

Muhammad Raza Shah

List of Publications by Year in descending order

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183
papers

3,642
citations

136950

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184
docs citations

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times ranked

4118
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#	ARTICLE	IF	CITATIONS
1	A Facile Approach Based on Functionalized Silver Nanoparticles as a Chemosensor for the Detection of Paraquat. <i>Journal of Cluster Science</i> , 2022, 33, 413-420.	3.3	17
2	Enhanced Antibacterial Potential of Naringin Loaded β -Cyclodextrin Nanoparticles. <i>Journal of Cluster Science</i> , 2022, 33, 339-348.	3.3	18
3	Investigation of a Single Tail Lysine Rich Peptide Amphiphile with an Ultra Short Peptide Head for its Nano Scale Self-assembly and Drug Loading Potential. <i>Journal of Cluster Science</i> , 2022, 33, 151-161.	3.3	0
4	Trace Level Colorimetric Hg ²⁺ Sensor Driven by Citrus japonica Leaf Extract Derived Silver Nanoparticles: Green Synthesis and Application. <i>Journal of Cluster Science</i> , 2022, 33, 1865-1875.	3.3	6
5	A hypoxia-responsive supramolecular formulation for imaging-guided photothermal therapy. <i>Theranostics</i> , 2022, 12, 396-409.	10.0	36
6	Ultra-trace level voltammetric sensor for MB in human plasma based on a carboxylic derivative of Calix[4]resorcinarene capped silver nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 107, 81-92.	5.8	10
7	Synthesis and Characterization of Functionalized Silver Nanoparticles for Selective Screening of Mercury (II) Ions. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 7135-7145.	3.0	4
8	Utilization of transition metal fluoride-based solid support catalysts for the synthesis of sulfonamides: carbonic anhydrase inhibitory activity and in silico study. <i>RSC Advances</i> , 2022, 12, 3165-3179.	3.6	2
9	Conjugation of Antimicrobial Peptide to Zinc Phthalocyanine for an Efficient Photodynamic Antimicrobial Chemotherapy. <i>Coatings</i> , 2022, 12, 200.	2.6	4
10	Enhancing efficacy of existing antibacterials against selected multiple drug resistant bacteria using cinnamic acid-coated magnetic iron oxide and mesoporous silica nanoparticles. <i>Pathogens and Global Health</i> , 2022, 116, 438-454.	2.3	7
11	Novel Plant-Based Metabolites as Disinfectants against <i>Acanthamoeba castellanii</i> . <i>Antibiotics</i> , 2022, 11, 248.	3.7	7
12	Acridine-2,4-Dinitrophenyl Hydrazone Conjugated Silver Nanoparticles as an Efficient Sensor for Quantification of Mercury in Tap Water. <i>Journal of Chemistry</i> , 2022, 2022, 1-12.	1.9	0
13	Antiamoebic Properties of Metabolites against <i>Naegleria fowleri</i> and <i>Balamuthia mandrillaris</i> . <i>Antibiotics</i> , 2022, 11, 539.	3.7	3
14	Hesperidin-, Curcumin-, and Amphotericin B- Based Nano-Formulations as Potential Antibacterials. <i>Antibiotics</i> , 2022, 11, 696.	3.7	8
15	Green synthesis of silver and gold nanoparticles using <i>Crataegus oxyacantha</i> extract and their urease inhibitory activities. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 992-1002.	3.1	11
16	Galactosylated iron oxide nanoparticles for enhancing oral bioavailability of ceftriaxone. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 291-301.	2.4	7
17	Cholate Conjugated Polymeric Amphiphiles as Efficient Artificial Ionophores. <i>ACS Applied Polymer Materials</i> , 2021, 3, 588-593.	4.4	9
18	Microscopy of polymers. , 2021, , 587-637.		0

