

S Rajeshkumar

List of Publications by Year in descending order

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170
papers

7,368
citations

71102

41
h-index

62596

80
g-index

170
all docs

170
docs citations

170
times ranked

6958
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on green synthesis of zinc oxide nanoparticles " An eco-friendly approach. Resource-efficient Technologies, 2017, 3, 406-413.	0.1	569
2	Mechanism of plant-mediated synthesis of silver nanoparticles " A review on biomolecules involved, characterisation and antibacterial activity. Chemico-Biological Interactions, 2017, 273, 219-227.	4.0	292
3	Mechanistic study on antibacterial action of zinc oxide nanoparticles synthesized using green route. Chemico-Biological Interactions, 2018, 286, 60-70.	4.0	263
4	Synthesis and biomedical applications of Cerium oxide nanoparticles " A Review. Biotechnology Reports (Amsterdam, Netherlands), 2018, 17, 1-5.	4.4	263
5	Synthesis of zinc oxide nanoparticles using plant leaf extract against urinary tract infection pathogen. Resource-efficient Technologies, 2017, 3, 459-465.	0.1	258
6	Emerging trends in the novel drug delivery approaches for the treatment of lung cancer. Chemico-Biological Interactions, 2019, 309, 108720.	4.0	253
7	Antibacterial and antioxidant potential of biosynthesized copper nanoparticles mediated through Cissus arnotiana plant extract. Journal of Photochemistry and Photobiology B: Biology, 2019, 197, 111531.	3.8	236
8	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. Chemico-Biological Interactions, 2019, 308, 206-215.	4.0	234
9	Anticancer activity of eco-friendly gold nanoparticles against lung and liver cancer cells. Journal of Genetic Engineering and Biotechnology, 2016, 14, 195-202.	3.3	219
10	Anticancer activity of silver nanoparticles synthesized using aqueous fruit shell extract of Tamarindus indica on MCF-7 human breast cancer cell line. Journal of Drug Delivery Science and Technology, 2020, 55, 101376.	3.0	219
11	Degradation of Methylene Blue Using Biologically Synthesized Silver Nanoparticles. Bioinorganic Chemistry and Applications, 2014, 2014, 1-8.	4.1	206
12	Selenium nanoparticles: A potent chemotherapeutic agent and an elucidation of its mechanism. Colloids and Surfaces B: Biointerfaces, 2018, 170, 280-292.	5.0	184
13	Biosynthesis of zinc oxide nanoparticles using Mangifera indica leaves and evaluation of their antioxidant and cytotoxic properties in lung cancer (A549) cells. Enzyme and Microbial Technology, 2018, 117, 91-95.	3.2	183
14	<i>Piper nigrum</i> Leaf and Stem Assisted Green Synthesis of Silver Nanoparticles and Evaluation of Its Antibacterial Activity Against Agricultural Plant Pathogens. Scientific World Journal, The, 2014, 2014, 1-9.	2.1	166
15	Biosynthesis and Antimicrobial Activity of Semiconductor Nanoparticles against Oral Pathogens. Bioinorganic Chemistry and Applications, 2014, 2014, 1-10.	4.1	158
16	Seaweed-mediated synthesis of gold nanoparticles using Turbinaria conoides and its characterization. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	155
17	Phytosynthesis of silver nanoparticles by Cissus quadrangularis: influence of physicochemical factors. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	144
18	Phyto-assisted synthesis, characterization and applications of gold nanoparticles " A review. Biochemistry and Biophysics Reports, 2017, 11, 46-57.	1.3	143

