

Mohammad Azam Ansari

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

4,559
citations

93792

39
h-index

145109

60
g-index

120
all docs

120
docs citations

120
times ranked

4822
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and fabrication of fouling resistant cross-linked polyamide thin film composite nanofiltration membrane consisting of an aliphatic triamine and terephthaloyl chloride for water desalting applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 633, 127855.	2.3	6
2	<i>Decalepis hamiltonii</i> and its bioactive constituents mitigate isoproterenol-induced cardiotoxicity in aged rats. <i>South African Journal of Botany</i> , 2022, 151, 25-33.	1.2	2
3	Salicylic acid-mediated enhancement of resistance in tomato plants against <i>Xanthomonas perforans</i> . <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2253-2261.	1.8	3
4	Fabrication of CuO nanoparticles immobilized nanofiltration composite membrane for dye/salt fractionation: Performance and antibiofouling. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106960.	3.3	21
5	Fate, bioaccumulation and toxicity of engineered nanomaterials in plants: Current challenges and future prospects. <i>Science of the Total Environment</i> , 2022, 811, 152249.	3.9	33
6	Identification of bioactive molecules from Triphala (Ayurvedic herbal formulation) as potential inhibitors of SARS-CoV-2 main protease (Mpro) through computational investigations. <i>Journal of King Saud University - Science</i> , 2022, 34, 101826.	1.6	39
7	Eco-Friendly Synthesis of MnO ₂ Nanorods Using <i>Gmelina arborea</i> Fruit Extract and Its Anticancer Potency Against MCF-7 Breast Cancer Cell Line. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 901-907.	3.3	13
8	Dietary Polyphenols and Their Role in Oxidative Stress-Induced Human Diseases: Insights Into Protective Effects, Antioxidant Potentials and Mechanism(s) of Action. <i>Frontiers in Pharmacology</i> , 2022, 13, 806470.	1.6	215
9	Synthesis of indole-based oxadiazoles and their interaction with bacterial peptidoglycan and SARS-CoV-2 main protease: In vitro, molecular docking and in silico ADME/Tox study. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101474.	2.4	5
10	Kaempferitrin inhibits colorectal cancer cells by inducing reactive oxygen species and modulating PI3K/AKT signalling pathway. <i>Process Biochemistry</i> , 2022, 116, 26-37.	1.8	3
11	Phytocompounds as potential inhibitors of SARS-CoV-2 Mpro and PLpro through computational studies. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3456-3465.	1.8	30
12	Exosome-based nanomedicine for cancer treatment by targeting inflammatory pathways: Current status and future perspectives. <i>Seminars in Cancer Biology</i> , 2022, 86, 678-696.	4.3	27
13	Ajwa-Dates (<i>Phoenix dactylifera</i>)-Mediated Synthesis of Silver Nanoparticles and Their Anti-Bacterial, Anti-Biofilm, and Cytotoxic Potential. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4537.	1.3	14
14	Hydrogen Sulfide Biology and Its Role in Cancer. <i>Molecules</i> , 2022, 27, 3389.	1.7	47
15	NH ₂ -CuO-MCM-41 covalently cross-linked multipurpose membrane for applications in water treatment: Removal of hazardous pollutants from water, water desalination and anti-biofouling performance. <i>Chemosphere</i> , 2022, , 135592.	4.2	6
16	Sustainable Green Synthesis of Yttrium Oxide (Y ₂ O ₃) Nanoparticles Using <i>Lantana camara</i> Leaf Extracts: Physicochemical Characterization, Photocatalytic Degradation, Antibacterial, and Anticancer Potency. <i>Nanomaterials</i> , 2022, 12, 2393.	1.9	18
17	Prospective Role of Bioactive Molecules and Exosomes in the Therapeutic Potential of Camel Milk against Human Diseases: An Updated Perspective. <i>Life</i> , 2022, 12, 990.	1.1	3
18	Prospective therapeutic potential of Tanshinone IIA: An updated overview. <i>Pharmacological Research</i> , 2021, 164, 105364.	3.1	87

