

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	Biomedical Application of Chitosan and Piper Longum-assisted Nano Zinc Oxide-based Dental Varnish. Applied Biochemistry and Biotechnology, 2022, 194, 1303-1309.	2.9	8
2	Bacterial and fungal mediated synthesis, characterization and applications of AgNPs. , 2022, , 165-186.		3
3	Frontier and perspective outlook on agrowaste nanoparticles for healthcare and environment. , 2022, , 563-576.		0
4	Sustainable strategies for producing large-scale nanomaterials: A note from the editors. , 2022, , 1-13.		3
5	The predominance of Shiga toxin-producing E. coli in the Southeast Coast of India. Marine Pollution Bulletin, 2022, 174, 113188.	5.0	4
6	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
7	Chitosan, chitosan nanoparticles and modified chitosan biomaterials, a potential tool to combat salinity stress in plants. Carbohydrate Polymers, 2022, 284, 119189.	10.2	54
8	Synthesis, Characterization, and Antibacterial Activity of ZnO Nanoparticles from Fresh Leaf Extracts of Apocynaceae, Carissa spinarum L. (Hagamsa). Journal of Nanomaterials, 2022, 2022, 1-6.	2.7	18
9	Preparation of a Novel Nanocomposite and Its Antibacterial Effectiveness against Enterococcus faecalis—An In Vitro Evaluation. Polymers, 2022, 14, 1499.	4.5	5
10	Biosynthesis and cytotoxic effect of silymarin-functionalized selenium nanoparticles induced autophagy mediated cellular apoptosis via downregulation of PI3K/Akt/mTOR pathway in gastric cancer. Phytomedicine, 2022, 99, 154014.	5.3	24
11	Azadirachta indica-wrapped copper oxide nanoparticles as a novel functional material in cardiomyocyte cells: An ecotoxicity assessment on the embryonic development of Danio rerio. Environmental Research, 2022, 212, 113153.	7.5	7
12	Biomedical potential of silver nanoparticles capped with active ingredients of Hypnea valentiae, red algae species. Particulate Science and Technology, 2022, 40, 686-696.	2.1	15
13	Potential Applications of Halloysite Nanotubes as Drug Carriers: A Review. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	13
14	Syringic acid and silymarin concurrent administration inhibits sodium valproate-induced liver injury in rats. Environmental Toxicology, 2022, 37, 2143-2152.	4.0	8
15	Anticancer and Antioxidant Activity of Morinda Citrifolia Leaf Mediated Selenium Nanoparticles. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	14
16	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
17	Recent Breakthrough of Bismuth-Based Nanostructured Materials for Multimodal Theranostic Applications. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	7
18	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

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19	Cytotoxicity of lycopene-mediated silver nanoparticles in the embryonic development of zebrafish "An animal study. Journal of Biochemical and Molecular Toxicology, 2022, 36, .	3.0	7
20	An ecofriendly synthesized gold nanoparticles induces cytotoxicity via apoptosis in HepG2 cells. Environmental Toxicology, 2021, 36, 24-32.	4.0	27
21	Cytotoxicity behaviour of response surface model optimized gold nanoparticles by utilizing fucoidan extracted from padina tetrastrum. Journal of Molecular Structure, 2021, 1228, 129440.	3.6	22
22	Employing sulphated polysaccharide (fucoidan) as medium for gold nanoparticles preparation and its anticancer study against HepG2 cell lines. Materials Today Communications, 2021, 26, 101975.	1.9	15
23	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
24	Plant-mediated biosynthesis and characterization of zinc oxide nanoparticles. , 2021, , 37-51.		1
25	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
26	In-vitro Cytotoxicity Evaluation of Green Synthesized Gold Nanoparticles and Its Indigenous Mouthwash. Journal of Pure and Applied Microbiology, 2021, 15, 735-742.	0.9	5
27	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. Asian Pacific Journal of Cancer Prevention, 2021, 22, 1671-1684.	1.2	16
28	Anticariogenic Effect of Selenium Nanoparticles Synthesized Using Brassica oleracea. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	32
