

Hollow mesoporous silica nanoparticles for intracellular

Chemistry Central Journal

5, 1

DOI: [10.1186/1752-153x-5-1](https://doi.org/10.1186/1752-153x-5-1)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis of nanorattles with layered double hydroxide core and mesoporous silica shell as delivery vehicles. <i>Journal of Materials Chemistry</i> , 2011, 21, 10641.	6.7	56
2	Microwave-assisted synthesis, pharmacological evaluation, and QSAR studies of 1,3-diaryl-2-propen-1-ones. <i>Medicinal Chemistry Research</i> , 2012, 21, 4311-4323.	1.1	3
3	Immunization of mice by Hollow Mesoporous Silica Nanoparticles as carriers of Porcine Circovirus Type 2 ORF2 Protein. <i>Virology Journal</i> , 2012, 9, 108.	1.4	74
4	Cytosolic delivery of proteins mediated by aldehyde-displaying silica nanoparticles with pH-responsive characteristics. <i>Journal of Materials Chemistry</i> , 2012, 22, 17121.	6.7	17
5	Design and Synthesis of Multifunctional Drug Carriers Based on Luminescent Rattle-Type Mesoporous Silica Microspheres with a Thermosensitive Hydrogel as a Controlled Switch. <i>Advanced Functional Materials</i> , 2012, 22, 1470-1481.	7.8	148
6	First X-ray diffraction and quantum chemical study of proton-acceptor and proton-donor forms of 5-carboxycytosine, the last-discovered nucleobase. <i>Journal of Molecular Structure</i> , 2013, 1050, 140-150.	1.8	6
7	Synthesis, antibacterial and antioxidant activities of new 1-alkyl-4-(1-alkyl-4-oxo-1,4-dihydroquinolin-2-yl)pyridinium bromides. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 348-355.	2.6	33
8	Porous silica nanoparticles with mesoscopic void spaces for the domino intermolecular aerobic oxidative synthesis of novel 1,2-diketoenamines. <i>Catalysis Science and Technology</i> , 2013, 3, 1267.	2.1	7
9	The effect of pulping concentration treatment on the properties of microcrystalline cellulose powder obtained from waste paper. <i>Carbohydrate Polymers</i> , 2013, 98, 721-725.	5.1	24
10	Flow Injection/Sequential Injection Chromatography: A Review of Recent Developments in Low Pressure with High Performance Chemical Separation. <i>Analytical Letters</i> , 2013, 46, 1640-1671.	1.0	26
11	Covalently anchored organic carboxylic acid on porous silica nano particle: A novel organometallic catalyst (PSNP-CA) for the chromatography-free highly product selective synthesis of tetrasubstituted imidazoles. <i>Applied Catalysis A: General</i> , 2013, 458, 183-195.	2.2	29
12	Isolation and characterization of bacteria from mercury contaminated sites in Rio Grande do Sul, Brazil, and assessment of methylmercury removal capability of a <i>Pseudomonas putida</i> V1 strain. <i>Biodegradation</i> , 2013, 24, 319-331.	1.5	38
13	Mesoporous silica nanoparticles as antigen carriers and adjuvants for vaccine delivery. <i>Nanoscale</i> , 2013, 5, 5167.	2.8	206
14	Simultaneous Square-Wave Voltammetric Determination of Paracetamol, Caffeine and Orphenadrine in Pharmaceutical Formulations Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2013, 25, 1734-1741.	1.5	59
15	Ion-Imprinted Polymers Based on Hollow Silica with Yeasts as Sacrificial Supports for Sr ²⁺ Selective Adsorption. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 1325-1334.	1.9	11
16	Obtaining of Sol-Gel Ketorolac-Silica Nanoparticles: Characterization and Drug Release Kinetics. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-9.	1.5	10
17	(E)-N ² -(4-Methoxybenzylidene)pyridine-3-carbohydrazide dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1177-o1178.	0.2	4
18	Role of surface modification in zinc oxide nanoparticles and its toxicity assessment toward human dermal fibroblast cells. <i>International Journal of Nanomedicine</i> , 2014, 9, 3707.	3.3	32