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19	Nanotechnological based miRNA intervention in the therapeutic management of neuroblastoma. <i>Seminars in Cancer Biology</i> , 2021, 69, 100-108.	4.3	42
20	Nanotechnology, in silico and endocrine-based strategy for delivering paclitaxel and miRNA: Prospects for the therapeutic management of breast cancer. <i>Seminars in Cancer Biology</i> , 2021, 69, 109-128.	4.3	32
21	Current Perspectives on Mycosynthesis of Nanoparticles and Their Biomedical application. , 2021, , 301-311.		8
22	Experimental Rodent Models of Vascular Dementia: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 19, 657-672.	0.8	1
23	Bacterial Synthesis of NPs and Their Scale-Up Technologies. , 2021, , 61-80.		0
24	Role of Viruses in Nanoparticles Synthesis. , 2021, , 103-119.		1
25	Genotoxic and Cytotoxic Properties of Zinc Oxide Nanoparticles Phyto-Fabricated from the Obscure Morning Glory Plant <i>Ipomoea obscura</i> (L.) Ker Gawl. <i>Molecules</i> , 2021, 26, 891.	1.7	26
26	Natural Products and Nutrients against Different Viral Diseases: Prospects in Prevention and Treatment of SARS-CoV-2. <i>Medicina (Lithuania)</i> , 2021, 57, 169.	0.8	8
27	Green synthesis, antimicrobial, antibiofilm and antitumor activities of superparamagnetic Fe_3O_4 NPs and their molecular docking study with cell wall mannoproteins and peptidoglycan. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 44-58.	3.6	44
28	Biofabricated Fatty Acids-Capped Silver Nanoparticles as Potential Antibacterial, Antifungal, Antibiofilm and Anticancer Agents. <i>Pharmaceuticals</i> , 2021, 14, 139.	1.7	27
29	Rational Design and Synthesis of Naphthalene Diimide Linked Bis-Naphthalimides as DNA Interactive Agents. <i>Frontiers in Chemistry</i> , 2021, 9, 630357.	1.8	9
30	Proanthocyaninâ€Capped Biogenic TiO_2 Nanoparticles with Enhanced Penetration, Antibacterial and ROS Mediated Inhibition of Bacteria Proliferation and Biofilm Formation: A Comparative Approach. <i>Chemistry - A European Journal</i> , 2021, 27, 5817-5829.	1.7	40
31	<i>Butea monosperma</i> seed extract mediated biosynthesis of ZnO NPs and their antibacterial, antibiofilm and anti-quorum sensing potentialities. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103044.	2.3	27
32	Bioprospecting of Rhizosphere-Resident Fungi: Their Role and Importance in Sustainable Agriculture. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 314.	1.5	35
33	Therapeutic development by repurposing drugs targeting SARS-CoV-2 spike protein interactions by simulation studies. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4560-4568.	1.8	8
34	Molecular modelling assisted design of naphthalimide-dihydropyrimidinone conjugates as potential cytotoxic agents. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101226.	2.4	3
35	Molecular approaches to lung cancer prevention. <i>Future Oncology</i> , 2021, 17, 1793-1810.	1.1	3
36	Counteraction of Biofilm Formation and Antimicrobial Potential of <i>Terminalia catappa</i> Functionalized Silver Nanoparticles against <i>Candida albicans</i> and Multidrug-Resistant Gram-Negative and Gram-Positive Bacteria. <i>Antibiotics</i> , 2021, 10, 725.	1.5	38

