

# Mehdi Khoobi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7642181/publications.pdf>

Version: 2024-02-01

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	Enrichment of carbopol gel by natural peptide and clay for improving the burn wound repair process. <i>Polymer Bulletin</i> , 2023, 80, 5101-5122.	1.7	3
2	Beta-carotene/cyclodextrin-based inclusion complex: improved loading, solubility, stability, and cytotoxicity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022, 102, 55-64.	0.9	26
3	The effect of photodynamic therapy on head and neck squamous cell carcinoma cell lines using spirulina platensis with different laser energy densities. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102688.	1.3	5
4	Detection of glioblastoma multiforme using quantitative molecular magnetic resonance imaging based on 5-aminolevulinic acid: in vitro and in vivo studies. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 3-15.	1.1	4
5	Polysaccharide-based hydrogels containing herbal extracts for wound healing applications. <i>Carbohydrate Polymers</i> , 2022, 294, 119808.	5.1	30
6	Polyethylenimine-graft-poly (maleic anhydride-alt-1-octadecene) coated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles: promising targeted pH-sensitive system for curcumin delivery and MR imaging. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1344-1353.	1.8	7
7	A biocompatible theranostic nanoplatform based on magnetic gadolinium-chelated polycyclodextrin: in vitro and in vivo studies. <i>Carbohydrate Polymers</i> , 2021, 254, 117262.	5.1	26
8	A review: Biologically active 3,4-heterocycle-fused coumarins. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113034.	2.6	61
9	Mono- and bis-pyrazolophthalazines: Design, synthesis, cytotoxic activity, DNA/HSA binding and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115944.	1.4	6
10	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
11	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
12	In vitro Anti-HIV-1 Activity of the Recombinant HIV-1 TAT Protein Along With Tenofovir Drug. <i>Current HIV Research</i> , 2021, 19, 138-146.	0.2	1
13	Conjugated Linoleic Acid-Curcumin Attenuates Cognitive Deficits and Oxidative Stress Parameters in the Ethidium Bromide-Induced Model of Demyelination. <i>Neurotoxicity Research</i> , 2021, 39, 815-825.	1.3	12
14	Chromone derivatives bearing pyridinium moiety as multi-target-directed ligands against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2021, 110, 104750.	2.0	20
15	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
16	Binding of $\alpha$ -lipoic acid to human serum albumin: spectroscopic and molecular modeling studies. <i>Monatshefte für Chemie</i> , 2021, 152, 1589-1602.	0.9	2
17	Synthesis of New 3-Arylcoumarins Bearing N-Benzyl Triazole Moiety: Dual Lipoxygenase and Butyrylcholinesterase Inhibitors With Anti-Amyloid Aggregation and Neuroprotective Properties Against Alzheimer's Disease. <i>Frontiers in Chemistry</i> , 2021, 9, 810233.	1.8	5
18	A dual responsive robust human serum albumin-based nanocarrier for doxorubicin. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	1.4	2

#	ARTICLE	IF	CITATIONS
19	Polyvinyl alcohol-graphene oxide nanocomposites: evaluation of flame-retardancy, thermal and mechanical properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 17-24.	1.2	10
20	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
21	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
22	Immobilization of Thermoalkalophilic Lipase from <i>Bacillus atrophaeus</i> FSHM2 on Amine-Modified Graphene Oxide Nanostructures: Statistical Optimization and Its Application for Pentyl Valerate Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 579-604.	1.4	13
23	<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
24	Photocatalytic degradation of ketoconazole by Z-scheme Ag <sub>3</sub> PO <sub>4</sub> /graphene oxide: response surface modeling and optimization. <i>Environmental Science and Pollution Research</i> , 2020, 27, 250-263.	2.7	12
25	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
26	Optimization of immobilization conditions of <i>Bacillus atrophaeus</i> FSHM2 lipase on maleic copolymer coated amine-modified graphene oxide nanosheets and its application for valeric acid esterification. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1790-1806.	3.6	27
