

# Mehdi Khoobi

## List of Publications by Year in descending order

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189  
papers

5,993  
citations

57631

44  
h-index

110170

64  
g-index

210  
all docs

210  
docs citations

210  
times ranked

7546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Reactive Blue 19 azo dye removal from colored textile wastewater using L-arginine-functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles: Optimization, reusability, kinetic and equilibrium studies. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 404, 179-189.	1.0	234
2	2H-chromene derivatives bearing thiazolidine-2,4-dione, rhodanine or hydantoin moieties as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 15-22.	2.6	168
3	A facile route to flavone and neoflavone backbones via a regioselective palladium catalyzed oxidative Heck reaction. <i>Chemical Communications</i> , 2012, 48, 2985.	2.2	125
4	One-pot synthesis of 4H-benzo[b]pyrans and dihydropyrano[c]chromenes using inorganic-organic hybrid magnetic nanocatalyst in water. <i>Journal of Molecular Catalysis A</i> , 2012, 359, 74-80.	4.8	124
5	Novel coumarin derivatives bearing N-benzyl pyridinium moiety: Potent and dual binding site acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7214-7222.	1.4	108
6	Novel coumarin-3-carboxamides bearing N-benzylpiperidine moiety as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 623-630.	2.6	106
7	Synthesis and evaluation of 4-substituted coumarins as novel acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 252-259.	2.6	100
8	Magnetic bio-metal-organic framework nanocomposites decorated with folic acid conjugated chitosan as a promising biocompatible targeted theranostic system for cancer treatment. <i>Materials Science and Engineering C</i> , 2019, 99, 805-815.	3.8	95
9	Design, synthesis, biological evaluation and docking study of 5-oxo-4,5-dihydropyrano[3,2-c]chromene derivatives as acetylcholinesterase and butyrylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 260-269.	2.6	91
10	A review on flavonoid-based scaffolds as multi-target-directed ligands (MTDLs) for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 570-589.	2.6	91
11	Synthesis and anticholinesterase activity of coumarin-3-carboxamides bearing tryptamine moiety. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 40-46.	2.6	88
12	Chitosan-folate coated mesoporous silica nanoparticles as a smart and pH-sensitive system for curcumin delivery. <i>RSC Advances</i> , 2016, 6, 105578-105588.	1.7	80
13	Carnosine-graphene oxide conjugates decorated with hydroxyapatite as promising nanocarrier for ICG loading with enhanced antibacterial effects in photodynamic therapy against <i>Streptococcus mutans</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 14-22.	1.7	78
14	One-pot, four-component synthesis of novel cytotoxic agents 1-(5-aryl-1,3,4-oxadiazol-2-yl)-1-(1H-pyrrol-2-yl)methanamines. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 151-156.	2.6	76
15	Mesoporous silica nanoparticles functionalized with folic acid/methionine for active targeted delivery of docetaxel. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 7315-7330.	1.0	76
16	Green oxidation of alcohols by using hydrogen peroxide in water in the presence of magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles as recoverable catalyst. <i>Green Chemistry Letters and Reviews</i> , 2014, 7, 257-264.	2.1	75
17	Polyethyleneimine-modified superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles for lipase immobilization: Characterization and application. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 77-86.	2.0	75
18	Indolinone-based acetylcholinesterase inhibitors: Synthesis, biological activity and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 375-381.	2.6	73