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37	Sol-gel Synthesis of Dy-Substituted Ni _{0.4} Cu _{0.2} Zn _{0.4} (Fe _{2-x} Dy _x)O ₄ Nano Spinel Ferrites and Evaluation of Their Antibacterial, Antifungal, Antibiofilm and Anticancer Potentialities for Biomedical Application. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5633-5650.	3.3	28
38	Fabrication and in vitro Evaluation of 4-HIA Encapsulated PLGA Nanoparticles on PC12 Cells. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5621-5632.	3.3	6
39	Inverse correlation between biofilm production efficiency and antimicrobial resistance in clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2021, 157, 104989.	1.3	12
40	Protective Effect of Salvianolic Acid B in Acetic Acid-Induced Experimental Colitis in a Mouse Model. <i>Processes</i> , 2021, 9, 1589.	1.3	2
41	In silico modeling and molecular docking insights of kaempferitrin for colon cancer-related molecular targets. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101319.	2.4	14
42	Protective Effect of Quercetin, a Flavonol against Benzo(a)pyrene-Induced Lung Injury via Inflammation, Oxidative Stress, Angiogenesis and Cyclooxygenase-2 Signalling Molecule. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8675.	1.3	10
43	Dopamine in Parkinson's disease. <i>Clinica Chimica Acta</i> , 2021, 522, 114-126.	0.5	97
44	Bioactive fluorenes. Part IV: Design, synthesis, and a combined in vitro, in silico anticancer and antibacterial evaluation of new fluorene-heterocyclic sulfonamide conjugates. <i>Journal of Molecular Structure</i> , 2021, 1246, 131232.	1.8	11
45	Fungal Biogenesis of NPs and Their Limitations. , 2021, , 81-101.		2
46	Plant-Mediated Zinc Oxide Nanoparticles: Advances in the New Millennium towards Understanding Their Therapeutic Role in Biomedical Applications. <i>Pharmaceutics</i> , 2021, 13, 1662.	2.0	53
47	Plants Saline Environment in Perception with Rhizosphere Bacteria Containing 1-Aminocyclopropane-1-Carboxylate Deaminase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11461.	1.8	17
48	Dye Separation and Antibacterial Activities of Polyaniline Thin Film-Coated Poly(phenyl sulfone) Membranes. <i>Membranes</i> , 2021, 11, 25.	1.4	10
49	Nanotechnology and Diabetic Foot Ulcer: Future Prospects. , 2021, , 331-357.		2
50	Hybrid Feature Selection Framework for the Parkinson Imbalanced Dataset Prediction Problem. <i>Medicina (Lithuania)</i> , 2021, 57, 1217.	0.8	13
51	Aegle marmelos Leaf Extract Phytochemical Analysis, Cytotoxicity, In Vitro Antioxidant and Antidiabetic Activities. <i>Plants</i> , 2021, 10, 2573.	1.6	12
52	Recent Insights and Multifactorial Applications of Carbon Nanotubes. <i>Micromachines</i> , 2021, 12, 1502.	1.4	10
53	Synthesis, characterization and evaluation of visible light active cadmium sulfide-graphitic carbon nitride nanocomposite: A prospective solar light harvesting photo-catalyst for the deactivation of waterborne pathogen. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 204, 111783.	1.7	23
54	Synthesis of magnetic iron oxide nanoparticles using pulp and seed aqueous extract of <i>Citrullus colocynthis</i> and evaluation of their antimicrobial activity. <i>Biotechnology Letters</i> , 2020, 42, 231-240.	1.1	34