#	ARTICLE	IF	CITATIONS
19	Evaluation of the Nutritional and Storage Quality of Meatballs Formulated with Bee Pollen. <i>Korean Journal for Food Science of Animal Resources</i> , 2014, 34, 423-433.	1.5	20
20	Preparation and Characterization of Kynurenic Acid Occluded in Sol-Gel Silica and SBA-15 Silica as Release Reservoirs. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-8.	1.5	6
21	An application of eosin Y for the selective spectrophotometric and spectrofluorimetric determination of mebeverine hydrochloride. <i>Analytical Methods</i> , 2014, 6, 2270-2275.	1.3	38
22	Bleomycin sulphate loaded nanostructured lipid particles augment oral bioavailability, cytotoxicity and apoptosis in cervical cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 118, 101-110.	2.5	21
23	Delivery of Chemically Glycosylated Cytochrome c Immobilized in Mesoporous Silica Nanoparticles Induces Apoptosis in HeLa Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 102-111.	2.3	84
24	2D NMR, FT-IR, ESI MS studies and DFT, PM5 semiempirical calculations of new benzoic semduramicin anhydride and their complexes with selected monovalent cations. <i>Journal of Molecular Structure</i> , 2014, 1060, 11-16.	1.8	2
25	Preparation of end-capped pH-sensitive mesoporous silica nanocarriers for on-demand drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 1012-1025.	2.0	61
26	Silica vesicles as nanocarriers and adjuvants for generating both antibody and T-cell mediated immune responses to Bovine Viral Diarrhoea Virus E2 protein. <i>Biomaterials</i> , 2014, 35, 9972-9983.	5.7	37
27	Potential anti-tubercular and in vitro anti-inflammatory agents: 9-substituted 1,8-dioxo-octahydroxanthenes through cascade/domino reaction by citric fruit juices. <i>Medicinal Chemistry Research</i> , 2014, 23, 4749-4760.	1.1	17
28	Regioselective synthesis of 3,4,6,7-tetrahydro-3,3-dimethyl-9-phenyl-2H-xanthene-1,8(5H,9H)-diones through ascorbic acid catalyzed three-component domino reaction. <i>Tetrahedron Letters</i> , 2014, 55, 5656-5659.	0.7	6
29	The preparation of BiOCl photocatalyst and its performance of photodegradation on dyes. <i>Materials Science in Semiconductor Processing</i> , 2014, 17, 87-93.	1.9	86
30	Bio-composites of cassava starch-green coconut fiber: Part II Structure and properties. <i>Carbohydrate Polymers</i> , 2014, 102, 576-583.	5.1	152
31	Microwave-Assisted Selective Synthesis of Mono- and Bistriazines with π -Conjugated Spacers and Study of the Optoelectronic Properties. <i>Journal of Organic Chemistry</i> , 2014, 79, 4909-4919.	1.7	12
32	2-Methyl-4-oxo-N-(4-oxo-2-phenyl) 1,3-thiazolidin-3-yl)-3,4-dihydroquinolin-2(1H)-one (substituted-1,3-thiazolidin-3-yl)-3,4-dihydroquinolin-2(1H)-one Whiteners: Synthesis and Photophysical Characterization. <i>Journal of Fluorescence</i> , 2014, 24, 1077-1086.	1.3	16
33	Prioritization of Natural Extracts by LC-MS-PCA for the Identification of New Photosensitizers for Photodynamic Therapy. <i>Analytical Chemistry</i> , 2014, 86, 1324-1331.	3.2	18
34	Photodynamic effect of photosensitizer-loaded hollow silica nanoparticles for hepatobiliary malignancies: an in vitro and in vivo study. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
35	Mercury and methylmercury distribution in tissues of sculpins from the Bering Sea. <i>Polar Biology</i> , 2015, 38, 1535-1543.	0.5	29
36	Facile fabrication of porous hollow upconversion capsules using hydrothermal treatment. <i>Materials Chemistry and Physics</i> , 2015, 167, 49-55.	2.0	4

#	ARTICLE	IF	CITATIONS
37	Inhalable nanostructured lipid particles of 9-bromo-noscapine, a tubulin-binding cytotoxic agent: In vitro and in vivo studies. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 219-230.	5.0	61
38	Fluorescent ZnO for imaging and induction of DNA fragmentation and ROS-mediated apoptosis in cancer cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1968-1978.	2.9	45