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19	DNA methylation detection by a novel fluorimetric nanobiosensor for early cancer diagnosis. <i>Biosensors and Bioelectronics</i> , 2014, 60, 35-44.	5.3	72
20	New tetracyclic tacrine analogs containing pyrano[2,3-c]pyrazole: Efficient synthesis, biological assessment and docking simulation study. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 296-303.	2.6	70
21	Synthesis and anti-cholinesterase activity of new 7-hydroxycoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 536-544.	2.6	69
22	Coumarin-Based Bioactive Compounds: Facile Synthesis and Biological Evaluation of Coumarin-Fused 1,4-Thiazepines. <i>Chemical Biology and Drug Design</i> , 2011, 78, 580-586.	1.5	68
23	Lipase immobilization onto polyethylenimine coated magnetic nanoparticles assisted by divalent metal chelated ions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 120, 75-83.	1.8	68
24	Curcumin-lipoic acid conjugate as a promising anticancer agent on the surface of gold-iron oxide nanocomposites: A pH-sensitive targeted drug delivery system for brain cancer theranostics. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 114, 175-188.	1.9	68
25	Improved curcumin loading, release, solubility and toxicity by tuning the molar ratio of cross-linker to $\beta$ -cyclodextrin. <i>Carbohydrate Polymers</i> , 2019, 213, 70-78.	5.1	68
26	Folic acid decorated magnetic nanosponge: An efficient nanosystem for targeted curcumin delivery and magnetic resonance imaging. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 128-139.	5.0	65
27	The effect of indocyanine green loaded on a novel nano-graphene oxide for high performance of photodynamic therapy against <i>Enterococcus faecalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 148-153.	1.3	63
28	Three-Component Reaction of an Isocyanide and a Dialkyl Acetylenedicarboxylate with a Phenacyl Halide in the Presence of Water: An Efficient Method for the One-Pot Synthesis of $\alpha$ -iminolactone Derivatives. <i>Helvetica Chimica Acta</i> , 2010, 93, 2033-2036.	1.0	62
29	Synthesis of functionalized polyethylenimine-grafted mesoporous silica spheres and the effect of side arms on lipase immobilization and application. <i>Biochemical Engineering Journal</i> , 2014, 88, 131-141.	1.8	62
30	(P2O5/SiO2): a useful heterogeneous alternative for the Ritter reaction. <i>Tetrahedron Letters</i> , 2007, 48, 3643-3646.	0.7	61
31	Polyethyleneimine-modified superparamagnetic Fe3O4 nanoparticles: An efficient, reusable and water tolerance nanocatalyst. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 375, 217-226.	1.0	61
32	A review: Biologically active 3,4-heterocycle-fused coumarins. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113034.	2.6	61
33	Synthesis of functionalized furo[3,2-c]coumarins via a one-pot oxidative pseudo three-component reaction in poly(ethylene glycol). <i>Tetrahedron</i> , 2012, 68, 6721-6726.	1.0	59
34	Design, synthesis and evaluation of novel multi-target-directed ligands for treatment of Alzheimer's disease based on coumarin and lipoic acid scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 600-614.	2.6	59
35	Polyoxometalate-metal organic framework-lipase: An efficient green catalyst for synthesis of benzyl cinnamate by enzymatic esterification of cinnamic acid. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 8-19.	3.6	58
36	$\beta$ -cyclodextrin functionalized poly (5-amidoisophthalic acid) grafted Fe3O4 magnetic nanoparticles: A novel biocompatible nanocomposite for targeted docetaxel delivery. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 451-459.	1.0	56