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19	Algae Mediated Green Fabrication of Silver Nanoparticles and Examination of Its Antifungal Activity against Clinical Pathogens. <i>International Journal of Metals</i> , 2014, 2014, 1-8.	0.3	124
20	Anticancer and enhanced antimicrobial activity of biosynthesized silver nanoparticles against clinical pathogens. <i>Journal of Molecular Structure</i> , 2016, 1116, 165-173.	3.6	124
21	In Vitro Antibacterial Activity and Mechanism of Silver Nanoparticles against Foodborne Pathogens. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-10.	4.1	117
22	The possible mechanism of eco-friendly synthesized nanoparticles on hazardous dyes degradation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101138.	3.1	117
23	Mechanism of Larvicidal Activity of Antimicrobial Silver Nanoparticles Synthesized Using <i>Garcinia mangostana</i> Bark Extract. <i>Journal of Cluster Science</i> , 2018, 29, 1233-1241.	3.3	108
24	Green synthesis of copper nanoparticles using <i>Cissus vitiginea</i> and its antioxidant and antibacterial activity against urinary tract infection pathogens. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1153-1158.	2.8	97
25	Optimization and stabilization of gold nanoparticles by using herbal plant extract with microwave heating. <i>Nano Convergence</i> , 2014, 1, 12.	12.1	94
26	Investigating the Antimicrobial Activities of the Biosynthesized Selenium Nanoparticles and Its Statistical Analysis. <i>BioNanoScience</i> , 2020, 10, 122-135.	3.5	93
27	Fruit-mediated synthesis of silver nanoparticles using <i>Vitis vinifera</i> and evaluation of their antimicrobial efficacy. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	91
28	Eco-friendly synthesis and characterization of gold nanoparticles using <i>Klebsiella pneumoniae</i> . <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	88
29	Phyto-assisted synthesis of zinc oxide nanoparticles using <i>Cassia alata</i> and its antibacterial activity against <i>Escherichia coli</i> . <i>Biochemistry and Biophysics Reports</i> , 2019, 17, 208-211.	1.3	87
30	The potential of siRNA based drug delivery in respiratory disorders: Recent advances and progress. <i>Drug Development Research</i> , 2019, 80, 714-730.	2.9	85
31	An eco-friendly synthesis of <i>Enterococcus</i> sp.-mediated gold nanoparticle induces cytotoxicity in human colorectal cancer cells. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8166-8175.	5.3	80
32	Nanostructural characterization of antimicrobial and antioxidant copper nanoparticles synthesized using novel <i>Persea americana</i> seeds. <i>OpenNano</i> , 2018, 3, 18-27.	4.8	76
33	In Vivo Type 2 Diabetes and Wound-Healing Effects of Antioxidant Gold Nanoparticles Synthesized Using the Insulin Plant <i>Chamaecostus cuspidatus</i> in Albino Rats. <i>Canadian Journal of Diabetes</i> , 2019, 43, 82-89.e6.	0.8	65
34	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020, 28, 795-817.	3.9	65
35	Microbe-mediated synthesis of antimicrobial semiconductor nanoparticles by marine bacteria. <i>Journal of Nanostructure in Chemistry</i> , 2014, 4, 1.	9.1	62
36	Synthesis of silver nanoparticles using fresh bark of <i>Pongamia pinnata</i> and characterization of its antibacterial activity against gram positive and gram negative pathogens. <i>Resource-efficient Technologies</i> , 2016, 2, 30-35.	0.1	61

