Cu(II) hybrid nanoflowers: An effective adsorbent for solid phase extraction and slurry sampling flame atomic absorption spectrometric analysis of cadmium and lead in water, hair, food and cigarette samples. <i>Analytica Chimica Acta</i> , <b>2016</b> , 906, 110-117	6.6	59
50	Aptamer-nanoparticle assembly for logic-based detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 3007-11	9.5	59
49	Aptamers selected by cell-SELEX for application in cancer studies. <i>Bioanalysis</i> , <b>2010</b> , 2, 907-18	2.1	58
48	DNA aptamer functionalized gold nanostructures for molecular recognition and photothermal inactivation of methicillin-Resistant Staphylococcus aureus. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 159, 16-22	6	50
47	Synthesis and characterization of green tea (Camellia sinensis (L.) Kuntze) extract and its major components-based nanoflowers: a new strategy to enhance antimicrobial activity. <i>RSC Advances</i> , <b>2017</b> , 7, 44303-44308	3.7	48
46	One-step facile surface engineering of hydrophobic nanocrystals with designer molecular recognition. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 13164-7	16.4	48
45	ICG-conjugated Magnetic Graphene Oxide for Dual Photothermal and Photodynamic Therapy. <i>RSC Advances</i> , <b>2016</b> , 6, 30285-30292	3.7	46
44	Molecular recognition of live cells using DNA aptamers. <i>World Journal of Translational Medicine</i> , <b>2013</b> , 2, 67-74	8	43
43	Biosynthesis of red cabbage extract directed Ag NPs and their effect on the loss of antioxidant activity. <i>Materials Letters</i> , <b>2016</b> , 179, 20-23	3.3	43
42	Formation of functional nanobiocatalysts with a novel and encouraging immobilization approach and their versatile bioanalytical applications.. <i>RSC Advances</i> , <b>2018</b> , 8, 25298-25303	3.7	42
41	Formation of Matricaria chamomilla extract-incorporated Ag nanoparticles and size-dependent enhanced antimicrobial property. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 174, 78-83	6.7	42
40	Anthocyanins-rich berry extracts directed formation of Ag NPs with the investigation of their antioxidant and antimicrobial activities. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 248, 1044-1049	6	38
39	Biosynthesis of silver nanoparticles and their versatile antimicrobial properties. <i>Materials Research Express</i> , <b>2019</b> , 6, 012001	1.7	38
38	Cancer cell sensing and therapy using affinity tag-conjugated gold nanorods. <i>Interface Focus</i> , <b>2013</b> , 3, 20130006	3.9	37
37	Effect of feed supplementation with biosynthesized silver nanoparticles using leaf extract of Morus indica L. V1 on Bombyx mori L. (Lepidoptera: Bombycidae). <i>Scientific Reports</i> , <b>2019</b> , 9, 14839	4.9	35

36	Building block and rapid synthesis of catecholamines-inorganic nanoflowers with their peroxidase-mimicking and antimicrobial activities. <i>Scientific Reports</i> , <b>2020</b> , 10, 2903	4.9	33
35	One step preparation of stable gold nanoparticle using red cabbage extracts under UV light and its catalytic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 204, 111800	6.7	31
34	Can concomitant use of zinc and curcumin with other immunity-boosting nutraceuticals be the arsenal against COVID-19?. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 2425-2428	6.7	27
33	Green synthesis of allicin based hybrid nanoflowers with evaluation of their catalytic and antimicrobial activities. <i>Biotechnology Letters</i> , <b>2020</b> , 42, 1683-1690	3	19
32	Synthesis of Long-Term Stable Gold Nanoparticles Benefiting from Red Raspberry (), Strawberry (), and Blackberry () Extracts-Gold Ion Complexation and Investigation of Reaction Conditions. <i>ACS Omega</i> , <b>2019</b> , 4, 18637-18644	3.9	19
31	Can food and food supplements be deployed in the fight against the COVID 19 pandemic?. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2021</b> , 1865, 129801	4	18
30	Exogenous pulmonary surfactant: A review focused on adjunctive therapy for severe acute respiratory syndrome coronavirus 2 including SP-A and SP-D as added clinical marker. <i>Current Opinion in Colloid and Interface Science</i> , <b>2021</b> , 51, 101413	7.6	17
29	Peroxidase-like activity and antimicrobial properties of curcumin-inorganic hybrid nanostructure. <i>Saudi Journal of Biological Sciences</i> , <b>2020</b> , 27, 2574-2579	4	15
28	Bio-molecule functionalized rapid one-pot green synthesis of silver nanoparticles and their efficacy toward the multidrug resistant (MDR) gut bacteria of silkworms (). <i>RSC Advances</i> , <b>2020</b> , 10, 22742-22757	7.7	15
27	Novel Anthocyanin-Based Colorimetric Assay for the Rapid, Sensitive, and Quantitative Detection of. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6246-6253	7.8	15
26	Gallic acid nanoflower immobilized membrane with peroxidase-like activity for m-cresol detection. <i>Scientific Reports</i> , <b>2020</b> , 10, 16765	4.9	13