27	High-Performance Spirulina-Bismuth Biohybrids for Enhanced Computed Tomography Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13085-13099.	3.2	8
28	Highly fluorinated graphene oxide nanosheets for anticancer linoleic-curcumin conjugate delivery and T2-Weighted magnetic resonance imaging: <i>In vitro</i> and <i>in vivo</i> studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101967.	1.4	22
29	Accompanying photocytotoxic activity of gold nanoechinus and zinc phthalocyanine on cancerous cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 101929.	1.3	4
30	Embedding of L-Arginine into graphene oxide (GO) for endotoxin removal from water: Modeling and optimization approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125491.	2.3	24
31	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
32	Surface modification and bioconjugation of anti-CD4 monoclonal antibody to magnetic nanoparticles as a highly efficient affinity adsorbent for positive selection of peripheral blood T CD4+ lymphocytes. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 729-737.	3.6	11
33	Fatty Acid Based Polyamide for Application in Drug Delivery System: Synthesis, Characterization, Drug Loading and <i>In Vitro</i> Drug Release Study. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2520-2532.	1.9	4
34	Cross-Linked Poly(acrylic acid) Hydrogel Loaded with Zinc Oxide Nanoparticles and Egg White Proteins for Antimicrobial Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 5234-5243.	1.9	5
35	Synthesis of benzo[ <i>b</i> ]xanthene-triones and tetrahydrochromeno[2,3- <i>b</i> ]xanthene tetraones via three- or pseudo-five-component reactions using Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /PEtOx as a novel, magnetically recyclable, and eco-friendly nanocatalyst. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1825-1837.	1.4	11
36	Application of amine-functioned Fe <sub>3</sub> O <sub>4</sub> nanoparticles with HPEI for effective humic acid removal from aqueous solution: Modeling and optimization. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 93-104.	1.2	26

#	ARTICLE	IF	CITATIONS
37	Regenerated silk fibroin-based dressing modified with carnosine-bentonite nanosheets accelerates healing of second-degree burn wound. <i>Chemical Papers</i> , 2020, 74, 3243-3257.	1.0	6
38	Coumarin-based Scaffold as $\alpha$ -glucosidase Inhibitory Activity: Implication for the Development of Potent Antidiabetic Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 134-151.	1.1	10
39	Cytotoxic Activity and DNA Binding Property of New Aminopyrimidine Derivatives. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 640-654.	0.4	2
40	Development and optimisation of hepatitis B recombinant antigen loaded chitosan nanoparticles as an adjuvant using the response surface methodology. <i>Micro and Nano Letters</i> , 2020, 15, 736-741.	0.6	2
41	Phosphosilicate nanosheets for supported palladium nanoparticles as a novel nanocatalyst. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 76-86.	2.2	5
42	New classes of carbazoles as potential multi-functional anti-Alzheimer's agents. <i>Bioorganic Chemistry</i> , 2019, 91, 103164.	2.0	14
43	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
44	Sericin grafted multifunctional curcumin loaded fluorinated graphene oxide nanomedicines with charge switching properties for effective cancer cell targeting. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118791.	2.6	28
45	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
46	Theranostic $\alpha$ -Lactalbumin-Polymer-Based Nanocomposite as a Drug Delivery Carrier for Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5189-5208.	2.6	14
47	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. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 64-72.	1.9	25
48	Performance evaluation of graphene oxide coated on cotton fibers in removal of humic acid from aquatic solutions. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 894-902.	1.2	28
49	Statistical optimization of cultural medium composition of thermoalkalophilic lipase produced by a chemically induced mutant strain of <i>Bacillus atrophaeus</i> FSHM2. <i>3 Biotech</i> , 2019, 9, 268.	1.1	2
50	Aminoalkyl-substituted flavonoids: synthesis, cholinesterase inhibition, $\beta$ -amyloid aggregation, and neuroprotective study. <i>Medicinal Chemistry Research</i> , 2019, 28, 974-983.	1.1	9