29	Green Synthesis, Characterization and In Vivo Evaluation of White Tea Silver Nanoparticles with 5-Fluorouracil on Colorectal Cancer. BioNanoScience, 2021, 11, 1095-1107.	3.5	5
30	Environment friendly synthesis copper oxide nanoparticles and its antioxidant, antibacterial activities using Seaweed (Sargassum longifolium) extract. Journal of Molecular Structure, 2021, 1242, 130724.	3.6	37
31	Inorganic titanium dioxide nanoparticles induces cytotoxicity in colon cancer cells. Inorganic Chemistry Communication, 2021, 133, 108920.	3.9	14
32	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
33	Microbe-mediated synthesis of zinc oxide nanoparticles. , 2021, , 53-63.		0
34	Anticancer, Enhanced Antibacterial, and Free Radical Scavenging Potential of Fucoidan- (Fucus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 2021, 1-11.	4.0	8
35	Phytosynthesis of Titanium Dioxide Nanoparticles Using King of Bitter Andrographis paniculata and Its Embryonic Toxicology Evaluation and Biomedical Potential. Bioinorganic Chemistry and Applications, 2021, 2021, 1-11.	4.1	17
36	Citrus Lemon Juice Mediated Preparation of AgNPs/Chitosan-Based Bionanocomposites and Its Antimicrobial and Antioxidant Activity. Journal of Nanomaterials, 2021, 2021, 1-10.	2.7	5

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37	Antioxidant and Anti-Inflammatory Property of Copper Nanoparticles (Cunps) Synthesised using Blue Tea. <i>Journal of Complementary Medicine Research</i> , 2021, 12, 81.	0.3	1
38	Synthesis of greener silver nanoparticle-based chitosan nanocomposites and their potential antimicrobial activity against oral pathogens. <i>Green Processing and Synthesis</i> , 2021, 10, 658-665.	3.4	13
39	Degradation of Toxic Dye Using Phytomediated Copper Nanoparticles and Its Free-Radical Scavenging Potential and Antimicrobial Activity against Environmental Pathogens. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-10.	4.1	13
40	Anti-inflammatory and antioxidant activity of lycopene, raspberry, green tea herbal formulation mediated silver nanoparticle. <i>Journal of Indian Academy of Oral Medicine and Radiology</i> , 2021, 33, 397.	0.3	10
41	Anticancer Activity of Cassia Oleoresin Mediated Selenium Nanoparticles Against Lung Cancer Cell Line. <i>Journal of Complementary Medicine Research</i> , 2021, 12, 138.	0.3	0
42	Î²-sitosterol Mediated Silver Nanoparticles Induce Cytotoxicity in Human Colon Cancer HT-29 Cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2021, 13, 42-46.	0.3	12
43	Antibacterial activity of Cinnamon and Clove oil against wound pathogens. , 2021, 28, e41-e46.		9
44	In vitro Anti-inflammatory activity of Silymarin/Hydroxyapatite/Chitosan Nanocomposites and its cytotoxic effect using Brine shrimp lethality assay. , 2021, 28, e71-e77.		12
45	A Review on plant mediated selenium nanoparticles and its applications. , 2021, 28, e29-e40.		9
46	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
47	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
48	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
49	Curcumin-Chitosan Nanocomposite Formulation Containing <i>Pongamia pinnata</i> -Mediated Silver Nanoparticles, Wound Pathogen Control, and Anti-Inflammatory Potential. <i>BioMed Research International</i> , 2021, 2021, 1-10.	1.9	11
50	Nano formulated proanthocyanidins as an effective wound healing component. <i>Materials Science and Engineering C</i> , 2020, 106, 110056.	7.3	36
51	Anticancer activity of silver nanoparticles synthesized using aqueous fruit shell extract of <i>Tamarindus indica</i> on MCF-7 human breast cancer cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101376.	3.0	219
52	Investigating the Antimicrobial Activities of the Biosynthesized Selenium Nanoparticles and Its Statistical Analysis. <i>BioNanoScience</i> , 2020, 10, 122-135.	3.5	93
53	Green synthesis of silver nanoparticles using <i>Gymnema sylvestre</i> leaf extract and evaluation of its antibacterial activity. <i>South African Journal of Chemical Engineering</i> , 2020, 32, 1-4.	2.4	40