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19	Synthesis and characterization of a plant growth regulator based silver nanoparticles for the ultrasensitive detection of environmentally toxic Hg ²⁺ ions in tap water. <i>New Journal of Chemistry</i> , 2021, 45, 18039-18047.	2.8	5
20	Morphological selectivity of the films of linear and star-shaped poly (ϵ -caprolactone). <i>Journal of Materials Science</i> , 2021, 56, 7334-7347.	3.7	2
21	Transcriptome analysis of <i>Escherichia coli</i> K1 after therapy with hesperidin conjugated with silver nanoparticles. <i>BMC Microbiology</i> , 2021, 21, 51.	3.3	13
22	Design and development of lipid modified chitosan containing muco-adhesive self-emulsifying drug delivery systems for cefixime oral delivery. <i>Chemistry and Physics of Lipids</i> , 2021, 235, 105052.	3.2	13
23	Colorimetric sensing of cephadrine through polypropylene glycol functionalized gold nanoparticles. <i>Royal Society Open Science</i> , 2021, 8, 210185.	2.4	12
24	Kinetics of pyrolysis of sugarcane bagasse: effect of catalyst on activation energy and yield of pyrolysis products. <i>Cellulose</i> , 2021, 28, 7593-7607.	4.9	23
25	Highly selective, sensitive and simpler colorimetric sensor for Fe ²⁺ detection based on biosynthesized gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119645.	3.9	12
26	Zinc oxide nanoparticles conjugated with clinically-approved medicines as potential antibacterial molecules. <i>AMB Express</i> , 2021, 11, 104.	3.0	45
27	Supramolecular Bioimaging through Signal Amplification by Combining Indicator Displacement Assay with Förster Resonance Energy Transfer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19614-19619.	13.8	33
28	Supramolecular Bioimaging through Signal Amplification by Combining Indicator Displacement Assay with Förster Resonance Energy Transfer. <i>Angewandte Chemie</i> , 2021, 133, 19766-19771.	2.0	3
29	Moxifloxacin and Sulfamethoxazole-Based Nanocarriers Exhibit Potent Antibacterial Activities. <i>Antibiotics</i> , 2021, 10, 964.	3.7	13
30	Synthesis of Emulsion by Using Vegetable Oil Modified by Titanium Dioxide (TiO ₂) Nanoparticles: A Peculiar Source for Synthesis of Bio-Based Lubricant and Novel Approach to Enhance the Efficiency of Emulsion. <i>European Journal of Lipid Science and Technology</i> , 2021, 123, 2000280.	1.5	2
31	Synthesis of pH responsive, photocrosslinked gelatin-based hydrogel system for control release of ceftriaxone. <i>Chemistry and Physics of Lipids</i> , 2021, 238, 105101.	3.2	17
32	Electrospun Nanofiber-Based Viroblock/ZnO/PAN Hybrid Antiviral Nanocomposite for Personal Protective Applications. <i>Nanomaterials</i> , 2021, 11, 2208.	4.1	25
33	Synthesis, characterization and drug delivery application of Dapsone based double tailed biocompatible nonionic surfactant. <i>Chemistry and Physics of Lipids</i> , 2021, 239, 105115.	3.2	3
34	Simple and cost-effective approach to synthesis of iron magnesium oxide nanoparticles using <i>Alstonia scholaris</i> and <i>Polyalthia longifolia</i> leaves extracts and their antimicrobial, antioxidant and larvicidal activities. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2479-2488.	3.1	8
35	Enhanced Antibacterial Potential of Amoxicillin against <i>Helicobacter pylori</i> Mediated by Lactobionic Acid Coated Zn-MOFs. <i>Antibiotics</i> , 2021, 10, 1071.	3.7	8
36	Synthesis of novel biocompatible resorcinarene based nanosized dendrimer-vesicles for enhanced anti-bacterial potential of quercetin. <i>Journal of Molecular Liquids</i> , 2021, 341, 116921.	4.9	15