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55	Syndrome resembling Kawasaki disease in COVID-19 asymptomatic children. <i>Journal of Infection and Public Health</i> , 2020, 13, 1830-1832.	1.9	26
56	Mycosynthesis of ZnO Nanoparticles Using <i>Trichoderma</i> spp. Isolated from Rhizosphere Soils and Its Synergistic Antibacterial Effect against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Journal of Fungi (Basel)</i> , Tj ETQq0 0 0 rgBT10verlock10 Tf 50 6	1.9	26
57	TAT-peptide conjugated repurposing drug against SARS-CoV-2 main protease (3CLpro): Potential therapeutic intervention to combat COVID-19. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8069-8079.	2.3	14
58	<p><p>Mycogenic Synthesis of Extracellular Zinc Oxide Nanoparticles from <p><p>Xylaria acuta and Its Nanoantibiotic Potential</p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8519-8536.	3.3	80
59	Tumorcidal and Bactericidal Properties of ZnONPs Synthesized Using <i>Cassia auriculata</i> Leaf Extract. <i>Biomolecules</i> , 2020, 10, 982.	1.8	21
60	Biofilm-Formation in Clonally Unrelated Multidrug-Resistant <i>Acinetobacter baumannii</i> Isolates. <i>Pathogens</i> , 2020, 9, 630.	1.2	13
61	Biofabrication of zinc oxide nanoparticles from <i>Melia azedarach</i> and its potential in controlling soybean seed-borne phytopathogenic fungi. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1923-1930.	1.8	43
62	Using <i>Fomitopsis pinicola</i> for bioinspired synthesis of titanium dioxide and silver nanoparticles, targeting biomedical applications. <i>RSC Advances</i> , 2020, 10, 32137-32147.	1.7	46
63	Synthesis of Electrospun TiO ₂ Nanofibers and Characterization of Their Antibacterial and Antibiofilm Potential against Gram-Positive and Gram-Negative Bacteria. <i>Antibiotics</i> , 2020, 9, 572.	1.5	81
64	Lipid-based nano delivery of Tat-peptide conjugated drug or vaccineâ€‘promising therapeutic strategy for SARS-CoV-2 treatment. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1671-1674.	2.4	28
65	Current scenario of COVID-19 in pediatric age group and physiology of immune and thymus response. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2567-2573.	1.8	43
66	Effect of Biosynthesized ZnO Nanoparticles on Multi-Drug Resistant <i>Pseudomonas Aeruginosa</i> . <i>Antibiotics</i> , 2020, 9, 260.	1.5	52
67	Boxâ€‘Behnken supported development and validation of robust HPTLC method: an application in estimation of punarnavine in leaf, stem, and their callus of <i>Boerhavia diffusa</i> Linn. <i>3 Biotech</i> , 2020, 10, 165.	1.1	3
68	Current Use of Carbon-Based Materials for Biomedical Applicationsâ€‘A Prospective and Review. <i>Processes</i> , 2020, 8, 355.	1.3	41
69	Biogenic Gold Nanoparticles as Potent Antibacterial and Antibiofilm Nano-Antibiotics against <i>Pseudomonas aeruginosa</i> . <i>Antibiotics</i> , 2020, 9, 100.	1.5	56
70	<i>Cinnamomum verum</i> Bark Extract Mediated Green Synthesis of ZnO Nanoparticles and Their Antibacterial Potentiality. <i>Biomolecules</i> , 2020, 10, 336.	1.8	76
71	Lipid-based nanoformulations in the treatment of neurological disorders. <i>Drug Metabolism Reviews</i> , 2020, 52, 185-204.	1.5	59
72	Raloxifene potentiates the effect of fluoxetine against maximal electroshock induced seizures in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 146, 105261.	1.9	26