54	An eco-friendly synthesis of <i>Enterococcus sp.</i> -mediated gold nanoparticle induces cytotoxicity in human colorectal cancer cells. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8166-8175.	5.3	80

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55	Algal biomass as a source for novel oral nano-antimicrobial agent. Saudi Journal of Biological Sciences, 2020, 27, 3753-3758.	3.8	22
56	Biogenic nanoselenium synthesis, its antimicrobial, antioxidant activity and toxicity. Bioinspired, Biomimetic and Nanobiomaterials, 2020, 9, 184-189.	0.9	12
57	Green synthesis of copper nanoparticles using <i>Cissus vitiginea</i> and its antioxidant and antibacterial activity against urinary tract infection pathogens. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1153-1158.	2.8	97
58	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. Inflammopharmacology, 2020, 28, 795-817.	3.9	65
59	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
60	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
61	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
62	The Role of Diverse Nanoparticles in Oxidative Stress: In Vitro and In Vivo Studies. , 2020, , 27-48.		1
63	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
64	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
65	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
66	Current Status of Nanoparticles Loaded Medication in the Management of Diabetic Retinopathy. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 1713-1718.	0.1	1
67	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
68	Anti-inflammatory activity of Ginger oleoresin mediated Silver nanoparticles. Research Journal of Pharmacy and Technology, 2020, 13, 4591.	0.8	5
69	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
70	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
71	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
72	Antimicrobial activity of silymarin mediated zinc oxide and hydroxy apatite nanoparticles against oral pathogens. Bioinformation, 2020, 16, 863-868.	0.5	2

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73	Cytotoxic potentials of silibinin assisted silver nanoparticles on human colorectal HT-29 cancer cells. <i>Bioinformation</i> , 2020, 16, 817-827.	0.5	2
74	Green Synthesis of Gold Nanoparticles Using Pomegranate Peel Extract and Its Antioxidant and Anticancer Activity against Liver Cancer Cell Line. <i>AlA±nteri Zirai Bilimleri Dergisi</i> , 2020, 35, 164-169.	0.1	3
75	Nanobiotechnology in combating CoVid-19. <i>Bioinformation</i> , 2020, 16, 828-830.	0.5	1
76	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
77	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	3.8	14
78	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
79	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 310, 108732.	4.0	29
80	A biological synthesis of copper nanoparticles and its potential applications. , 2019, , 199-221.		16
81	Broad spectrum antibacterial silver nanoparticle green synthesis: Characterization, and mechanism of action. , 2019, , 429-444.		22
82	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
83	Emerging trends in the novel drug delivery approaches for the treatment of lung cancer. <i>Chemico-Biological Interactions</i> , 2019, 309, 108720.	4.0	253
84	Antibacterial and antioxidant potential of biosynthesized copper nanoparticles mediated through <i>Cissus arnotiana</i> plant extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111531.	3.8	236
85	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 308, 206-215.	4.0	234
86	Assessment of Silver Nanoparticle from <i>Cocos nucifera</i> (coconut) Shell on Dengue Vector Toxicity, Detoxifying Enzymatic Activity and Predatory Response of Aquatic Organism. <i>Journal of Cluster Science</i> , 2019, 30, 1525-1532.	3.3	8
87	The possible mechanism of eco-friendly synthesized nanoparticles on hazardous dyes degradation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101138.	3.1	117
88	Toxicology evaluation and antidermatophytic activity of silver nanoparticles synthesized using leaf extract of <i>Passiflora caerulea</i> . <i>South African Journal of Chemical Engineering</i> , 2019, 29, 17-23.	2.4	12