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37	Bactericidal activity of bio mediated silver nanoparticles synthesized by <i>Serratia nematodiphila</i> . Drug Invention Today (discontinued), 2013, 5, 119-125.	0.6	57
38	Chitosan, chitosan nanoparticles and modified chitosan biomaterials, a potential tool to combat salinity stress in plants. Carbohydrate Polymers, 2022, 284, 119189.	10.2	54
39	Biosynthesis of Silver Chloride Nanoparticles Using <i>Bacillus subtilis</i> MTCC 3053 and Assessment of Its Antifungal Activity. ISRN Nanomaterials, 2013, 2013, 1-8.	0.7	53
40	Green Synthesis of Multifaceted Silver Nanoparticles Using the Flower Extract of <i>Aerva lanata</i> and Evaluation of Its Biological and Environmental Applications. ChemistrySelect, 2020, 5, 2322-2331.	1.5	49
41	Biosynthesis of semiconductor nanoparticles by using sulfur reducing bacteria <i>Serratia nematodiphila</i> . Advances in Nano Research, 2013, 1, 83-91.	0.9	43
42	Detection of environmentally hazardous pesticide in fruit and vegetable samples using gold nanoparticles. Food Control, 2017, 80, 11-18.	5.5	42
43	Green synthesis of silver nanoparticles using <i>Gymnema sylvestre</i> leaf extract and evaluation of its antibacterial activity. South African Journal of Chemical Engineering, 2020, 32, 1-4.	2.4	40
44	Environment friendly synthesis copper oxide nanoparticles and its antioxidant, antibacterial activities using Seaweed (<i>Sargassum longifolium</i>) extract. Journal of Molecular Structure, 2021, 1242, 130724.	3.6	37
45	ANTIDIABETIC EFFECT OF SILVER NANOPARTICLES SYNTHESIZED USING LEMONGRASS (<i>CYMBOPOGON</i>) Tj ETQq1 1 0.784314 rgBT (M) Microbiology, Biotechnology and Food Sciences, 2018, 7, 371-376.	0.8	37
46	Nano formulated proanthocyanidins as an effective wound healing component. Materials Science and Engineering C, 2020, 106, 110056.	7.3	36
47	Anticariogenic Effect of Selenium Nanoparticles Synthesized Using <i>Brassica oleracea</i> . Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	32
48	Herbal Plant Synthesis of Antibacterial Silver Nanoparticles by <i>Solanum trilobatum</i> and Its Characterization. International Journal of Metals, 2014, 2014, 1-8.	0.3	30
49	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. Chemico-Biological Interactions, 2019, 310, 108732.	4.0	29
50	Characterization and toxicology evaluation of zirconium oxide nanoparticles on the embryonic development of zebrafish, <i>Danio rerio</i> . Drug and Chemical Toxicology, 2019, 42, 104-111.	2.3	29
51	An ecofriendly synthesized gold nanoparticles induces cytotoxicity via apoptosis in <i>HepG2</i> cells. Environmental Toxicology, 2021, 36, 24-32.	4.0	27
52	Aquaculture: An overview of chemical ecology of seaweeds (food species) in natural products. Aquaculture, 2019, 507, 1-6.	3.5	25
53	Seed and bark extracts of <i>Acacia catechu</i> protects liver from acetaminophen induced hepatotoxicity by modulating oxidative stress, antioxidant enzymes and liver function enzymes in Wistar rat model. Biomedicine and Pharmacotherapy, 2018, 108, 838-844.	5.6	24
54	Citral Induced Apoptosis through Modulation of Key Genes Involved in Fatty Acid Biosynthesis in Human Prostate Cancer Cells: <i>In Silico</i> and <i>In Vitro</i> Study. BioMed Research International, 2020, 2020, 1-15.	1.9	24

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55	Biosynthesis and cytotoxic effect of silymarin-functionalized selenium nanoparticles induced autophagy mediated cellular apoptosis via downregulation of PI3K/Akt/mTOR pathway in gastric cancer. <i>Phytomedicine</i> , 2022, 99, 154014.	5.3	24
56	Phytochemical constituents of fucoidan (<i>Padina tetrastromatica</i>) and its assisted AgNPs for enhanced antibacterial activity. <i>IET Nanobiotechnology</i> , 2017, 11, 292-299.	3.8	22
57	Broad spectrum antibacterial silver nanoparticle green synthesis: Characterization, and mechanism of action. , 2019, , 429-444.		22
58	Algal biomass as a source for novel oral nano-antimicrobial agent. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3753-3758.	3.8	22
59	Cytotoxicity behaviour of response surface model optimized gold nanoparticles by utilizing fucoidan extracted from padina tetrastromatica. <i>Journal of Molecular Structure</i> , 2021, 1228, 129440.	3.6	22
60	<i>In vitro</i> bactericidal activity of biosynthesized CuS nanoparticles against UTI-causing pathogens. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1290-1297.	1.6	19
61	Anti inflammatory activity of Silver nanoparticles synthesised using Cumin oil. <i>Research Journal of Pharmacy and Technology</i> , 2019, 12, 2790.	0.8	18
62	Synthesis, Characterization, and Antibacterial Activity of ZnO Nanoparticles from Fresh Leaf Extracts of Apocynaceae, <i>Carissa spinarum</i> L. (Hagamsa). <i>Journal of Nanomaterials</i> , 2022, 2022, 1-6.	2.7	18
63	Anti-inflammatory and Antimicrobial Potential of <i>Cissus quadrangularis</i> -Assisted Copper Oxide Nanoparticles. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-11.	2.7	18
64	Phytosynthesis of Titanium Dioxide Nanoparticles Using King of Bitter <i>Andrographis paniculata</i> and Its Embryonic Toxicology Evaluation and Biomedical Potential. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-11.	4.1	17
65	Synthesis and Characterization of Selenium Nanoparticles Using Natural Resources and Its Applications. <i>Nanotechnology in the Life Sciences</i> , 2018, , 63-79.	0.6	16
66	A biological synthesis of copper nanoparticles and its potential applications. , 2019, , 199-221.		16
67	Biomimetic synthesis of selenium nanoparticles and its biomedical applications. , 2019, , 165-197.		16
68	Recent advances and biomedical applications of zinc oxide nanoparticles. , 2019, , 445-457.		16
69	A Systematic Review and Meta-Analysis on the Efficacy of Curcumin/Turmeric for the Prevention and Amelioration of Radiotherapy/Radiochemotherapy Induced Oral Mucositis in Head and Neck Cancer Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1671-1684.	1.2	16
70	Employing sulphated polysaccharide (fucoidan) as medium for gold nanoparticles preparation and its anticancer study against HepG2 cell lines. <i>Materials Today Communications</i> , 2021, 26, 101975.	1.9	15
71	Biomedical potential of silver nanoparticles capped with active ingredients of <i>Hypnea valentiae</i> , red algae species. <i>Particulate Science and Technology</i> , 2022, 40, 686-696.	2.1	15
72	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	3.8	14