39	Phosphorus forms and response to changes in pH in acid-sensitive soils on the Precambrian Shield. <i>Canadian Journal of Soil Science</i> , 2015, 95, 95-108.	0.5	13
40	Chemometric Analysis of Bee Pollen Based on Volatile and Phenolic Compound Compositions and Antioxidant Properties. <i>Food Analytical Methods</i> , 2015, 8, 1150-1163.	1.3	58
41	Mechanism for formation of Hollow and Granular Silica Aerogel Microspheres from rice husk ash for drug delivery. <i>Journal of Non-Crystalline Solids</i> , 2015, 429, 226-231.	1.5	34
42	Changes in the flavan-3-ols, anthocyanins, and flavanols composition of cocoa beans of different <i>Theobroma cacao</i> L. groups affected by roasting conditions. <i>European Food Research and Technology</i> , 2015, 241, 663-681.	1.6	39
43	Genetic relationships of Iranian <i>Hypericum perforatum</i> L. wild populations as evaluated by ISSR markers. <i>Plant Systematics and Evolution</i> , 2015, 301, 657-665.	0.3	11
44	Synthesis and characterization of biofilms using native and modified pinhão starch. <i>Food Hydrocolloids</i> , 2015, 45, 203-210.	5.6	68
45	Improved cisplatin delivery in cervical cancer cells by utilizing folate-grafted non-aggregated gelatin nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2015, 69, 1-10.	2.5	69
46	Low molecular weight poly (2-dimethylamino ethylmethacrylate) polymers with controlled positioned fluorescent labeling: Synthesis, characterization and in vitro interaction with human endothelial cells. <i>International Journal of Pharmaceutics</i> , 2015, 478, 278-287.	2.6	5
47	Synthesis and biological activity of novel amidrazones incorporating 5-nitroimidazole, ciprofloxacin, and 7-chloro-4-piperazinylquinoline. <i>Medicinal Chemistry Research</i> , 2015, 24, 2247-2256.	1.1	12
48	Effect of fiber fractions of prickly pear cactus (nopal) on quality and sensory properties of wheat bread rolls. <i>Journal of Food Science and Technology</i> , 2015, 52, 2990-2997.	1.4	16
49	Effects of seasonal variations and collection methods on the mineral composition of propolis from <i>Apis mellifera</i> Linnaeus Beehives. <i>Brazilian Journal of Biology</i> , 2016, 76, 396-401.	0.4	19
50	REVIEW ON THE POTENTIAL USE OF WASTE COOKING PALM OIL IN THE PRODUCTION OF HIGH OLEIC PALM OIL VIA ENZYMATIC ACIDOLYSIS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	5
51	Preparation and characterization of Zn(II) ion-imprinted polymer based on salicylic acrylate for recovery of Zn(II) ions. <i>Polimeros</i> , 2016, 26, 242-248.	0.2	8
52	Kinetic study of microwave-assisted alkaline hydrolysis of <i>Jatropha curcas</i> oil. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
53	Tetanus toxoid-loaded cationic non-aggregated nanostructured lipid particles triggered strong humoral and cellular immune responses. <i>Journal of Microencapsulation</i> , 2016, 33, 263-273.	1.2	14
54	Application of wounding stress to produce a nutraceutical-rich carrot powder ingredient and its incorporation to nixtamalized corn flour tortillas. <i>Journal of Functional Foods</i> , 2016, 27, 655-666.	1.6	32

#	ARTICLE	IF	CITATIONS
55	Mercaptobenzothiazole-functionalized magnetic carbon nanospheres of type Fe ₃ O ₄ @SiO ₂ @C for the preconcentration of nickel, copper and lead prior to their determination by ICP-MS. <i>Mikrochimica Acta</i> , 2016, 183, 2377-2384.	2.5	41
56	Enzyme-Degradable Hybrid Polymer/Silica Microbubbles as Ultrasound Contrast Agents. <i>Langmuir</i> , 2016, 32, 6534-6543.	1.6	23
57	Injectable magnesium-doped brushite cement for controlled drug release application. <i>Journal of Materials Science</i> , 2016, 51, 7427-7439.	1.7	38
58	Electronic transport properties and CO adsorption characteristics on TiO ₂ molecular device – A first-principles study. <i>Microelectronic Engineering</i> , 2016, 162, 51-56.	1.1	13