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37	Supramolecular imaging of spermine in cancer cells. <i>Nanoscale</i> , 2021, 13, 15362-15368.	5.6	17
38	Sodium dodecylbenzenesulfonate-based silver nanoparticles and their potent application as antibiofilm, antimicrobial agent, and trace level determination of amlodipine. <i>Plasmonics</i> , 2021, 16, 379-393.	3.4	4
39	Synthesis and Photonics Applications of Afzelechin Conjugated Silver Nanoparticles. <i>Coatings</i> , 2021, 11, 1295.	2.6	3
40	Highly selective nanomolar level colorimetric sensing of Cr ³⁺ through biosynthesized gold nanoparticles in the presence of Cr ⁶⁺ . <i>Optik</i> , 2021, 248, 168188.	2.9	4
41	Highly Sensitive Voltammetric Determination of Acrylamide Based on Ibuprofen Capped Mercury Nanoparticles. <i>Sensors</i> , 2021, 21, 7302.	3.8	2
42	Synthesis of Ribose-Coated Copper-Based Metal-Organic Framework for Enhanced Antibacterial Potential of Chloramphenicol against Multi-Drug Resistant Bacteria. <i>Antibiotics</i> , 2021, 10, 1469.	3.7	5
43	Biological and phytochemical studies on <i>Capparis decidua</i> (Forssk) Edgew from Cholistan desert. <i>Natural Product Research</i> , 2020, 34, 2315-2318.	1.8	9
44	A method for determination of acetaldehyde in bottled waters and the effect of time and temperature on concentrations. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 55-64.	3.3	0
45	Synthesis of long-tail nonionic surfactants and their investigation for vesicle formation, drug entrapment, and biocompatibility. <i>Journal of Liposome Research</i> , 2020, 30, 255-262.	3.3	9
46	Nano-conjugates of Cefadroxil as Efficient Antibacterial Agent Against <i>Staphylococcus aureus</i> ATCC 11632. <i>Journal of Cluster Science</i> , 2020, 31, 811-821.	3.3	12
47	Thermo-catalytic decomposition of polystyrene waste: Comparative analysis using different kinetic models. <i>Waste Management and Research</i> , 2020, 38, 202-212.	3.9	53
48	Oleic Acid Coated Silver Nanoparticles Showed Better <i>in Vitro</i> Amoebicidal Effects against <i>Naegleria fowleri</i> than Amphotericin B. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2431-2437.	3.5	13
49	Anionic azo dyes removal from water using amine-functionalized cobalt-iron oxide nanoparticles: a comparative time-dependent study and structural optimization towards the removal mechanism. <i>RSC Advances</i> , 2020, 10, 1021-1041.	3.6	34
50	Synthesis and characterization of maltol capped silver nanoparticles and their potential application as an antimicrobial agent and colorimetric sensor for cysteine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 118002.	3.9	20
51	Amphiphilic p-sulfonatocalix[6]arene based self-assembled nanostructures for enhanced clarithromycin activity against resistant <i>Streptococcus Pneumoniae</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110676.	5.0	13
52	Synthesis of lactobionic acid based bola-amphiphiles and its application as nano-carrier for curcumin delivery to cancer cell cultures <i>in-vitro</i> . <i>International Journal of Pharmaceutics</i> , 2020, 590, 119897.	5.2	16
53	Synthesis and characterization of poly (N-vinylcarbazole)-acrylamidoethylmethylpropane sulfonic acid functionalized graphene oxide embedded electrolyte membrane using DOE for PEMFC. <i>International Journal of Energy Research</i> , 2020, 44, 10354-10377.	4.5	3
54	Synthesis of vildagliptin conjugated metal nanoparticles for type II diabetes control: targeting the DPP-IV enzyme. <i>New Journal of Chemistry</i> , 2020, 44, 20853-20860.	2.8	6