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73	Inorganic titanium dioxide nanoparticles induces cytotoxicity in colon cancer cells. Inorganic Chemistry Communication, 2021, 133, 108920.	3.9	14
74	Selenium Nanoparticles as Therapeutic Agents in Neurodegenerative Diseases. , 2019, , 209-224.		14
75	<i>In Vivo</i> Antidiabetic and <i>In Vitro</i> Antioxidant and Antimicrobial Activity of Aqueous Leaves Extract of <i>Chamaecostus cuspidatus</i>. Research Journal of Pharmacy and Technology, 2016, 9, 1204.	0.8	14
76	Anticancer and Antioxidant Activity of Morinda Citrifolia Leaf Mediated Selenium Nanoparticles. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	14
77	Synthesis, characterization, thermal stability and antibacterial activity of coumarin based methacrylate copolymers. Chinese Journal of Polymer Science (English Edition), 2014, 32, 1373-1380.	3.8	13
78	Gold Nanoparticles in Diagnosis and Treatment of Alzheimerâ€™s Disease. , 2019, , 289-306.		13
79	Synthesis of greener silver nanoparticle-based chitosan nanocomposites and their potential antimicrobial activity against oral pathogens. Green Processing and Synthesis, 2021, 10, 658-665.	3.4	13
80	Degradation of Toxic Dye Using Phytomediated Copper Nanoparticles and Its Free-Radical Scavenging Potential and Antimicrobial Activity against Environmental Pathogens. Bioinorganic Chemistry and Applications, 2021, 2021, 1-10.	4.1	13
81	Potential Applications of Halloysite Nanotubes as Drug Carriers: A Review. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	13
82	Chromium remediation and toxicity assessment of nano zerovalent iron against contaminated lake water sample (Puliyanthangal Lake, Tamilnadu, India). South African Journal of Chemical Engineering, 2018, 25, 128-132.	2.4	12
83	Toxicology evaluation and antidermatophytic activity of silver nanoparticles synthesized using leaf extract of Passiflora caerulea. South African Journal of Chemical Engineering, 2019, 29, 17-23.	2.4	12
84	Biogenic nanoselenium synthesis, its antimicrobial, antioxidant activity and toxicity. Bioinspired, Biomimetic and Nanobiomaterials, 2020, 9, 184-189.	0.9	12
85	Anti-inflammatory Activity of Turmeric Oil Mediated Silver Nanoparticles. Research Journal of Pharmacy and Technology, 2019, 12, 3507.	0.8	12
86	Î²-sitosterol Mediated Silver Nanoparticles Induce Cytotoxicity in Human Colon Cancer HT-29 Cells. Avicenna Journal of Medical Biotechnology, 2021, 13, 42-46.	0.3	12
87	In vitro Anti-inflammatory activity of Silymarin/Hydroxyapatite/Chitosan Nanocomposites and its cytotoxic effect using Brine shrimp lethality assay. , 2021, 28, e71-e77.		12
88	Evaluation of Zebrafish Toxicology and Biomedical Potential of Aeromonas hydrophila Mediated Copper Sulfide Nanoparticles. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	4.0	12
89	Antifungal Impact of Nanoparticles Against Different Plant Pathogenic Fungi. , 2019, , 197-217.		11
90	ANTIDERMATOPHYTIC ACTIVITY OF GREEN SYNTHESISED ZINC OXIDE NANOPARTICLES USING Cassia alata LEAVES. Journal of Microbiology, Biotechnology and Food Sciences, 2018, 7, 348-352.	0.8	11