59	Synthesis and cytotoxic activity of novel 11-methyl-6H-pyrido[4,3-b]carbazole derivatives linked to amine, N-methylurea, and N-methyl-N-nitrosourea moieties with various types of carbamoyl tethers at the C-5 atom. <i>Tetrahedron</i> , 2016, 72, 4258-4272.	1.0	3
60	Simultaneous determination of metoclopramide and aspirin by spectrofluorimetric technique: application to pharmaceutical formulations and human plasma. <i>Analytical Methods</i> , 2016, 8, 1281-1292.	1.3	19
61	Synthesis of chitosan/PEO/silica nanofiber coating for controlled release of cefepime from implants. <i>RSC Advances</i> , 2016, 6, 24418-24429.	1.7	13
62	Effect of processing conditions on characteristics of dehydrated bee-pollen and correlation between quality parameters. <i>LWT - Food Science and Technology</i> , 2016, 65, 808-815.	2.5	60
63	High-yield hydrothermal synthesis of mesoporous silica hollow capsules. <i>Microporous and Mesoporous Materials</i> , 2016, 219, 230-239.	2.2	11
64	Spectrophotometric method for pregabalin determination: An experimental design approach for method development. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016, 21, 31-37.	1.0	7
65	Correlation between Antimicrobial, Antioxidant Activity, and Polyphenols of Alkalized/Nonalkalized Cocoa Powders. <i>Journal of Food Science</i> , 2017, 82, 1020-1027.	1.5	67
66	Indocyanine green-loaded hollow mesoporous silica nanoparticles as an activatable theranostic agent. <i>Nanotechnology</i> , 2017, 28, 185102.	1.3	38
67	Nanotechnology and nanocarrier-based approaches on treatment of degenerative diseases. <i>International Nano Letters</i> , 2017, 7, 91-122.	2.3	122
68	Polypyrrole Chitosan Cobalt Ferrite Nanoparticles Composite Layer for Measuring the Low Concentration of Fluorene Using Surface Plasmon Resonance. <i>Chinese Physics Letters</i> , 2017, 34, 057501.	1.3	3
69	A colorimetric and fluorescent chemosensor for selective detection of Cu ²⁺ based on a new diarylethene with a benzophenone hydrazone unit. <i>Luminescence</i> , 2017, 32, 1473-1481.	1.5	12
70	Synthesis of hollow mesoporous silica (HMS) nanoparticles as a candidate for sulfasalazine drug loading. <i>Ceramics International</i> , 2017, 43, 11225-11232.	2.3	24
71	Cinnamon and ginger essential oils to improve antifungal, physical and mechanical properties of chitosan-carboxymethyl cellulose films. <i>Food Hydrocolloids</i> , 2017, 70, 36-45.	5.6	234
72	Highly selective allylic oxidation of cyclohexene over molybdenum-doped manganese oxide catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 120, 567-578.	0.8	3

#	ARTICLE	IF	CITATIONS
73	Synthesis of organic motif tailored hybrid nanoframes: Exploiting in vitro bioactivity and heavy metal ion extraction applications. <i>Materials Chemistry and Physics</i> , 2017, 188, 8-17.	2.0	1
75	Encapsulation of nor- β -lapachone into poly(D,L-lactide-co-glycolide (PLGA) microcapsules: full characterization, computational details and cytotoxic activity against human cancer cell lines. <i>MedChemComm</i> , 2017, 8, 1993-2002.	3.5	6
77	An Efficient Catalyst for Light Olefins Production from CO Hydrogenation: Synergistic Effect of Zn and Ce Promoters on Performance of Co-Mn/SiO ₂ Catalyst. <i>Catalysis Letters</i> , 2017, 147, 2475-2486.	1.4	9
78	Preparation and characterization of chicken skin gelatin/CMC composite film as compared to bovine gelatin film. <i>Food Bioscience</i> , 2017, 19, 149-155.	2.0	76
79	Development of non-water soluble, ductile mung bean starch based edible film with oxygen barrier and heat sealability. <i>Carbohydrate Polymers</i> , 2017, 157, 748-756.	5.1	66
80	Ionic conductivity and conduction mechanism studies on cellulose based solid polymer electrolytes doped with ammonium carbonate. <i>Polymer Bulletin</i> , 2017, 74, 1371-1386.	1.7	30