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55	Enhancement in the antibacterial activity of cephalexin by its delivery through star-shaped poly(β -caprolactone)-block-poly(ethylene oxide) coated silver nanoparticles. Royal Society Open Science, 2020, 7, 201097.	2.4	1
56	Application of synthesized copper nanoparticles using aqueous extract of Ziziphus mauritiana L. leaves as a colorimetric sensor for the detection of Ag ⁺ . Turkish Journal of Chemistry, 2020, 44, 1376-1385.	1.2	9
57	Enhanced Anti-Bacterial Activity of Non-Antibacterial Drug Candesartan Cilexetil by Delivery through Polymeric Micelles. ChemistrySelect, 2020, 5, 3605-3612.	1.5	3
58	Synthesis and Characterization of Sulfanilamide-Based Nonionic Surfactants and Evaluation of Their Nano-Vesicular Drug Loading Application. Journal of Surfactants and Detergents, 2020, 23, 973-980.	2.1	4
59	Enhancement in Oral Absorption of Ceftriaxone by Highly Functionalized Magnetic Iron Oxide Nanoparticles. Pharmaceutics, 2020, 12, 492.	4.5	14
60	Isoniazid Conjugated Magnetic Nanoparticles Loaded with Amphotericin B as a Potent Antiamoebic Agent against Acanthamoeba castellanii. Antibiotics, 2020, 9, 276.	3.7	10
61	Synthesis of biocompatible triazole based non-ionic surfactant and its vesicular drug delivery investigation. Chemistry and Physics of Lipids, 2020, 228, 104894.	3.2	19
62	Bactericidal potentials of silver and gold nanoparticles stabilized with cefixime: a strategy against antibiotic-resistant bacteria. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	21
63	Synthesis and biocompatibility of self-assembling multi-tailed resorcinarene-based supramolecular amphiphile. Colloid and Polymer Science, 2020, 298, 331-339.	2.1	2
64	Synthesis and characterization of pyridine-based organic salts: Their antibacterial, antibiofilm and wound healing activities. Bioorganic Chemistry, 2020, 100, 103937.	4.1	7
65	Metronidazole conjugated magnetic nanoparticles loaded with amphotericin B exhibited potent effects against pathogenic Acanthamoeba castellanii belonging to the T4 genotype. AMB Express, 2020, 10, 127.	3.0	15
66	Antiamoebic activity of plant-based natural products and their conjugated silver nanoparticles against Acanthamoeba castellanii (ATCC 50492). AMB Express, 2020, 10, 24.	3.0	34
67	Green synthesis of silver nanoparticles from Valeriana jatamansi shoots extract and its antimicrobial activity. Green Processing and Synthesis, 2020, 9, 715-721.	3.4	5
68	Attenuation of cisplatin-induced acute kidney injury by N-(2-Hydroxyphenyl) acetamide and its gold conjugated nano-formulations in mice. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 787-793.	0.2	0
69	Rutin coated gold nanoparticles prevent rhabdomyolysis-induced kidney injury via down-regulation of NF- κ B, iNOS, IL-6 and up-regulation of HO-1 and Kim-1 genes in mice. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 1823-1832.	0.2	0
70	Eugenol and liposome-based nanocarriers loaded with eugenol protect against anxiolytic disorder via down regulation of neurokinin-1 receptors in mice. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 2275-2284.	0.2	1
71	Green synthesis of hesperidin coated silver nanoparticles for colorimetric detection of gentamicin sulfate in real samples. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 2667-2677.	0.2	0
72	Pyrazinium thioacetate capped gold nanoparticles as Fe(III) sensor and Fe(III) marked anti-proliferating agent in human neuroblastoma cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 135-140.	3.9	2