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91	Green Synthesis of Silver Nanoparticles using <i>Mirabilis jalapa</i> Aqueous Extract and their Antibacterial Activity against Respective Microorganisms. Research Journal of Pharmacy and Technology, 2017, 10, 811.	0.8	11
92	Curcumin-Chitosan Nanocomposite Formulation Containing Pongamia pinnata-Mediated Silver Nanoparticles, Wound Pathogen Control, and Anti-Inflammatory Potential. BioMed Research International, 2021, 2021, 1-10.	1.9	11
93	Anti-inflammatory and antioxidant activity of lycopene, raspberry, green tea herbal formulation mediated silver nanoparticle. Journal of Indian Academy of Oral Medicine and Radiology, 2021, 33, 397.	0.3	10
94	Antifungal Activity of Selenium Nanoparticles Extracted from Capparis decidua Fruit against Candida albicans. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 2452-2455.	0.1	9
95	Plant Assisted Synthesis of Silver Nanoparticles Using Boerhaavia diffusa Leaves Extract and Evolution of Antibacterial Activity. Research Journal of Pharmacy and Technology, 2016, 9, 1064.	0.8	9
96	Preparation of Silver nanoparticles using Nutmeg oleoresin and its Antimicrobial activity against Oral pathogens. Research Journal of Pharmacy and Technology, 2019, 12, 2799.	0.8	9
97	Anticariogenic Activity of Fresh <i>Aloe Vera</i> Gel Mediated Copper Oxide Nanoparticles. Indian Journal of Public Health Research and Development, 2019, 10, 3664.	0.0	9
98	Assessment of Cytotoxicity, Anti-Inflammatory and Antioxidant Activity of Zinc Oxide Nanoparticles Synthesized Using Clove and Cinnamon Formulation - An In-Vitro Study. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 1859-1864.	0.1	9
99	Antibacterial activity of Cinnamon and Clove oil against wound pathogens. , 2021, 28, e41-e46.		9
100	A Review on plant mediated selenium nanoparticles and its applications. , 2021, 28, e29-e40.		9
101	Nanoemulsion and Encapsulation Strategy of Hydrophobic Oregano Essential Oil Increased Human Prostate Cancer Cell Death via Apoptosis by Attenuating Lipid Metabolism. Bioinorganic Chemistry and Applications, 2022, 2022, 1-11.	4.1	9
102	Apoptotic and Antioxidant Activity of Gold Nanoparticles Synthesized Using Marine Brown Seaweed: An In Vitro Study. BioMed Research International, 2022, 2022, 1-9.	1.9	9
103	Optimized Production of Silver Nanoparticles Using Marine Macroalgae <i>Sargassum myriocystum</i> for Its Antibacterial Activity. Journal of Bionanoscience, 2017, 11, 323-329.	0.4	8
104	Plant-Based Synthesis of Nanoparticles and Their Impact. , 2018, , 33-57.		8
105	Assessment of Silver Nanoparticle from Cocos nucifera (coconut) Shell on Dengue Vector Toxicity, Detoxifying Enzymatic Activity and Predatory Response of Aquatic Organism. Journal of Cluster Science, 2019, 30, 1525-1532.	3.3	8
106	Evaluation of the sub-acute toxicity of Acacia catechu Willd seed extract in a Wistar albino rat model. Regulatory Toxicology and Pharmacology, 2020, 113, 104640.	2.7	8
107	Assessment of Antimicrobial Efficacy of Zinc Oxide Nanoparticles Synthesized Using Clove and Cinnamon Formulation against Oral Pathogens - An In Vitro Study. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 2034-2039.	0.1	8
108	Anticancer, Enhanced Antibacterial, and Free Radical Scavenging Potential of Fucoidan- (Fucus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 2021, 1-11.	4.0	8