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73	Application of triazoles as bioisosteres and linkers in the development of microtubule targeting agents. <i>RSC Medicinal Chemistry</i> , 2020, 11, 327-348.	1.7	51
74	Single step production of high-purity copper oxide-titanium dioxide nanocomposites and their effective antibacterial and anti-biofilm activity against drug-resistant bacteria. <i>Materials Science and Engineering C</i> , 2020, 113, 110992.	3.8	52
75	Antibacterial, Antibiofilm and Anticancer Activity of Biologically Synthesized Silver Nanoparticles Using Seed Extract of <i>Nigella sativa</i> . <i>Processes</i> , 2020, 8, 388.	1.3	36
76	Recent Nano-based Therapeutic Intervention of Bioactive Sesquiterpenes: Prospects in Cancer Therapeutics. <i>Current Pharmaceutical Design</i> , 2020, 26, 1138-1144.	0.9	25
77	Current Nanoparticle Approaches in Nose to Brain Drug Delivery and Anticancer Therapy - A Review. <i>Current Pharmaceutical Design</i> , 2020, 26, 1128-1137.	0.9	40
78	The Synergistic Effect of Raloxifene, Fluoxetine, and Bromocriptine Protects Against Pilocarpine-Induced Status Epilepticus and Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , 2019, 56, 1233-1247.	1.9	43
79	Synthesis, characterization and pharmacological potential of green synthesized copper nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1769-1777.	1.7	89
80	Facile preparation of antiadhesive and biocidal reverse osmosis membranes using a single coating for efficient water purification. <i>Journal of Membrane Science</i> , 2019, 591, 117299.	4.1	32
81	<p>Anticandidal activity of biosynthesized silver nanoparticles: effect on growth, cell morphology, and key virulence attributes of <i>Candida</i> species<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4667-4679.	3.3	88
82	Antibacterial and Antifungal Activity of Novel Synthesized Neodymium-Substituted Cobalt Ferrite Nanoparticles for Biomedical Application. <i>Processes</i> , 2019, 7, 714.	1.3	40
83	Therapeutic potential of functionalized siRNA nanoparticles on regression of liver cancer in experimental mice. <i>Scientific Reports</i> , 2019, 9, 15825.	1.6	34
84	Evaluation of antibacterial and antifouling properties of silver-loaded GO polysulfone nanocomposite membrane against <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , and BSA protein. <i>Reactive and Functional Polymers</i> , 2019, 140, 136-147.	2.0	47
85	Selective ion removal and antibacterial activity of silver-doped multi-walled carbon nanotube / polyphenylsulfone nanocomposite membranes. <i>Materials Chemistry and Physics</i> , 2019, 233, 102-112.	2.0	38
86	Elucidation of Scavenging Properties of Nanoparticles in the Prevention of Carcinogenicity Induced by Cigarette Smoke Carcinogens: An In Silico Study. <i>Environmental Science and Engineering</i> , 2019, , 171-183.	0.1	1
87	Synthesis of an Activatable Tetra-Substituted Nickel Phthalocyanines-4(3H)-quinazolinone Conjugate and Its Antibacterial Activity. <i>Advances in Pharmacological Sciences</i> , 2019, 2019, 1-10.	3.7	6
88	A novel Nanoformulation Development of Eugenol and their treatment in inflammation and periodontitis. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 778-790.	1.2	42
89	Evaluation of Polyphenolic Compounds and Pharmacological Activities in Hairy Root Cultures of <i>Ligularia fischeri</i> Turcz. f. <i>spiciformis</i> (Nakai). <i>Molecules</i> , 2019, 24, 1586.	1.7	20
90	Biosynthesized ZnO-NPs from <i>Morus indica</i> Attenuates Methylglyoxal-Induced Protein Glycation and RBC Damage: In-Vitro, In-Vivo and Molecular Docking Study. <i>Biomolecules</i> , 2019, 9, 882.	1.8	22