89	Aquaculture: An overview of chemical ecology of seaweeds (food species) in natural products. <i>Aquaculture</i> , 2019, 507, 1-6.	3.5	25
90	Biomemetic synthesis of selenium nanoparticles and its biomedical applications. , 2019, , 165-197.		16

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91	Recent advances and biomedical applications of zinc oxide nanoparticles. , 2019, , 445-457.		16
92	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
93	Antifungal Impact of Nanoparticles Against Different Plant Pathogenic Fungi. , 2019, , 197-217.		11
94	Gold Nanoparticles in Diagnosis and Treatment of Alzheimerâ€™s Disease. , 2019, , 289-306.		13
95	Selenium Nanoparticles as Therapeutic Agents in Neurodegenerative Diseases. , 2019, , 209-224.		14
96	Anti inflammatory activity of Silver nanoparticles synthesised using Cumin oil. Research Journal of Pharmacy and Technology, 2019, 12, 2790.	0.8	18
97	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
98	Anti-inflammatory Activity of Turmeric Oil Mediated Silver Nanoparticles. Research Journal of Pharmacy and Technology, 2019, 12, 3507.	0.8	12
99	Characterisation of Cumin oil mediated silver nanoparticles using UV-visible spectrophotometer and TEM. Research Journal of Pharmacy and Technology, 2019, 12, 4931.	0.8	5
100	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
101	Role of Supermagnetic Nanoparticles in Alzheimer Disease. , 2019, , 225-240.		1
102	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
103	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
104	Controlling of Food Borne Pathogens by Nanoparticles. , 2018, , 293-322.		2
105	Nanostructural characterization of antimicrobial and antioxidant copper nanoparticles synthesized using novel Persea americana seeds. OpenNano, 2018, 3, 18-27.	4.8	76
106	Mechanistic study on antibacterial action of zinc oxide nanoparticles synthesized using green route. Chemo-Biological Interactions, 2018, 286, 60-70.	4.0	263
107	Synthesis and biomedical applications of Cerium oxide nanoparticles â€“ A Review. Biotechnology Reports (Amsterdam, Netherlands), 2018, 17, 1-5.	4.4	263
108	Brassica oleracea Mediated Synthesis of Zinc Oxide Nanoparticles and its Antibacterial Activity against Pathogenic Bacteria. Asian Journal of Chemistry, 2018, 30, 2711-2715.	0.3	5

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109	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. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 838-844.	5.6	24
110	Degradation Dye Using Gold and Silver Nanoparticles Synthesized by Using Green Route and Its Characteristics. <i>Nanotechnology in the Life Sciences</i> , 2018, , 221-240.	0.6	3
111	Plant and Its Biomolecules on Synthesis of Silver Nanoparticles for the Antibacterial and Antifungal Activity. <i>Nanotechnology in the Life Sciences</i> , 2018, , 109-145.	0.6	3
112	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
113	Chromium remediation and toxicity assessment of nano zerovalent iron against contaminated lake water sample (Puliyanthangal Lake, Tamilnadu, India). <i>South African Journal of Chemical Engineering</i> , 2018, 25, 128-132.	2.4	12
114	Biosynthesis of zinc oxide nanoparticles using <i>Mangifera indica</i> leaves and evaluation of their antioxidant and cytotoxic properties in lung cancer (A549) cells. <i>Enzyme and Microbial Technology</i> , 2018, 117, 91-95.	3.2	183
115	Plant-Based Synthesis of Nanoparticles and Their Impact. , 2018, , 33-57.		8
116	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
117	Selenium nanoparticles: A potent chemotherapeutic agent and an elucidation of its mechanism. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 280-292.	5.0	184
118	ANTIDERMATOPHYTIC ACTIVITY OF GREEN SYNTHESISED ZINC OXIDE NANOPARTICLES USING <i>Cassia alata</i> LEAVES. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2018, 7, 348-352.	0.8	11
119	ANTIDIABETIC EFFECT OF SILVER NANOPARTICLES SYNTHESIZED USING LEMONGRASS (<i>CYMBOPOGON</i>) Tj ETQq1 1 0.784314 rgBT /Ox <i>Microbiology, Biotechnology and Food Sciences</i> , 2018, 7, 371-376.	0.8	37