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109	Biomedical Application of Chitosan and Piper Longum-assisted Nano Zinc Oxide-based Dental Varnish. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 1303-1309.	2.9	8
110	Syringic acid and silymarin concurrent administration inhibits sodium valproate-induced liver injury in rats. <i>Environmental Toxicology</i> , 2022, 37, 2143-2152.	4.0	8
111	Antimicrobial assessment of marine brown algae <i>Sargassum whitti</i> against UTI pathogens and its phytochemical analysis. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1905.	0.8	7
112	Azadirachta indica-wrapped copper oxide nanoparticles as a novel functional material in cardiomyocyte cells: An ecotoxicity assessment on the embryonic development of <i>Danio rerio</i> . <i>Environmental Research</i> , 2022, 212, 113153.	7.5	7
113	Efficacy of zirconium oxide nanoparticles coated on stainless steel and nickel titanium wires in orthodontic treatment. <i>Bioinformation</i> , 2021, 17, 760.	0.5	7
114	Recent Breakthrough of Bismuth-Based Nanostructured Materials for Multimodal Theranostic Applications. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-7.	2.7	7
115	Cytotoxicity of lycopene-mediated silver nanoparticles in the embryonic development of zebrafish: An animal study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, .	3.0	7
116	Phytochemical analysis and antioxidant activity of chloroform extract of <i>Cassia alata</i> . <i>Research Journal of Pharmacy and Technology</i> , 2018, 11, 439.	0.8	6
117	Anti-Inflammatory Activity of Dried Ginger Mediated Iron Nanoparticles. <i>Journal of Pharmaceutical Research International</i> , 0, , 14-19.	1.0	6
118	Effect of Hafnium Coating on Osseointegration of Titanium Implants: A Split Mouth Animal Study. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-9.	2.7	6
119	Brassica oleracea Mediated Synthesis of Zinc Oxide Nanoparticles and its Antibacterial Activity against Pathogenic Bacteria. <i>Asian Journal of Chemistry</i> , 2018, 30, 2711-2715.	0.3	5
120	In-vitro Cytotoxicity Evaluation of Green Synthesized Gold Nanoparticles and Its Indigenous Mouthwash. <i>Journal of Pure and Applied Microbiology</i> , 2021, 15, 735-742.	0.9	5
121	Green Synthesis, Characterization and In Vivo Evaluation of White Tea Silver Nanoparticles with 5-Fluorouracil on Colorectal Cancer. <i>BioNanoScience</i> , 2021, 11, 1095-1107.	3.5	5
122	Antibacterial and antioxidant activity of ethanolic extract of <i>Ceiba pentandra</i> leaves and its phytochemicals analysis using GC-MS. <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 1922.	0.8	5
123	Citrus Lemon Juice Mediated Preparation of AgNPs/Chitosan-Based Bionanocomposites and Its Antimicrobial and Antioxidant Activity. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-10.	2.7	5
124	Anticancer assessment of biosynthesized silver nanoparticles using <i>Mucuna pruriens</i> seed extract on Lung Cancer Treatment. <i>Research Journal of Pharmacy and Technology</i> , 2018, 11, 3887.	0.8	5
125	Characterisation of Cumin oil mediated silver nanoparticles using UV-visible spectrophotometer and TEM. <i>Research Journal of Pharmacy and Technology</i> , 2019, 12, 4931.	0.8	5
126	Cassia oleoresin Mediated Synthesis of Magnesium Oxide Nanoparticles and Brine Shrimp Lethality Assay. <i>Journal of Pharmaceutical Research International</i> , 0, , 75-82.	1.0	5