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73	N-(2-hydroxyphenyl)acetamide and its gold nanoparticle conjugation prevent glycerol-induced acute kidney injury by attenuating inflammation and oxidative injury in mice. <i>Molecular and Cellular Biochemistry</i> , 2019, 450, 43-52.	3.1	15
74	Metal nanoparticles fabricated by green chemistry using natural extracts: biosynthesis, mechanisms, and applications. <i>RSC Advances</i> , 2019, 9, 24539-24559.	3.6	247
75	The selectivity of poly(2-vinylpyridine- <i>co</i> -methyl methacrylate) copolymer films: an AFM study. <i>RSC Advances</i> , 2019, 9, 16455-16466.	3.6	4
76	Pyrolysis of polypropylene over zeolite mordenite ammonium: kinetics and products distribution. <i>Journal of Polymer Engineering</i> , 2019, 39, 785-793.	1.4	16
77	Synthesis of chitosan coated metal organic frameworks (MOFs) for increasing vancomycin bactericidal potentials against resistant <i>S. aureus</i> strain. <i>Materials Science and Engineering C</i> , 2019, 105, 110111.	7.3	61
78	Calix[4]arene Derivative-Modified Glassy Carbon Electrode: A New Sensing Platform for Rapid, Simultaneous, and Picomolar Detection of Zn(II), Pb(II), As(III), and Hg(II). <i>ACS Omega</i> , 2019, 4, 16860-16866.	3.5	16
79	Convenient pH-responsive removal of Acid Black 1 by green <i>l</i> -histidine/iron oxide magnetic nanoadsorbent from water: performance and mechanistic studies. <i>RSC Advances</i> , 2019, 9, 2978-2996.	3.6	14
80	Design and development of permeation enhancer containing self-nanoemulsifying drug delivery system (SNEDDS) for ceftriaxone sodium improved oral pharmacokinetics. <i>Journal of Molecular Liquids</i> , 2019, 289, 111098.	4.9	48
81	Oleic acid-conjugated silver nanoparticles as efficient antiamebic agent against <i>Acanthamoeba castellanii</i> . <i>Parasitology Research</i> , 2019, 118, 2295-2304.	1.6	23
82	Synthesis of Biocompatible Double-Tailed Nonionic Surfactants and Their Investigation for Niosomal Drug-Loading Applications. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 771-778.	2.1	1
83	Synthesis, Characterization, and Computational Study of New Ferrocene-Based Schiff Bases as Potential Nonionic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 897-906.	2.1	7
84	Enhanced therapeutic efficacy of clotrimazole by delivery through poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (oxide) 47769.	2.6	16
85	Antimicrobial activities of green synthesized gums-stabilized nanoparticles loaded with flavonoids. <i>Scientific Reports</i> , 2019, 9, 3122.	3.3	96
86	<i>trans</i> -Cinnamic Acid Conjugated Gold Nanoparticles as Potent Therapeutics against Brain-Eating Amoeba <i>Naegleria fowleri</i> . <i>ACS Chemical Neuroscience</i> , 2019, 10, 2692-2696.	3.5	28
87	Opuntioside, opuntiol and its metallic nanoparticles attenuate adjuvant-induced arthritis: Novel suppressors of Toll-like receptors -2 and -4. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108624.	5.6	20
88	Biogenic Silver Nanoparticles for Trace Colorimetric Sensing of Enzyme Disrupter Fungicide Vinclozolin. <i>Nanomaterials</i> , 2019, 9, 1604.	4.1	21
89	Pyrolysis of Expanded Waste Polystyrene: Influence of Nickel-Doped Copper Oxide on Kinetics, Thermodynamics, and Product Distribution. <i>Energy & Fuels</i> , 2019, 33, 12666-12678.	5.1	45
90	Design and synthesis of mixed micellar system for enhanced anticancer efficacy of Paclitaxel through its co-delivery with Naringin. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 703-714.	2.0	29