81	Mesoporous materials and technologies for development of oral medicine. , 2017, , 699-749.		4
82	Mesoporous silica nanoparticles functionalized with hyaluronic acid. Effect of the biopolymer chain length on cell internalization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 50-59.	2.5	47
83	Fe ₃ O ₄ @Propylsilane@Histidine[HSO ₄ ⁻] magnetic nanocatalysts: Synthesis, characterization and catalytic application for highly efficient synthesis of xanthene derivatives. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4242.	1.7	29
84	A prominent anchoring effect on the kinetic control of drug release from mesoporous silica nanoparticles (MSNs). <i>Journal of Colloid and Interface Science</i> , 2018, 510, 345-356.	5.0	43
85	Environmental Photocatalysis/Photocatalytic Decontamination. , 2018, , 1-16.		1
86	Two hydrazones derived from 1-aryl-3-(<i>p</i> -substituted phenyl)prop-2-en-1-one: synthesis, crystal structure, Hirshfeld surface analysis and <i>in vitro</i> biological properties. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 703-714.	0.2	6
87	Targeted and controlled drug delivery by multifunctional mesoporous silica nanoparticles with internal fluorescent conjugates and external polydopamine and graphene oxide layers. <i>Acta Biomaterialia</i> , 2018, 74, 397-413.	4.1	100
88	A comparison of the antioxidant activities and biomonitoring of heavy metals by pollen in the urban environments. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 462.	1.3	22
89	Gold Nanoparticles: A Powerful Tool to Visualize Proteins on Ordered Mesoporous Silica and for the Realization of Theranostic Nanobioconjugates. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1991.	1.8	7
90	In vitro bioactivity and cytotoxicity of films based on mesocarp of <i>Orbignya</i> sp. and carboxymethylcellulose as a tannic acid release matrix. <i>Carbohydrate Polymers</i> , 2018, 201, 113-121.	5.1	13
91	<i>N</i> -Ethyl Carbazole Derived D π A π C π A π C π D Based Fluorophores: Consolidated Spectroscopic, Viscosity and DFT Studies. <i>ChemistrySelect</i> , 2019, 4, 11966-11978.	0.7	3
92	Adsorption interaction between cement hydrates minerals with fluid loss additive investigated by fluorescence technique. <i>Construction and Building Materials</i> , 2019, 223, 1106-1111.	3.2	7

#	ARTICLE	IF	CITATIONS
93	The Cooperative Effect Analysis when Nanoparticles Enter a Biological Cell. <i>Nano</i> , 2019, 14, 1950039.	0.5	2
94	Analysis of phenolic content and antioxidant activity of cocoa pod husk (<i>theobroma cacao</i> L.). <i>Journal of Physics: Conference Series</i> , 2019, 1317, 012087.	0.3	1
95	Synthesis of novel organic-inorganic hybrid fluorescent microspheres and their applications as Fe(III), Hg(II) and biothiols probes. <i>Talanta</i> , 2019, 195, 713-719.	2.9	25
96	Mesoporous silica nanoparticles: Synthesis, pharmaceutical applications, biodistribution, and biosafety assessment. <i>Chemical Engineering Journal</i> , 2019, 359, 684-705.	6.6	159
97	Protonic cell performance employing electrolytes based on plasticized methylcellulose-potato starch-NH ₄ NO ₃ . <i>Ionics</i> , 2019, 25, 559-572.	1.2	39
98	Priming the pores of mesoporous silica nanoparticles with an in-built RAFT agent for anchoring a thermally responsive polymer. <i>Microporous and Mesoporous Materials</i> , 2019, 277, 60-69.	2.2	22
99	Synthesis of Carboxymethyl Starch-Bio-Based Epoxy Resin and their Impact on Mechanical Properties. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020, 234, 1759-1769.	1.4	24
100	Development and characterization of elephant foot yam starch-hydrocolloids based edible packaging film: physical, optical, thermal and barrier properties. <i>Journal of Food Science and Technology</i> , 2020, 57, 1331-1341.	1.4	29