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37	pH-sensitive biocompatible mesoporous magnetic nanoparticles labeled with folic acid as an efficient carrier for controlled anticancer drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 323-332.	1.4	56
38	Gadolinium (III) oxide nanoparticles coated with folic acid-functionalized poly( $\beta$ -cyclodextrin-co-pentetic acid) as a biocompatible targeted nano-contrast agent for cancer diagnostic: in vitro and in vivo studies. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 487-500.	1.1	56
39	Palladium catalyzed dehydrogenative arylation of coumarins: an unexpected switch in regioselectivity. <i>Chemical Communications</i> , 2013, 49, 10935.	2.2	54
40	Evaluation of targeted curcumin (CUR) loaded PLGA nanoparticles for in vitro photodynamic therapy on human glioblastoma cell line. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 190-201.	1.3	53
41	Synthesis and Free Radical Scavenging Activity of Coumarin Derivatives Containing a 2-Methylbenzothiazoline Motif. <i>Archiv Der Pharmazie</i> , 2011, 344, 588-594.	2.1	52
42	Design, synthesis, docking study and biological evaluation of some novel tetrahydrochromeno [3,4-b]pyrano[2,3-b]quinolin-6(7H)-one derivatives against acetyl- and butyrylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 291-300.	2.6	50
43	Novel Fluorometric Assay for Detection of Cysteine as a Reducing Agent and Template in Formation of Copper Nanoclusters. <i>Journal of Fluorescence</i> , 2017, 27, 529-536.	1.3	48
44	Evaluation of multilayer coated magnetic nanoparticles as biocompatible curcumin delivery platforms for breast cancer treatment. <i>RSC Advances</i> , 2015, 5, 88096-88107.	1.7	45
45	New racemic annulated pyrazolo[1,2-b]phthalazines as tacrine-like AChE inhibitors with potential use in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 280-289.	2.6	45
46	Novel Fe <sub>3</sub> O <sub>4</sub> /hydroxyapatite/ $\beta$ -cyclodextrin nanocomposite adsorbent: Synthesis and application in heavy metal removal from aqueous solution. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4634.	1.7	45
47	New PLA/PEI-functionalized Fe <sub>3</sub> O <sub>4</sub> nanocomposite: Preparation and characterization. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 211-218.	2.9	43
48	Antimicrobial photodynamic therapy assessment of three indocyanine green-loaded metal-organic frameworks against <i>Enterococcus faecalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 331-338.	1.3	43
49	Synthesis and Anticholinergic Activity of $\beta$ -hydroxycoumarin Derivatives Containing Substituted Benzyl-1,2,3-triazole Moiety. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1215-1220.	1.5	42
50	Laccase Immobilization onto Magnetic $\beta$ -Cyclodextrin-Modified Chitosan: Improved Enzyme Stability and Efficient Performance for Phenolic Compounds Elimination. <i>Macromolecular Research</i> , 2018, 26, 755-762.	1.0	42
51	Response surface modeling of lead (Pb) removal by graphene oxide-Fe <sub>3</sub> O <sub>4</sub> nanocomposite using central composite design. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2016, 14, 2.	1.4	41
52	Application of novel magnetic $\beta$ -cyclodextrin-anhydride polymer nano-adsorbent in cationic dye removal from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 452-463.	2.7	41
53	Adsorption of nitrate onto anionic bio-graphene nanosheet from aqueous solutions: Isotherm and kinetic study. <i>Journal of Molecular Liquids</i> , 2017, 242, 1111-1117.	2.3	41
54	Synthesis and structure-activity relationship study of tacrine-based pyrano[2,3-c]pyrazoles targeting AChE/BuChE and 15-LOX. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 298-308.	2.6	40

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55	Gold-capped mesoporous silica nanoparticles as an excellent enzyme-responsive nanocarrier for controlled doxorubicin delivery. <i>Journal of Drug Targeting</i> , 2019, 27, 1084-1093.	2.1	40
56	Evaluation of a novel biocompatible magnetic nanomedicine based on beta-cyclodextrin, loaded doxorubicin-curcumin for overcoming chemoresistance in breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 207-216.	1.9	39
57	Poly-l-lactic acid scaffold incorporated chitosan-coated mesoporous silica nanoparticles as pH-sensitive composite for enhanced osteogenic differentiation of human adipose tissue stem cells by dexamethasone delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 4020-4029.	1.9	39
58	Insights into the molecular interaction between two polyoxygenated cinnamoylcoumarin derivatives and human serum albumin. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10099-10115.	1.3	36
59	Isochaihulactone analogues: Synthesis and anti-proliferative activity of novel dibenzylbutyrolactones. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5979-5984.	2.6	35
60	Synthesis of Quinazolinones from Alcohols <i>via</i> Laccase-Mediated Tandem Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1789-1794.	2.1	35
61	Novel 3-phenylcoumarin-lipoic acid conjugates as multi-functional agents for potential treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2018, 79, 223-234.	2.0	34
62	Magnetic CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles as an Efficient Catalyst for the Oxidation of Alcohols to Carbonyl Compounds in the Presence of Oxone as an Oxidant. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2029-2032.	1.0	33
63	Synthesis of polyethyleneimine (PEI) and $\beta$ -cyclodextrin grafted PEI nanocomposites with magnetic cores for lipase immobilization and esterification. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 375-384.	1.6	32
64	Synthesis of Monospiro-2-amino-4-H-pyran Derivatives Catalyzed by Propane-1-sulfonic Acid-Modified Magnetic Hydroxyapatite Nanoparticles. <i>Helvetica Chimica Acta</i> , 2013, 96, 1601-1609.	1.0	31
65	Anticonvulsant activity of 1,2,4-triazine derivatives with pyridyl side chain: synthesis, biological, and computational study. <i>Medicinal Chemistry Research</i> , 2015, 24, 2505-2513.	1.1	31
66	Sonocatalytic degradation of humic acid by N-doped TiO <sub>2</sub> nano-particle in aqueous solution. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2016, 14, 3.	1.4	31
67	Glutathione conjugated polyethylenimine on the surface of Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as a theranostic agent for targeted and controlled curcumin delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1109-1125.	1.9	31
68	Endotoxin removal from aqueous solutions with dimethylamine-functionalized graphene oxide: Modeling study and optimization of adsorption parameters. <i>Journal of Hazardous Materials</i> , 2019, 368, 163-177.	6.5	31
69	pH-responsive polymer in a core-shell magnetic structure as an efficient carrier for delivery of doxorubicin to tumor cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 967-977.	1.8	30
70	Polysaccharide-based hydrogels containing herbal extracts for wound healing applications. <i>Carbohydrate Polymers</i> , 2022, 294, 119808.	5.1	30
71	9-H-Carbazole Derivatives Containing the N-Benzyl-1,2,3-triazole Moiety as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015, 348, 366-374.	2.1	29
72	Preparation of PEG-grafted chitosan/streptokinase nanoparticles to improve biological half-life and reduce immunogenicity of the enzyme. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 181-189.	3.6	29