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91	Cisplatin delivery, anticancer and antibacterial properties of Fe/SBA-16/ZIF-8 nanocomposite. RSC Advances, 2019, 9, 42395-42408.	1.7	31
92	Estrogen and Serotonin: Complexity of Interactions and Implications for Epileptic Seizures and Epileptogenesis. Current Neuropharmacology, 2019, 17, 214-231.	1.4	39
93	Anticandidal activity of bioinspired ZnO NPs: effect on growth, cell morphology and key virulence attributes of <i>Candida</i> species. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 912-925.	1.9	56
94	Antibacterial and Antibiofilm Potential of Green Synthesized Silver Nanoparticles against Imipenem Resistant Clinical Isolates of <i>P. aeruginosa</i> . BioNanoScience, 2018, 8, 544-553.	1.5	32
95	Removal of heavy metal ions using a carboxylated graphene oxide-incorporated polyphenylsulfone nanofiltration membrane. Environmental Science: Water Research and Technology, 2018, 4, 438-448.	1.2	90
96	Inhibiting Effect of Zinc Oxide Nanoparticles on Advanced Glycation Products and Oxidative Modifications: a Potential Tool to Counteract Oxidative Stress in Neurodegenerative Diseases. Molecular Neurobiology, 2018, 55, 7438-7452.	1.9	32
97	Antimicrobial and antifouling properties of versatile PPSU/carboxylated GO nanocomposite membrane against Gram-positive and Gram-negative bacteria and protein. Environmental Science and Pollution Research, 2018, 25, 34103-34113.	2.7	22
98	Facile synthesis, characterization and antibacterial activity of nanostructured palladium loaded silicon carbide. Ceramics International, 2018, 44, 16908-16914.	2.3	26
99	One-Pot Facile Green Synthesis of Silver Nanoparticles Using Seed Extract of <i>Phoenix dactylifera</i> and Their Bactericidal Potential against MRSA. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	0.5	70
100	Biosynthesis of Silver Nanoparticles from Oropharyngeal <i>Candida glabrata</i> Isolates and Their Antimicrobial Activity against Clinical Strains of Bacteria and Fungi. Nanomaterials, 2018, 8, 586.	1.9	103
101	Synthesis and Characterization of Antibacterial Activity of Spinel Chromium-Substituted Copper Ferrite Nanoparticles for Biomedical Application. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2316-2327.	1.9	57
102	<i>Crataeva nurvala</i> nanoparticles inhibit virulence factors and biofilm formation in clinical isolates of <i>Pseudomonas aeruginosa</i> . Journal of Basic Microbiology, 2017, 57, 193-203.	1.8	38
103	Antiquorum sensing activity of silver nanoparticles in <i>P. aeruginosa</i> : an in silico study. In Silico Pharmacology, 2017, 5, 12.	1.8	24
104	Electron microscopic ultrastructural study on the toxicological effects of AgNPs on the liver, kidney and spleen tissues of albino mice. Environmental Toxicology and Pharmacology, 2016, 44, 30-43.	2.0	19
105	Green synthesis and antifungal activity of Al ₂ O ₃ NPs against fluconazole-resistant <i>Candida</i> spp isolated from a tertiary care hospital. RSC Advances, 2016, 6, 107577-107590.	1.7	54
106	Green synthesis of silver nanoparticles and characterization of their inhibitory effects on AGEs formation using biophysical techniques. Scientific Reports, 2016, 6, 20414.	1.6	216
107	Biochemical, histopathological, and transmission electron microscopic ultrastructural changes in mice after exposure to silver nanoparticles. Environmental Toxicology, 2016, 31, 945-956.	2.1	8
108	Green synthesis of Al ₂ O ₃ nanoparticles and their bactericidal potential against clinical isolates of multi-drug resistant <i>Pseudomonas aeruginosa</i> . World Journal of Microbiology and Biotechnology, 2015, 31, 153-164.	1.7	119

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109	Anti-biofilm efficacy of silver nanoparticles against MRSA and MRSE isolated from wounds in a tertiary care hospital. <i>Indian Journal of Medical Microbiology</i> , 2015, 33, 101-109.	0.3	120
110	Synthesis and characterization of Schiff base octaazamacrocyclic complexes and their biological studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 142, 8-19.	1.7	38
111	Interaction of silver nanoparticles with <i>Escherichia coli</i> and their cell envelope biomolecules. <i>Journal of Basic Microbiology</i> , 2014, 54, 905-915.	1.8	101
112	Interaction of Al ₂ O ₃ nanoparticles with <i>Escherichia coli</i> and their cell envelope biomolecules. <i>Journal of Applied Microbiology</i> , 2014, 116, 772-783.	1.4	110
113	Antibiofilm efficacy of silver nanoparticles against biofilm of extended spectrum β -lactamase isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 859-868.	1.6	121
114	Antiglycating Potential of Gum Arabic Capped-Silver Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 398-410.	1.4	15
115	Gum arabic capped silver nanoparticles inhibit biofilm formation by multi-drug resistant strains of <i>Pseudomonas aeruginosa</i> . <i>Journal of Basic Microbiology</i> , 2014, 54, 688-699.	1.8	73
116	Antibacterial potential of Al ₂ O ₃ nanoparticles against multidrug resistance strains of <i>Staphylococcus aureus</i> isolated from skin exudates. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	66
117	Characterization of clinical strains of MSSA, MRSA and MRSE isolated from skin and soft tissue infections and the antibacterial activity of ZnO nanoparticles. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 1605-1613.	1.7	52
118	Synthesis and characterization of the antibacterial potential of ZnO nanoparticles against extended-spectrum β -lactamases-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolated from a tertiary care hospital of North India. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 467-477.	1.7	67
119	Biochemical and histopathological ultrastructural changes caused by ZnO nanoparticles in mice. <i>Toxicological and Environmental Chemistry</i> , 0, , 1-16.	0.6	6