101	The effect of SiO ₂ addition on dielectric properties and microstructure of ZnNiO ₂ : based ceramics. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	6
102	Chitosan capped pH-responsive hollow mesoporous silica nanoparticles for targeted chemo-photo combination therapy. <i>Carbohydrate Polymers</i> , 2020, 231, 115706.	5.1	83
103	Imprinting the location of an in-built RAFT agent and selective grafting of polymer chains inside or outside the pores of mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109898.	2.2	11
104	Potent Design: Amino Acids Mimicking Porous Nanotherapeutics with Intrinsic Anticancer Targeting Properties. <i>Small</i> , 2020, 16, e2003757.	5.2	20
105	Encapsulation of sea fennel (<i>Crithmum maritimum</i>) essential oil in nanoemulsion and SiO ₂ nanoparticles for treatment of the crop pest <i>Spodoptera litura</i> and the dengue vector <i>Aedes aegypti</i> . <i>Industrial Crops and Products</i> , 2020, 158, 113033.	2.5	30
106	Multiplexed Detection of Analytes on Single Test Strips with Antibody-Gated Indicator-Releasing Mesoporous Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23862-23869.	7.2	32
107	Multiplex-Nachweis von Analyten auf einem einzelnen Teststreifen mit Antikörper-gesteuerten und Indikator freisetzenden mesoporen Nanopartikeln. <i>Angewandte Chemie</i> , 2020, 132, 24071-24078.	1.6	5
108	High leaf fluctuating asymmetry in two native plants growing in heavy metal-contaminated soil: the case of Metlaoui phosphate mining basin (Gafsa, Tunisia). <i>Environmental Monitoring and Assessment</i> , 2020, 192, 406.	1.3	12
109	A Highly Sensitive Impedimetric DNA Biosensor Based on Hollow Silica Microspheres for Label-Free Determination of <i>E. coli</i> . <i>Sensors</i> , 2020, 20, 1279.	2.1	27
110	Comparison of immune responses in guinea pigs by intranasal delivery with different nanoparticles-loaded FMDV DNA vaccine. <i>Microbial Pathogenesis</i> , 2020, 142, 104061.	1.3	14

#	ARTICLE	IF	CITATIONS
111	<p>Therapeutic Effect of Doxorubicin-Chlorin E6-Loaded Mesoporous Silica Nanoparticles Combined with Ultrasound on Triple-Negative Breast Cancer</p>. International Journal of Nanomedicine, 2020, Volume 15, 2659-2668.	3.3	31
112	Intracellular Labeling with Extrinsic Probes: Delivery Strategies and Applications. Small, 2020, 16, e2000146.	5.2	21
113	Thermoresponsive polymer gated and superparamagnetic nanoparticle embedded hollow mesoporous silica nanoparticles as smart multifunctional nanocarrier for targeted and controlled delivery of doxorubicin. Nanotechnology, 2020, 31, 455604.	1.3	18
114	Recent advances in the design of metal-organic frameworks for methane storage and delivery. Journal of Porous Materials, 2021, 28, 213-230.	1.3	13
115	Identification of metal(loid)s compounds in fresh and pre-baked bread with evaluation of risk health assessment. Journal of Cereal Science, 2021, 97, 103164.	1.8	11
116	Utility of NBD-Cl as an electrophilic reagent for the determination of the two antihypertensive drugs hydrochlorothiazide and minoxidil in dosage forms and human urine samples. Chemical Papers, 2021, 75, 1925-1935.	1.0	2
117	Effect of different concentrations of corn starch and whey protein on the characteristics of biodegradable cup. Environment Conservation Journal, 2021, 22, 21-31.	0.1	0
118	Novel photothermal-responsive sandwich-structured mesoporous silica nanoparticles: synthesis, characterization, and application for controlled drug delivery. Journal of Materials Science, 2021, 56, 12412-12422.	1.7	8
119	Investigation of potential inhibitor properties of ethanolic propolis extracts against ACE-II receptors for COVID-19 treatment by molecular docking study. Archives of Microbiology, 2021, 203, 3557-3564.	1.0	55