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73	Synthesis of 3-Acyloxylindolines under mild conditions using tripolyphosphate-grafted KCC-1-NH <sub>2</sub> . Microporous and Mesoporous Materials, 2018, 257, 147-153.	2.2	28
74	Sericin grafted multifunctional curcumin loaded fluorinated graphene oxide nanomedicines with charge switching properties for effective cancer cell targeting. International Journal of Pharmaceutics, 2019, 572, 118791.	2.6	28
75	Performance evaluation of graphene oxide coated on cotton fibers in removal of humic acid from aquatic solutions. Korean Journal of Chemical Engineering, 2019, 36, 894-902.	1.2	28
76	Efficient microwave-assisted synthesis of 3-benzothiazolo and 3-benzothiazolino coumarin derivatives catalyzed by heteropoly acids. Journal of the Iranian Chemical Society, 2011, 8, 1036-1042.	1.2	27
77	Synthesis of Some New 3- <i>o</i> -oumaranone and Coumarin Derivatives as Dual Inhibitors of Acetyl- and Butyrylcholinesterase. Archiv Der Pharmazie, 2013, 346, 577-587.	2.1	27
78	A one-pot domino C-H, C-C activation in coumarins: a fast track to 2,3-diaryl benzo[ <i>b</i> ]furans. Chemical Communications, 2015, 51, 11713-11716.	2.2	27
79	Development and physicochemical, toxicity and immunogenicity assessments of recombinant hepatitis B surface antigen (rHBsAg) entrapped in chitosan and mannosylated chitosan nanoparticles: as a novel vaccine delivery system and adjuvant. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 230-240.	1.9	27
80	Synthesis and biological evaluation of new N-benzylpyridinium-based benzoheterocycles as potential anti-Alzheimer's agents. Bioorganic Chemistry, 2019, 83, 559-568.	2.0	27
81	Optimization of immobilization conditions of Bacillus atrophaeus FSHM2 lipase on maleic copolymer coated amine-modified graphene oxide nanosheets and its application for valeric acid esterification. International Journal of Biological Macromolecules, 2020, 162, 1790-1806.	3.6	27
82	Application of amine-functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles with HPEI for effective humic acid removal from aqueous solution: Modeling and optimization. Korean Journal of Chemical Engineering, 2020, 37, 93-104.	1.2	26
83	A biocompatible theranostic nanoplatfrom based on magnetic gadolinium-chelated polycyclodextrin: in vitro and in vivo studies. Carbohydrate Polymers, 2021, 254, 117262.	5.1	26
84	Beta-carotene/cyclodextrin-based inclusion complex: improved loading, solubility, stability, and cytotoxicity. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2022, 102, 55-64.	0.9	26
85	Design and synthesis of mucoadhesive nanogel containing farnesol: investigation of the effect on HWP1, SAP6 and Rim101 genes expression of <i>Candida albicans</i> in vitro. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 64-72.	1.9	25
86	Development and validation of a simple and sensitive HPLC-UV method for the determination of captopril in human plasma using a new derivatizing reagent 2-naphthyl propiolate. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 932, 144-151.	1.2	24
87	Heck and oxidative boron Heck reactions employing Pd(II) supported amphiphilized polyethyleneimine-functionalized MCM-41 (MCM-41@PEI-Pd) as an efficient and recyclable nanocatalyst. Applied Organometallic Chemistry, 2018, 32, e4123.	1.7	24
88	Embedding of L-Arginine into graphene oxide (GO) for endotoxin removal from water: Modeling and optimization approach. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 607, 125491.	2.3	24
89	( <i>N</i> -Isocyanimino)triphenylphosphorane-Mediated, One-Pot, Efficient Synthesis of Sterically Congested 1,1,1-Trifluoro-2-(5-aryl-1,3,4-oxadiazol-2-yl)-2-propanol Derivatives via Intramolecular Aza-Wittig Reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 2496-2502.	0.8	23
90	Co-immobilization of Laccase and TEMPO in the Compartments of Mesoporous Silica for a Green and One-Pot Cascade Synthesis of Coumarins by Knoevenagel Condensation. ChemCatChem, 2018, 10, 1542-1546.	1.8	23