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91	Combination Therapy of Clinically Approved Antifungal Drugs Is Enhanced by Conjugation with Silver Nanoparticles. <i>International Microbiology</i> , 2019, 22, 239-246.	2.4	24
92	Green synthesis of methyl gallate conjugated silver nanoparticles: a colorimetric probe for gentamicin. <i>New Journal of Chemistry</i> , 2019, 43, 1972-1979.	2.8	26
93	Ranolazine-Functionalized Copper Nanoparticles as a Colorimetric Sensor for Trace Level Detection of As ³⁺ . <i>Nanomaterials</i> , 2019, 9, 83.	4.1	21
94	Clinically Approved Drugs against CNS Diseases as Potential Therapeutic Agents To Target Brain-Eating Amoebae. <i>ACS Chemical Neuroscience</i> , 2019, 10, 658-666.	3.5	32
95	Synthesis of Nitrogen Containing Biocompatible Non-ionic Surfactants and Investigation for Their Self-Assembly Based Nano-Scale Vesicles. <i>Tenside, Surfactants, Detergents</i> , 2019, 56, 35-42.	1.2	2
96	Gold Nanoparticles Conjugation Enhances Antiacanthamoebic Properties of Nystatin, Fluconazole and Amphotericin B. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 171-177.	2.1	30
97	Antidiabetic Drugs and Their Nanoconjugates Repurposed as Novel Antimicrobial Agents against <i>Acanthamoeba castellanii</i> . <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 713-720.	2.1	16
98	Bioinspired synthesis and characterization of gold nano-particles from medicinally important <i>Periploca hydaspidis</i> and their in vitro antioxidant and antimicrobial activity. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1069-1080.	0.2	1
99	GC-MS analysis of bioactive compounds present in medicinally important <i>Periploca hydaspidis</i> . <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1615-1619.	0.2	0
100	Rutin and rutin-conjugated gold nanoparticles ameliorate collagen-induced arthritis in rats through inhibition of NF- κ B and iNOS activation. <i>International Immunopharmacology</i> , 2018, 59, 310-317.	3.8	80
101	Fabrication of lecithin-gum tragacanth muco-adhesive hybrid nano-carrier system for in-vivo performance of Amphotericin B. <i>Carbohydrate Polymers</i> , 2018, 194, 89-96.	10.2	39
102	Gum acacia stabilized silver nanoparticles based nano-cargo for enhanced anti-arthritis potentials of hesperidin in adjuvant induced arthritic rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 597-607.	2.8	50
103	Silver nanoparticle conjugation affects antiacanthamoebic activities of amphotericin B, nystatin, and fluconazole. <i>Parasitology Research</i> , 2018, 117, 265-271.	1.6	54
104	Synthesis and characterisation of calix[4]arene based bis(triazole)-bis(hexahydroquinoline): Probing highly selective fluorescence quenching towards mercury (Hg ²⁺) analyte. <i>Journal of Hazardous Materials</i> , 2018, 347, 349-358.	12.4	38
105	Polystyrene-block-poly(2-vinylpyridine)-conjugated silver nanoparticles as colorimetric sensor for quantitative determination of Cartap in aqueous media and blood plasma. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 878-887.	7.8	35
106	Isolation of <i>Bacillus cereus</i> from botanical soil and subsequent biodegradation of waste engine oil. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1453-1466.	3.5	4
107	Hydrophilically modified self-assembling α -tocopherol derivative as niosomal nanocarrier for improving clarithromycin oral bioavailability. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 568-578.	2.8	13
108	Revelation of susceptibility differences due to Hg(II) accumulation in <i>Streptococcus pyogenes</i> against CX-AgNPs and Cefixime by atomic force microscopy. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 9-16.	6.0	4