120	Biodegradable film of black mulberry pulp pectin/chlorophyll of black mulberry leaf encapsulated with carboxymethylcellulose/silica nanoparticles: Investigation of physicochemical and antimicrobial properties. Materials Chemistry and Physics, 2021, 267, 124580.	2.0	58
121	A new role for photoexcited Na ₂ eosin Y as direct hydrogen atom transfer (HAT) photocatalyst in photochemical synthesis of dihydropyrano[2,3-c]pyrazole scaffolds promoted by visible light irradiation under air atmosphere. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113428.	2.0	23
122	Highly Crystalline Zinc Oxide/Mesoporous Hollow Silica Composites Synthesized at Low Temperature for the Photocatalytic Degradation of Sodium Dodecylbenzenesulfonate. Australian Journal of Chemistry, 2019, 72, 252.	0.5	1
123	Application of FTIR-ATR to discriminate peach nectars with higher and lower sugar contents. Brazilian Journal of Food Technology, 0, 23, .	0.8	3
124	Natural Antimicrobial Agents as an Alternative to Chemical Antimicrobials in the Safety and Preservation of Food Products. Current Chemical Biology, 2019, 13, 25-37.	0.2	4
125	Development and validation of second derivative and synchronous spectrofluorimetric methods for determination of oxytocin and ergometrine maleate in their combined formulation. European Journal of Chemistry, 2018, 9, 241-250.	0.3	1
126	Environmental Photocatalysis/Photocatalytic Decontamination. , 2019, , 1625-1640.		1
127	Obtaining a complementary DNA encoding a fructan 1-exohydrolase in <i>Yacyn</i> , <i>Smallanthus sonchifolius</i> (Poepp. & Endl.) H. Robinson. Scientia Agropecuaria, 2019, 10, 283-291.	0.5	0
128	Ion release and recharge from a fissure sealant containing amorphous calcium phosphate. PLoS ONE, 2020, 15, e0241272.	1.1	8

#	ARTICLE	IF	CITATIONS
129	Optimization of solvent extraction and HPLC-DAD method parameters for determination of phenolic compounds in various Brazilian propolis. <i>Journal of Apicultural Research</i> , 0, , 1-14.	0.7	2
130	CuZSM-5@HMS composite as an efficient micro-mesoporous catalyst for conversion of sugars into levulinic acid. <i>Catalysis Today</i> , 2022, 390-391, 146-161.	2.2	8
131	Micellar-emphasized simultaneous determination of ivabradine hydrochloride and felodipine using synchronous spectrofluorimetry. <i>Luminescence</i> , 2022, 37, 569-576.	1.5	8
132	Probing the Structure, Cytocompatibility, and Antimicrobial Efficacy of Silver-, Strontium-, and Zinc-Doped Monetite. <i>ACS Applied Bio Materials</i> , 2022, 5, 1648-1657.	2.3	5
134	Single-Step Self-Assembly of Zein-Honey-Chitosan Nanoparticles for Hydrophilic Drug Incorporation by Flash Nanoprecipitation. <i>Pharmaceutics</i> , 2022, 14, 920.	2.0	10
135	Recent Developments of Nanostructures for the Ocular Delivery of Natural Compounds. <i>Frontiers in Chemistry</i> , 2022, 10, 850757.	1.8	18
136	Resource utilization of medical waste under COVID-19: Waste mask used as crude oil fluidity improver. <i>Journal of Cleaner Production</i> , 2022, 358, 131903.	4.6	16
137	Catechol Mediated Synthesis of Monometallic and Bimetallic Nanoparticles and Catalytic Efficiency of Monometallic Nanoparticles. <i>Catalysis Letters</i> , 2023, 153, 1602-1614.	1.4	3
138	Evaluation of the Anticancer Activities of Isatin-Based Derivatives. , 2022, , 923-947.		1
139	Development of Biodegradable QDs-hMSNs for Fluorescence Imaging and Dual Cancer Treatment via Photodynamic Therapy and Drug Delivery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14931.	1.8	1
140	Quinoline Hydrazone/Hydrazone Derivatives: Recent Insights on Antibacterial Activity and Mechanism of Action. <i>ChemMedChem</i> , 2023, 18, .	1.6	7
143	Exposure and health risk assessment of transition metals in rice found on the Ghanaian market. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	2