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91	Efficient and selective oxidation of alcohols in water employing palladium supported nanomagnetic Fe <sub>3</sub> O <sub>4</sub> @hyperbranched polyethylenimine (Fe <sub>3</sub> O <sub>4</sub> @HPEI.Pd) as a new organic-inorganic hybrid nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3908.	1.7	23
92	Synthesis and biological evaluation of 5-benzylidenerhodanine-3-acetic acid derivatives as AChE and 15-LOX inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 389-395.	2.5	22
93	Copper nanocluster-enhanced luminol chemiluminescence for high-selectivity sensing of tryptophan and phenylalanine. <i>Luminescence</i> , 2017, 32, 1045-1050.	1.5	22
94	Reactive Dye Adsorption from Aqueous Solution on HPEI-Modified Fe <sub>3</sub> O <sub>4</sub> Nanoparticle as a Superadsorbent: Characterization, Modeling, and Optimization. <i>Journal of Polymers and the Environment</i> , 2018, 26, 3470-3483.	2.4	22
95	Rapid and green synthesis of 4H-benzo[b]pyrans using triethanolamine as an efficient homogeneous catalyst under ambient conditions. <i>Research on Chemical Intermediates</i> , 2020, 46, 2109-2116.	1.3	22
96	Highly fluorinated graphene oxide nanosheets for anticancer linoleic-curcumin conjugate delivery and T2-Weighted magnetic resonance imaging: In vitro and in vivo studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101967.	1.4	22
97	Polyoxygenated cinnamoylcoumarins as conformationally constrained analogs of cytotoxic diarylpentanoids: Synthesis and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 103-110.	2.6	21
98	Fast Removal of Methylene Blue from Aqueous Solution Using Magnetic-Modified Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Journal of Environmental Engineering, ASCE</i> , 2015, 141, .	0.7	21
99	Selective removal of mercury(II) from water using a 2,2-dithiodisalicylic acid-functionalized graphene oxide nanocomposite: Kinetic, thermodynamic, and reusability studies. <i>Journal of Molecular Liquids</i> , 2018, 265, 189-198.	2.3	21
100	Metal-Chelate Immobilization of Lipase onto Polyethylenimine Coated MCM-41 for Apple Flavor Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1371-1389.	1.4	20
101	Synthesis of Novel Benzimidazole and Benzothiazole Derivatives Bearing a 1,2,3-triazole Ring System and their Acetylcholinesterase Inhibitory Activity. <i>Journal of Chemical Research</i> , 2017, 41, 30-35.	0.6	20
102	A transition-metal-free fast track to flavones and 3-arylcoumarins. <i>Chemical Communications</i> , 2017, 53, 10676-10679.	2.2	20
103	The effect of size and aspect ratio of Fe-MIL-88B-NH <sub>2</sub> metal-organic frameworks on their relaxivity and contrast enhancement properties in MRI: in vitro and in vivo studies. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	20
104	Multifunctional MIL-Cur@FC as a theranostic agent for magnetic resonance imaging and targeting drug delivery: <i>in vitro</i> and <i>in vivo</i> study. <i>Journal of Drug Targeting</i> , 2020, 28, 668-680.	2.1	20
105	Chromone derivatives bearing pyridinium moiety as multi-target-directed ligands against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2021, 110, 104750.	2.0	20
106	Polyacrolein/mesoporous silica nanocomposite: Synthesis, thermal stability and covalent lipase immobilization. <i>Materials Chemistry and Physics</i> , 2013, 143, 76-84.	2.0	19
107	<i>In vitro</i> and <i>in vivo</i> characteristics of doxorubicin-loaded cyclodextrine-based polyester modified gadolinium oxide nanoparticles: a versatile targeted theranostic system for tumour chemotherapy and molecular resonance imaging. <i>Journal of Drug Targeting</i> , 2020, 28, 533-546.	2.1	19
108	A novel europium-sensitive fluorescent nano-chemosensor based on new functionalized magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles. <i>Talanta</i> , 2013, 115, 271-276.	2.9	18