120	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
121	Green Synthesis of Silver Nanoparticle using <i>Kalanchoe pinnata</i> leaf extract and its Antibacterial Effect against Gram-Positive and Gram-Negative Species. <i>Research Journal of Pharmacy and Technology</i> , 2018, 11, 3964.	0.8	1
122	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
123	A review on green synthesis of zinc oxide nanoparticles – An eco-friendly approach. <i>Resource-efficient Technologies</i> , 2017, 3, 406-413.	0.1	569
124	Detection of environmentally hazardous pesticide in fruit and vegetable samples using gold nanoparticles. <i>Food Control</i> , 2017, 80, 11-18.	5.5	42
125	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
126	Mechanism of plant-mediated synthesis of silver nanoparticles – A review on biomolecules involved, characterisation and antibacterial activity. <i>Chemico-Biological Interactions</i> , 2017, 273, 219-227.	4.0	292

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127	Phyto-assisted synthesis, characterization and applications of gold nanoparticles – A review. <i>Biochemistry and Biophysics Reports</i> , 2017, 11, 46-57.	1.3	143
128	Synthesis of zinc oxide nanoparticles using plant leaf extract against urinary tract infection pathogen. <i>Resource-efficient Technologies</i> , 2017, 3, 459-465.	0.1	258
129	<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
130	Evaluation of antibacterial, antioxidant and GC-MS analysis of ethanolic seed extract of <i>Myristica dactyloides</i> . <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 263, 022042.	0.6	0
131	Optimized Production of Silver Nanoparticles Using Marine Macroalgae <i>Sargassum myriocystum</i> for Its Antibacterial Activity. <i>Journal of Bionanoscience</i> , 2017, 11, 323-329.	0.4	8
132	Optimization of <i>Serratia nematodiphila</i> using Response surface methodology to silver nanoparticles synthesis for aquatic pathogen control. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 263, 022041.	0.6	3
133	Green Synthesis of Silver Nanoparticles using <i>Mirabilis jalapa</i> Aqueous Extract and their Antibacterial Activity against Respective Microorganisms. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 811.	0.8	11
134	Analysis of bioactive metabolites from <i>Azolla pinnata</i> against Dental caries. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1891.	0.8	2
135	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
136	Production, optimization, Characterization and Immobilization of Glucose oxidase from <i>Aspergillus</i> species. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1924.	0.8	1
137	Screening for antioxidant and Antimicrobial activity of Seed extracts of avocado pear. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1991.	0.8	2
138	Analysis of bioactive compounds from <i>Spirulina gessneri</i> and studying its Antibacterial activity against wound Infection causing pathogens. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1983.	0.8	1
139	Biosynthesis and characterization of silver nanoparticles by actinomycetes isolated from agriculture field and its application on antimicrobial activity. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1963.	0.8	3
140	Production of nattokinase from <i>Bacillus subtilis</i> -optimization and purification by liquid-liquid extraction. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1934.	0.8	0
141	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
142	Anticancer activity of eco-friendly gold nanoparticles against lung and liver cancer cells. <i>Journal of Genetic Engineering and Biotechnology</i> , 2016, 14, 195-202.	3.3	219
143	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
144	<i>In-Vivo</i> Wound Healing Efficiency of Curcumin Loaded on Chitosan Polyvinyl Propylene Nanofilm. <i>Advanced Science, Engineering and Medicine</i> , 2016, 8, 763-770.	0.3	2

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145	Plant Assisted Synthesis of Silver Nanoparticles Using <i>Boerhaavia diffusa</i> Leaves Extract and Evolution of Antibacterial Activity. <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 1064.	0.8	9