25	Extracellular directed ag NPs formation and investigation of their antimicrobial and cytotoxic properties. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 9-16	4.4	12
24	Simultaneous use of phenylboronic acid as a phase transfer agent and targeting ligand for gold nanoparticles. <i>Materials Letters</i> , <b>2020</b> , 280, 128561	3.3	11
23	Nanotechnology in Plants. <i>Advances in Biochemical Engineering/Biotechnology</i> , <b>2018</b> , 164, 263-275	1.7	10
22	Preparation of biocompatible and stable iron oxide nanoparticles using anthocyanin integrated hydrothermal method and their antimicrobial and antioxidant properties. <i>Materials Research Express</i> , <b>2019</b> , 6, 125011	1.7	10
21	Transfer of hydrophobic colloidal gold nanoparticles to aqueous phase using catecholamines. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 315, 113796	6	10
20	Green synthesis of silver nanoparticles using aqueous extracts of three <i>Sideritis</i> species from Turkey and evaluations bioactivity potentials. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 21, 100426	3.9	10
19	Horseradish peroxidase-based hybrid nanoflowers with enhanced catalytical activities for polymerization reactions of phenol derivatives. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 2371	3.2	9

18	Comparison of phytotoxic effects of bio-synthesised copper oxide nanoparticle and ionic copper on <i>Elodea canadensis</i> . <i>Chemistry and Ecology</i> , <b>2018</b> , 34, 839-853	2.3	9
17	NUCLEIC ACID-FUNCTIONALIZED NANOMATERIALS. <i>Nano LIFE</i> , <b>2013</b> , 03, 1340004	0.9	9
16	A new approach for green synthesis and characterization of <i>Artemisia L.</i> (Asteraceae) genotype extracts -Cu <sup>2+</sup> nanocomplexes (nanoflower) and their effective antimicrobial activity. <i>Medicine Science</i> , <b>2020</b> , 9, 191	1.6	7
15	DNA Aptamer-Conjugated Magnetic Graphene Oxide for Pathogenic Bacteria Aggregation: Selective and Enhanced Photothermal Therapy for Effective and Rapid Killing. <i>ACS Omega</i> , <b>2021</b> , 6, 20637-20643	3.9	7
14	A facile and one-pot aqueous phase transfer of oleylamine capped Au NP with aminophenylboronic acid used as transfer and targeting ligand. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 148, 109810	3.8	7
13	Investigation of ellagic acid rich-berry extracts directed silver nanoparticles synthesis and their antimicrobial properties with potential mechanisms towards <i>Enterococcus faecalis</i> and <i>Candida albicans</i> . <i>Journal of Biotechnology</i> , <b>2021</b> , 341, 155-162	3.7	7
12	Preparation of magnetic horseradish peroxidase-laccase nanoflower for rapid and efficient dye degradation with dual mechanism and cyclic use. <i>Materials Letters</i> , <b>2021</b> , 303, 130501	3.3	7
11	Preparation of nature inspired indicator based agar for detection and identification of MRSA and MRSE. <i>Talanta</i> , <b>2020</b> , 219, 121292	6.2	6
10	Preparation of natural indicator incorporated media and its logical use as a colorimetric biosensor for rapid and sensitive detection of Methicillin-resistant <i>Staphylococcus aureus</i> . <i>Analytica Chimica Acta</i> , <b>2020</b> , 1128, 80-89	6.6	6
9	Dopamine and norepinephrine assistant-synthesized nanoflowers immobilized membrane with peroxidase mimic activity for efficient detection of model substrates. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 117-125	3.3	6
8	Response to S MacIntyre et al., 2020: A rapid systematic review of the efficacy of face masks and respirators against coronaviruses and other respiratory transmissible viruses for the community, healthcare workers and sick patients". <i>International Journal of Nursing Studies</i> , <b>2020</b> , 109, 103714	5.8	4
7	Kudret Nar (Moringa charantia Descourt.) Meyvesinden Safraflavon Peroksidaz Enzimi Kullanarak Hibrit Nano İnkler Sentezlenmesi ve Direct blue 1 Gideriminde Kullanılabilirlikleri. <i>Bitlis Eren Üniversitesi Fen Bilimleri Dergisi</i> , <b>2020</b> , 9, 573-583	0.1	3
6	Nanomaterials for Enzyme Immobilization <b>2020</b> , 165-190		3
5	Organik-inorganik hibrit nano İnklerin Emen (Trigonella foenum-graecum L.) tohum ekstresi kullanılarak sentezi ve anti-mikrobiyal özelliklerinin araştırılması		2
4	Synthesis of taurine-Cu(PO) hybrid nanoflower and their peroxidase-mimic and antimicrobial properties. <i>Journal of Biotechnology</i> , <b>2021</b> , 343, 96-101	3.7	2
3	Synthesis of Metallic and Metal Oxide Nanomaterials <b>2020</b> , 99-123		1
2	Co-Enzymes based nanoflowers incorporated-magnetic carbon nanotubes: A new generation nanocatalyst for superior removal of cationic and anionic dyes with great repeated use. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 24, 101992	7	0
1	Other applications and future directions <b>2012</b> , 68-80		