51	Base-free green synthesis of copper(II) oxide nanoparticles using highly cross-linked poly(curcumin) nanospheres: synergistically improved antimicrobial activity. <i>Research on Chemical Intermediates</i> , 2019, 45, 4449-4462.	1.3	14
52	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
53	$\alpha$ -Aryl Coumarin Derivatives Bearing Aminoalkoxy Moiety as Multi-Target-Directed Ligands against Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800436.	1.0	11
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Poly(Acrolein-co- $\beta$ -Cyclodextrin) Functionalized Magnetic Nanoparticles for Selective CD45-Positive Cells Capturing. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 655-663.	0.9	3
58	Synthesis and biological evaluation of new N-benzylpyridinium-based benzoheterocycles as potential anti-Alzheimer's agents. <i>Bioorganic Chemistry</i> , 2019, 83, 559-568.	2.0	27
59	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
60	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
61	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
62	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
63	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
64	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
65	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. <i>ChemCatChem</i> , 2018, 10, 1542-1546.	1.8	23
66	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
67	Optimization of the synthesis and operational parameters for NOM removal with response surface methodology during nano-composite membrane filtration. <i>Water Science and Technology</i> , 2018, 77, 1558-1569.	1.2	3
68	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
69	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. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 230-240.	1.9	27
70	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
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	A selective colorimetric and fluorescence chemosensing sensor for Cr <sup>3+</sup> based on a rhodamine base derivative. <i>Research on Chemical Intermediates</i> , 2018, 44, 5031-5042.	1.3	10
75	Synthesis, Thermal and Combustion Properties of New Polyamide/Amidoacid@Fe <sub>3</sub> O <sub>4</sub> Nanocomposite. <i>Advances in Polymer Technology</i> , 2018, 37, 559-565.	0.8	7
76	Synthesis of Magnetic Fe <sub>3</sub> O <sub>4</sub> @polyethyleneimine.Mn(II) from Fe <sub>3</sub> O <sub>4</sub> , [3-(2,3-Epoxypropoxy)propyl]trimethoxysilane, Polyethyleneimine and Mn(II) Acetate as a Novel Silicon-Containing Polymeric Organic-Inorganic Hybrid Nanomaterial and Its Catalytic Investigation Towards the Oxidation of Cyclohexene, Ethyl Benzene and Toluene in the Presence of H <sub>2</sub> O <sub>2</sub> . <i>Silicon</i> , 2018, 10, 257-265.	1.8	13
77	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
78	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. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4123.	1.7	24
79	Synthesis of 3-Acyloxylindolines under mild conditions using tripolyphosphate-grafted KCC-1-NH <sub>2</sub> . <i>Microporous and Mesoporous Materials</i> , 2018, 257, 147-153.	2.2	28
80	Novel approach to improve vaccine immunogenicity: Mannosylated chitosan nanoparticles loaded with recombinant hepatitis B antigen as a targeted vaccine delivery system. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 19-26.	1.4	14
81	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
82	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
83	Synthesis of N-[(2-hydroxyethoxy)carbonyl]glycine from carbon dioxide, ethylene oxide, and L-amino acid by ionic gelation of sodium tripolyphosphate (TPP) and spirulina supported on magnetic KCC-1 in aqueous solution. <i>New Journal of Chemistry</i> , 2018, 42, 10153-10160.	1.4	4
84	Selective removal of mercury(II) from water using a 2,2-dithiodisalicic acid-functionalized graphene oxide nanocomposite: Kinetic, thermodynamic, and reusability studies. <i>Journal of Molecular Liquids</i> , 2018, 265, 189-198.	2.3	21
85	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
86	Synthesis, docking study, and biological evaluation of novel umbelliferone/hymecromone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors. <i>Medicinal Chemistry Research</i> , 2018, 27, 1741-1747.	1.1	16