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109	Magnetic Metal-Organic Framework Based on Zinc and 5-Aminolevulinic Acid: MR Imaging and Brain Tumor Therapy. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1208-1216.	1.9	18
110	Selective recognition of Pr <sup>3+</sup> based on fluorescence enhancement sensor. <i>Materials Science and Engineering C</i> , 2013, 33, 4140-4143.	3.8	17
111	Effects of polyethyleneimine-functionalized MCM-41 on flame retardancy and thermal stability of polyvinyl alcohol. <i>Particuology</i> , 2015, 19, 14-21.	2.0	17
112	One-pot three-component syntheses of $\alpha$ -aminophosphonates from a primary amine, quinoline-4-carbaldehyde and a phosphite in the presence of MCM-41@PEI as an efficient nanocatalyst. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 776-781.	0.8	17
113	Highly <i>cis</i> -Diastereoselective Synthesis of Coumarin-Based 2,3-Disubstituted Dihydrobenzothiazines by Organocatalysis. <i>Helvetica Chimica Acta</i> , 2012, 95, 660-671.	1.0	16
114	Synthesis, docking study, and biological evaluation of novel umbelliferone/hymecromone derivatives as acetylcholinesterase/butrylcholinesterase inhibitors. <i>Medicinal Chemistry Research</i> , 2018, 27, 1741-1747.	1.1	16
115	Synthesis, characterization and antifungal activity of a novel formulated nanocomposite containing Indolicidin and Graphene oxide against disseminated candidiasis. <i>Journal De Mycologie Medicale</i> , 2018, 28, 628-636.	0.7	16
116	Magnetic carnosine-based metal-organic framework nanoparticles: fabrication, characterization and application as arsenic adsorbent. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2020, 18, 1163-1174.	1.4	16
117	Construction and characterization of a novel Tenofovir-loaded PEGylated niosome conjugated with TAT peptide for evaluation of its cytotoxicity and anti-HIV effects. <i>Advanced Powder Technology</i> , 2021, 32, 3161-3173.	2.0	16
118	Antinociceptive properties of new coumarin derivatives bearing substituted 3,4-dihydro-2H-benzothiazines. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 9.	0.9	15
119	Selective removal of lead ions from aqueous solutions using 1,8-dihydroxyanthraquinone (DHAQ) functionalized graphene oxide; isotherm, kinetic and thermodynamic studies. <i>RSC Advances</i> , 2018, 8, 5685-5694.	1.7	15
120	Chromone-lipoic acid conjugate: Neuroprotective agent having acceptable butyrylcholinesterase inhibition, antioxidant and copper-chelation activities. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 23-38.	0.9	15
121	Performance evaluation of MRI-based PAGAT polymer gel dosimeter in an inhomogeneous phantom using EGSnrc code on a Co-60 machine. <i>Applied Radiation and Isotopes</i> , 2009, 67, 186-191.	0.7	14
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