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109	Synthesis and characterization of triazole based supramolecule for interaction with cefuroxime in tap water and blood plasma. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 49-54.	6.0	7
110	Enhanced electrochemical response of a modified glassy carbon electrode by poly(2-vinylpyridine- <i>b</i> -methyl methacrylate) conjugated gold nanoparticles for detection of nicotine. <i>RSC Advances</i> , 2018, 8, 35776-35786.	3.6	18
111	Silver Nanoparticle Conjugation-Enhanced Antibacterial Efficacy of Clinically Approved Drugs Cephadrine and Vildagliptin. <i>Antibiotics</i> , 2018, 7, 100.	3.7	47
112	Preliminary investigation of novel tetra-tailed macrocycle amphiphile based nano-vesicles for amphotericin B improved oral pharmacokinetics. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1204-1214.	2.8	8
113	Fabrication of Xanthan stabilized green gold nanoparticles based tolbutamide delivery system for enhanced insulin secretion in mice pancreatic islets. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 729-735.	2.2	7
114	Impact of Cu(II)-doping on the vulnerability of <i>Escherichia coli</i> ATCC 10536 revealed by Atomic Force Microscopy. <i>Micron</i> , 2018, 110, 73-78.	2.2	1
115	Gold Nanoparticle-Conjugated Cinnamic Acid Exhibits Anticancer and Antibacterial Properties. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	47
116	Cytotoxic effects of Benzodioxane, Naphthalene diimide, Porphyrin and Acetamol derivatives on HeLa cells. <i>SAGE Open Medicine</i> , 2018, 6, 205031211878196.	1.8	29
117	Hemolytic and cellular toxicology of a sulfanilamide-based nonionic surfactant: a niosomal carrier for hydrophobic drugs. <i>Toxicology Research</i> , 2018, 7, 771-778.	2.1	18
118	Synthesis of 4-(dimethylamino)pyridine propylthioacetate coated gold nanoparticles and their antibacterial and photophysical activity. <i>Journal of Nanobiotechnology</i> , 2018, 16, 6.	9.1	24
119	Evaluation of In-vitro Antimicrobial Potential of <i>Daphne retusa</i> Hemsl. Against Human Pathogenic Bacteria and Fungi. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 779-786.	2.1	2
120	Green synthesis and characterization of silver nano-particles from pharmaceutically important <i>Periploca hydaspidis</i> and their biological activity. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 1267-1277.	0.2	0
121	GC-MS profile of bioactive compounds from medicinally important <i>Periploca hydaspidis</i> . <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 1967-1973.	0.2	0
122	Creatinine-based non-phospholipid vesicular carrier for improved oral bioavailability of Azithromycin. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1011-1022.	2.0	19
123	Nanocatalyzed biodiesel synthesis from the oily contents of Marine brown alga <i>Dictyota dichotoma</i> . <i>International Journal of Green Energy</i> , 2017, 14, 925-933.	3.8	3
124	Gum tragacanth stabilized green gold nanoparticles as cargos for Naringin loading: A morphological investigation through AFM. <i>Carbohydrate Polymers</i> , 2017, 174, 243-252.	10.2	72
125	Novel fluorene-based supramolecular sensor for selective detection of amoxicillin in water and blood. <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 25-29.	6.0	17
126	Protein-drug nanoconjugates: Finding the alternative proteins as drug carrier. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 131-145.	7.5	15

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127	Synthesis of Sulfur-Based Biocompatible Nonionic Surfactants and Their Nano-Vesicle Drug Delivery. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 1367-1375.	2.1	17
128	Sonochemically synthesized green sorbent for the simultaneous removal of trace metal ions: application and estimation of measurement uncertainty through bottom-up approach. <i>New Journal of Chemistry</i> , 2017, 41, 11695-11700.	2.8	4
129	Evaluation of morphology, aggregation pattern and size-dependent drug-loading efficiency of gold nanoparticles stabilised with poly (2-vinyl pyridine). <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	18
130	Identification and characterization of antibacterial compound(s) of cockroaches (<i>Periplaneta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	3.6	60
131	Double-tailed acyl glycoside niosomal nanocarrier for enhanced oral bioavailability of Cefixime. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1440-1451.	2.8	28
132	2,3-Pyridine dicarboxylic acid functionalized gold nanoparticles: Insight into experimental conditions for Cr ³⁺ sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 241-250.	3.9	7
133	Size selectivity in antibiofilm activity of 3-(diphenylphosphino)propanoic acid coated gold nanomaterials against Gram-positive <i>Staphylococcus aureus</i> and <i>Streptococcus mutans</i> . <i>AMB Express</i> , 2017, 7, 210.	3.0	18
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