87	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
88	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
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	Enhancement Antimicrobial Activity of Clarithromycin by Amine Functionalized Mesoporous Silica Nanoparticles as Drug Delivery System. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 787-795.	0.4	14
92	Copper nanocluster-enhanced luminol chemiluminescence for high-selectivity sensing of tryptophan and phenylalanine. <i>Luminescence</i> , 2017, 32, 1045-1050.	1.5	22
93	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
94	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
95	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
96	<i>Journal of Chemical Research</i> , 2017, 41, 120-123.	0.6	5
97	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
98	Facile synthesis and antiproliferative activity of 7H-benzo[7,8]chromeno[2,3-d]pyrimidin-8-amines. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 128-136.	2.6	12
99	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
100	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
101	A transition-metal-free fast track to flavones and 3-arylcoumarins. <i>Chemical Communications</i> , 2017, 53, 10676-10679.	2.2	20
102	Decolorization of Direct Blue 71 solutions using tannic acid/polysulfone thin film nanofiltration composite membrane; preparation, optimization and characterization of anti-fouling. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2342-2353.	1.2	11
103	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
104	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
105	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
106	Efficient multicomponent synthesis of 1,2,3-triazoles catalyzed by Cu(II) supported on PEI@Fe <sub>3</sub> O <sub>4</sub> MNPs in a water/PEG <sub>300</sub> system. <i>Turkish Journal of Chemistry</i> , 2017, 41, 294-307.	0.5	13
107	Coumarin derivatives bearing benzoheterocycle moiety: synthesis, cholinesterase inhibitory, and docking simulation study. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 631-638.	1.0	7
108	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

#	ARTICLE	IF	CITATIONS
109	Preparation and Characterization of Modified Polyethyleneimine Magnetic Nanoparticles for Cancer Drug Delivery. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-6.	1.5	13
110	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
111	Synthesis of Novel 6-Mercapto-1,2-phenethyl-quinazolino[3,4-a]quinazolinones. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1595-1602.	1.4	4
112	Preparation and Characterization of MCM@PEI-Mn as a New Organic-Inorganic Hybrid Nanomaterial and Study of its Catalytic Role in the Oxidation of Cyclohexene, Ethyl Benzene, and Toluene in the Presence of H <sub>2</sub> O <sub>2</sub> as an Oxidant. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 529-537.	1.0	8
113	β-cyclodextrin functionalized poly (5-amidoisophthalic acid) grafted Fe <sub>3</sub> O <sub>4</sub> 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
114	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
115	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
116	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
117	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
118	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
119	Novel pH-responsive multilayer magnetic nanoparticles for controlled drug delivery. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1653-1666.	1.2	3
120	Performance evaluation of montmorillonite and modified montmorillonite by polyethyleneimine in removing arsenic from water resources. <i>Desalination and Water Treatment</i> , 2016, 57, 21645-21653.	1.0	3
121	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
122	Glycosylated Gadolinium as Potential Metabolic Contrast Agent vs Gd-DTPA for Metabolism of Tumor Tissue in Magnetic Resonance Imaging. <i>Applied Magnetic Resonance</i> , 2016, 47, 375-385.	0.6	5
123	Correlation of Signal Intensity and ICP/OES-Related Concentration of Gadolinium-based Nanomagnetic Particles in Molecular MRI: In Vitro Study. <i>Applied Magnetic Resonance</i> , 2016, 47, 77-86.	0.6	3
124	9-Hydroxy-1H-Indole-3-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