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127	Anti-inflammatory activity of Ginger oleoresin mediated Silver nanoparticles. Research Journal of Pharmacy and Technology, 2020, 13, 4591.	0.8	5
128	Antidiabetic Activity of Methanolic Extract of Artabotrys suaveolens Leaves in 3T3-L1 Cell Line. Journal of Pure and Applied Microbiology, 2020, 14, 573-580.	0.9	5
129	Preparation of a Novel Nanocomposite and Its Antibacterial Effectiveness against Enterococcus faecalis – An In Vitro Evaluation. Polymers, 2022, 14, 1499.	4.5	5
130	Green synthesis of silver nanoparticles using Symplocos racemosa and its antifungal activity against Candida albicans. Research Journal of Pharmacy and Technology, 2021, 14, 775-778.	0.8	4
131	Evaluation of Antibacterial action and Hepatoprotective efficiency of <i>Solanum nigrum</i> leaves extract on acetaminophen induced hepatotoxicity. Research Journal of Pharmacy and Technology, 2015, 8, 893.	0.8	4
132	Green synthesis of Rosemary oleoresin mediated silver nanoparticles and its effect on Oral pathogens. Research Journal of Pharmacy and Technology, 2019, 12, 5379.	0.8	4
133	Free Radical Scavenging Activity of Copper Nanoparticles Synthesized from Dried Ginger. Journal of Pharmaceutical Research International, 0, , 1-7.	1.0	4
134	The predominance of Shiga toxin-producing E. coli in the Southeast Coast of India. Marine Pollution Bulletin, 2022, 174, 113188.	5.0	4
135	Optimization of <i>Serratia nematodiphila</i> using Response surface methodology to silver nanoparticles synthesis for aquatic pathogen control. IOP Conference Series: Materials Science and Engineering, 2017, 263, 022041.	0.6	3
136	Degradation Dye Using Gold and Silver Nanoparticles Synthesized by Using Green Route and Its Characteristics. Nanotechnology in the Life Sciences, 2018, , 221-240.	0.6	3
137	Plant and Its Biomolecules on Synthesis of Silver Nanoparticles for the Antibacterial and Antifungal Activity. Nanotechnology in the Life Sciences, 2018, , 109-145.	0.6	3
138	Antibacterial Activity of White Pepper Oleoresin Mediated Silver Nanoparticles against Oral Pathogens. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 2352-2355.	0.1	3
139	Biosynthesis and characterization of silver nanoparticles by actinomycetes isolated from agriculture field and its application on antimicrobial activity. Research Journal of Pharmacy and Technology, 2017, 10, 1963.	0.8	3
140	Bacterial and fungal mediated synthesis, characterization and applications of AgNPs. , 2022, , 165-186.		3
141	Sustainable strategies for producing large-scale nanomaterials: A note from the editors. , 2022, , 1-13.		3
142	Evaluation of the re-mineralization capacity of a gold nanoparticle-based dental varnish: An in vitro study. Journal of Conservative Dentistry, 2020, 23, 390.	0.9	3
143	Cytotoxicity and Antimicrobial Activity of Chromium Picolinate Mediated Zinc Oxide Nanoparticle. Journal of Pharmaceutical Research International, 0, , 28-32.	1.0	3
144	Green Synthesis of Gold Nanoparticles Using Pomegranate Peel Extract and Its Antioxidant and Anticancer Activity against Liver Cancer Cell Line. Alınan Ziraat Bilimleri Dergisi, 2020, 35, 164-169.	0.1	3

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145	Controlling of Food Borne Pathogens by Nanoparticles. , 2018, , 293-322.		2
146	Turmeric Oil Mediated Green Synthesis of Silver Nanoparticles and their Antioxidant Activity. Journal of Evolution of Medical and Dental Sciences, 2021, 10, 558-561.	0.1	2
147	Symplocos racemosa bark assisted copper nanoparticles and its antibacterial activity against Staphylococcus aureus and Lactobacilli species. Research Journal of Pharmacy and Technology, 2021, 14, 300-302.	0.8	2
148	<l>In-Vivo<l> Wound Healing Efficiency of Curcumin Loaded on Chitosan Polyvinyl Propylene Nanofilm. Advanced Science, Engineering and Medicine, 2016, 8, 763-770.	0.3	2
149	Analysis of bioactive metabolites from <i>Azolla pinnata</i> against Dental caries. Research Journal of Pharmacy and Technology, 2017, 10, 1891.	0.8	2
150	Screening for antioxidant and Antimicrobial activity of Seed extracts of avocado pear. Research Journal of Pharmacy and Technology, 2017, 10, 1991.	0.8	2
151	Antidermatophytic, the anticancer and antioxidant activity of Cassia alata ethanolic extract and its phytochemical analysis. International Journal of Research in Pharmaceutical Sciences, 2019, 10, 838-845.	0.1	2
152	Cytotoxic Effect and Antimicrobial Activity of Chitosan Nanoparticles and Hafnium Metal Based Composite: Two Sides of the Same Coin- An In vitro Study. Journal of Pharmaceutical Research International, 0, , 122-131.	1.0	2
153	Preparation and Characterization of Cinnamon Oil Mediated Gold Nanoparticles and Evaluation of Its Cytotoxicity Using Brine Shrimp Lethality Assay. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 2894-2897.	0.1	2
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