146	<i>In Vivo</i> Antidiabetic and <i>In Vitro</i> Antioxidant and Antimicrobial Activity of Aqueous Leaves Extract of <i>Chamaecostus cuspidatus</i> . <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 1204.	0.8	14
147	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
148	Evaluation of Antibacterial action and Hepatoprotective efficiency of <i>Solanum nigrum</i> leaves extract on acetaminophen induced hepatotoxicity. <i>Research Journal of Pharmacy and Technology</i> , 2015, 8, 893.	0.8	4
149	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
150	<i>Piper nigrum</i> Leaf and Stem Assisted Green Synthesis of Silver Nanoparticles and Evaluation of Its Antibacterial Activity Against Agricultural Plant Pathogens. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	166
151	Biosynthesis and Antimicrobial Activity of Semiconductor Nanoparticles against Oral Pathogens. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-10.	4.1	158
152	<i>In Vitro</i> Antibacterial Activity and Mechanism of Silver Nanoparticles against Foodborne Pathogens. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-10.	4.1	117
153	Degradation of Methylene Blue Using Biologically Synthesized Silver Nanoparticles. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-8.	4.1	206
154	Synthesis, characterization, thermal stability and antibacterial activity of coumarin based methacrylate copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1373-1380.	3.8	13
155	Optimization and stabilization of gold nanoparticles by using herbal plant extract with microwave heating. <i>Nano Convergence</i> , 2014, 1, 12.	12.1	94
156	Microbe-mediated synthesis of antimicrobial semiconductor nanoparticles by marine bacteria. <i>Journal of Nanostructure in Chemistry</i> , 2014, 4, 1.	9.1	62
157	Herbal Plant Synthesis of Antibacterial Silver Nanoparticles by <i>Solanum trilobatum</i> and Its Characterization. <i>International Journal of Metals</i> , 2014, 2014, 1-8.	0.3	30
158	Phytosynthesis of silver nanoparticles by <i>Cissus quadrangularis</i> : influence of physicochemical factors. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	144
159	Bactericidal activity of bio mediated silver nanoparticles synthesized by <i>Serratia nematodiphila</i> . <i>Drug Invention Today (discontinued)</i> , 2013, 5, 119-125.	0.6	57
160	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
161	Seaweed-mediated synthesis of gold nanoparticles using <i>Turbinaria conoides</i> and its characterization. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	155
162	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

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163	Biosynthesis of semiconductor nanoparticles by using sulfur reducing bacteria <i>Serratia nematodiphila</i> . <i>Advances in Nano Research</i> , 2013, 1, 83-91.	0.9	43
164	Biosynthesis of Silver Chloride Nanoparticles Using <i>Bacillus subtilis</i> MTCC 3053 and Assessment of Its Antifungal Activity. <i>ISRN Nanomaterials</i> , 2013, 2013, 1-8.	0.7	53
165	Cytotoxic Effect and Antimicrobial Activity of Chitosan Nanoparticles and Hafnium Metal Based Composite: Two Sides of the Same Coin- An In vitro Study. <i>Journal of Pharmaceutical Research International</i> , 0, , 122-131.	1.0	2
166	Free Radical Scavenging Activity of Copper Nanoparticles Synthesized from Dried Ginger. <i>Journal of Pharmaceutical Research International</i> , 0, , 1-7.	1.0	4
167	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
168	Cytotoxicity and Antimicrobial Activity of Chromium Picolinate Mediated Zinc Oxide Nanoparticle. <i>Journal of Pharmaceutical Research International</i> , 0, , 28-32.	1.0	3
169	Anti-Inflammatory Activity of Dried Ginger Mediated Iron Nanoparticles. <i>Journal of Pharmaceutical Research International</i> , 0, , 14-19.	1.0	6
170	Cytotoxic Effect of <i>Pterocarpus santalinus</i> and stevia-based Mouthwash - A Lab-based Analysis. <i>Journal of Pharmaceutical Research International</i> , 0, , 437-447.	1.0	2