125	Synthesis and Anticholinergic Activity of 4-Hydroxycoumarin Derivatives Containing Substituted Benzyl-1,2,3-triazole Moiety. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1215-1220.	1.5	42
126	Efficient C-C cross-coupling reactions by (isatin)-Schiff base functionalized magnetic nanoparticle-supported Cu(II) acetate as a magnetically recoverable catalyst. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1232-1246.	0.5	10

#	ARTICLE	IF	CITATIONS
127	A one-pot domino C-H, C-C activation in coumarins: a fast track to 2,3-diaryl benzo[ <i>b</i> ]furans. <i>Chemical Communications</i> , 2015, 51, 11713-11716.	2.2	27
128	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
129	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
130	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
131	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
132	Gadolinium Labeled Glycosylated Nanomagnetic Particles as Metabolic Contrast Agents in Molecular Magnetic Resonance Imaging. <i>IFMBE Proceedings</i> , 2015, , 119-122.	0.2	0
133	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
134	Turn-on fluorescent chemosensor for determination of lutetium ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1231-1234.	2.0	11
135	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
136	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
137	New tetracyclic tacrine analogs containing pyrano[2,3- <i>c</i> ]pyrazole: Efficient synthesis, biological assessment and docking simulation study. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 296-303.	2.6	70
138	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
139	Polyethyleneimine-modified superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles: An efficient, reusable and water tolerance nanocatalyst. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 375, 217-226.	1.0	61
140	DNA methylation detection by a novel fluorimetric nanobiosensor for early cancer diagnosis. <i>Biosensors and Bioelectronics</i> , 2014, 60, 35-44.	5.3	72
141	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
142	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
143	Green and Catalyst-Free One-Pot Synthesis of Anthranilamide Schiff Bases: An Approach Toward Sirtinol. <i>Synthetic Communications</i> , 2014, 44, 665-673.	1.1	10
144	Synthesis of Novel 4H-Chromenes Containing a Pyrimidine-2-Thione Function in the Presence of Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles and Study of Their Antioxidant Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1586-1595.	0.8	5

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Indolinone-based acetylcholinesterase inhibitors: Synthesis, biological activity and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 375-381.	2.6	73
148	Efficient Solvent-Free Synthesis of Benzothiazine-Fused Pyrrolo[3,4 <i>c</i> ]coumarins: Cycloaddition Reactions between Coumarin-Based Dihydrobenzothiazoles and Isocyanides. <i>Helvetica Chimica Acta</i> , 2014, 97, 847-853.	1.0	11
149	Synthesis and anti-cholinesterase activity of new 7-hydroxycoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 536-544.	2.6	69
150	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
151	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
152	Design, synthesis, biological evaluation and docking study of 5-oxo-4,5-dihydropyrano[3,2- <i>c</i> ]chromene derivatives as acetylcholinesterase and butyrylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 260-269.	2.6	91
153	Design, synthesis, docking study and biological evaluation of some novel tetrahydrochromeno [3,4 <i>e</i> :5,6]pyrano[2,3- <i>b</i> ]quinolin-6(7H)-one derivatives against acetyl- and butyrylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 291-300.	2.6	50
154	Synthesis of Some New 3-Coumaranone and Coumarin Derivatives as Dual Inhibitors of Acetyl- and Butyrylcholinesterase. <i>Archiv Der Pharmazie</i> , 2013, 346, 577-587.	2.1	27
155	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
156	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 144-151.	1.2	24
157	Polyacrolein/mesoporous silica nanocomposite: Synthesis, thermal stability and covalent lipase immobilization. <i>Materials Chemistry and Physics</i> , 2013, 143, 76-84.	2.0	19
158	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
159	Palladium catalyzed dehydrogenative arylation of coumarins: an unexpected switch in regioselectivity. <i>Chemical Communications</i> , 2013, 49, 10935.	2.2	54
160	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
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	Dicyano(7-methyl-2-oxo-1H-dibenzo[ <i>b</i> , <i>d</i> ]pyran-9-yl)methanide Salts via a Multicomponent Reaction. <i>Helvetica Chimica Acta</i> , 2013, 96, 906-918.	1.0	8
164	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
165	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
166	Palladium-catalyzed domino protodecarboxylation/oxidative Heck reaction: regioselective arylation of coumarin-3-carboxylic acids. <i>Tetrahedron</i> , 2013, 69, 11164-11168.	1.0	14
167	A Clean Synthesis of Novel 3-Alkoxy-2-(benzofuran-3-yl)benzofurans via a One-pot Pseudo Three-component Reaction using H <sub>3</sub> PWO <sub>4</sub> ·xH <sub>2</sub> O as a Catalyst. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 165-170.	0.3	0
168	Synthesis of functionalized furo[3,2- <i>c</i> ]coumarins via a one-pot oxidative pseudo three-component reaction in poly(ethylene glycol). <i>Tetrahedron</i> , 2012, 68, 6721-6726.	1.0	59
169	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
170	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
171	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
172	One-pot synthesis of 4H-benzo[ <i>b</i> ]pyrans and dihydropyrano[ <i>c</i> ]chromenes using inorganic-organic hybrid magnetic nanocatalyst in water. <i>Journal of Molecular Catalysis A</i> , 2012, 359, 74-80.	4.8	124
173	Efficient microwave-assisted synthesis of 3-benzothiazolo and 3-benzothiazolino coumarin derivatives catalyzed by heteropoly acids. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 1036-1042.	1.2	27
174	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
175	Facile and efficient synthesis of functionalized iminothiopyran and isothiochromen via one-pot multicomponent reactions. <i>Molecular Diversity</i> , 2011, 15, 35-40.	2.1	10
176	Synthesis of novel 2-(2-methylsulfonyl-1-methyl-1H-imidazol-5-yl)-5-(alkylsulfonyl)-1,3,4-thiadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 454-457.	1.4	5
177	Isocyanide-based three-component synthesis of functionalized 5-alkylimino-2,5-dihydrofuran-3,4-dicarboxylate and their conversion to substituted furanones. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 626-633.	1.4	2
178	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
179	Silica Gel Promotes Cascade Synthesis of 2-(Heteroaryl)acetamide Derivatives from Isocyanides, Dialkylamines, and Heteroarylcarbaldehydes. <i>Synthetic Communications</i> , 2011, 41, 1444-1454.	1.1	13
180	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 <i>1,3</i> -iminolactone Derivatives. <i>Helvetica Chimica Acta</i> , 2010, 93, 2033-2036.	1.0	62

#	ARTICLE	IF	CITATIONS
181	Isochailactone analogues: Synthesis and anti-proliferative activity of novel dibenzylbutyrolactones. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5979-5984.	2.6	35
182	Triphenylphosphine-Catalyzed Preparation of Sterically Congested, Electron-Poor <i>N</i> -Vinylimidazole Derivatives from Acetylenic Esters and Imidazole-Containing NH-Acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 2489-2495.	0.8	5
183	( <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. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 2496-2502.	0.8	23
184	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
185	Differential dose volume histograms of Gamma Knife in the presence of inhomogeneities using MRI polymer gel dosimetry and MC simulation. <i>Medical Physics</i> , 2009, 36, 3002-3012.	1.6	9
186	(P <sub>2</sub> O <sub>5</sub> /SiO <sub>2</sub> ): a useful heterogeneous alternative for the Ritter reaction. <i>Tetrahedron Letters</i> , 2007, 48, 3643-3646.	0.7	61
187	Enhanced Photodynamic Suppression of <i>Enterococcus faecalis</i> Using Curcumin-Loaded Zeolite. <i>Journal of Cluster Science</i> , 0, , 1.	1.7	0
188	Modeling mercury (II) removal at ultra-low levels from aqueous solution using graphene oxide functionalized with magnetic nanoparticles: optimization, kinetics, and isotherm studies. , 0, 83, 144-158.		7
189	Novel Coumarin-Pyridine Hybrids as Potent Multi-Target Directed Ligands Aiming at Symptoms of Alzheimer's Disease. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	5