

# Ali Ramazani

## List of Publications by Year in descending order

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Version: 2024-02-01

296  
papers

7,505  
citations

61687

45  
h-index

116156

66  
g-index

299  
all docs

299  
docs citations

299  
times ranked

7652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environment-friendly synthesis of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> magnetic nanoparticles using <i>Plantago major</i> and its applications as an efficient and rapid adsorbent for removal of reactive blue 21 dye. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1530-1549.	1.8	2
2	Screening of honey bee pollen constituents against COVID-19: an emerging hot spot in targeting SARS-CoV-2-ACE-2 interaction. <i>Natural Product Research</i> , 2023, 37, 974-980.	1.0	5
3	In Silico Screening of Some Anti-Cancer Drugs Against the Main Protease of COVID-19 Using Molecular Docking. <i>Letters in Organic Chemistry</i> , 2023, 20, 77-90.	0.2	2
4	Metabolomics approach to study in vivo toxicity of graphene oxide nanosheets. <i>Journal of Applied Toxicology</i> , 2022, 42, 506-515.	1.4	6
5	In silico evaluation of COVID-19 main protease interactions with honeybee natural products for discovery of high potential antiviral compounds. <i>Natural Product Research</i> , 2022, 36, 4254-4260.	1.0	9
6	Proline-Cu Complex Based 1,3,5-Triazine Coated on Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles: A Nanocatalyst for the Knoevenagel Condensation of Aldehyde with Malononitrile. <i>ACS Applied Nano Materials</i> , 2022, 5, 1783-1797.	2.4	44
7	Two-step synthesized sulfonic acid functionalized imidazolium thiocyanate solid acid catalyst for thiocyanation of various electron rich arenes by metal-free method in water. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2022, 197, 1016-1025.	0.8	5
8	In Vitro Antibacterial Activity Study of Doxycycline/Polymethacrylic Acid Coated Silk Suture. <i>Fibers and Polymers</i> , 2022, 23, 651-657.	1.1	1
9	Ultrasound-assisted pseudohomogeneous tungstate catalyst for selective oxidation of alcohols to aldehydes. <i>Scientific Reports</i> , 2022, 12, 3367.	1.6	9
10	Synthesis of Graphene Oxide/Iron Oxide/Au Nanocomposite for Quercetin Delivery. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1541-1550.	1.9	13
11	Magnetic Silica-Coated Picolylamine Copper Complex [Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /GP/Picolylamine-Cu(II)]-Catalyzed Biginelli Annulation Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 992-1010.	1.9	51
12	Proteochemometrics modeling for prediction of the interactions between caspase isoforms and their inhibitors. <i>Molecular Diversity</i> , 2022, , 1.	2.1	0
13	Phytochemical Profiling of <i>Ephedra alata</i> subsp. <i>alenda</i> Seeds by High-Performance Liquid Chromatography-Electrospray Ionization-Quadrupole-Time-of-Flight-Mass Spectrometry (HPLC-ESI-QTOF-MS), Molecular Docking, and Antioxidant, Anti-diabetic, and Acetylcholinesterase Inhibition. <i>Analytical Letters</i> , 2022, 55, 2450-2466.	1.0	11
14	Design and Preparation of Copper(II)-Mesalamine Complex Functionalized on Silica-Coated Magnetite Nanoparticles and Study of Its Catalytic Properties for Green and Multicomponent Synthesis of Highly Substituted 4-H-Chromenes and Pyridines. <i>ACS Omega</i> , 2022, 7, 14972-14984.	1.6	7
15	A novel synthesised sulphonylhydrazone coumarin (E)-4-methyl-1-(3-oxo-3H-benzof[chromen-2-ylidene]ethylidene)quinoline-2-carboxamide in rats by attenuating oxidative damage, biological changes and electrocardiogram. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 1010-1026.	0.9	3
16	The effect of Cu-BTC metal-organic framework (MOF) in mixed matrix membranes on permeability and separation of carbon dioxide and methane. <i>Polymer Bulletin</i> , 2021, 78, 6953-6968.	1.7	3
17	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
18	pH-sensitive curcumin conjugated micelles for tumor triggered drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 320-336.	1.9	32

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19	Decoration of maleic/acrylic acid onto CoFe <sub>2</sub> O <sub>4</sub> as a high-performance nanosorbent for the removal of lead(II) and cadmium(II) from environmental samples. <i>Separation Science and Technology</i> , 2021, 56, 2036-2046.	1.3	1
20	Ag-Pd Alloy Immobilized on Semi-heterogeneous Support as a Novel Highly Efficient Artificial Nitroreductase: Experimental Design Optimization and Kinetic Study. <i>Catalysis Letters</i> , 2021, 151, 1262-1272.	1.4	7
21	A novel approach toward thioester bond formation mediated by <i>N,N</i> -diisopropylcarbodiimide in water. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 6-12.	0.8	3
22	Pseudohomogeneous metallic catalyst based on tungstate-decorated amphiphilic carbon quantum dots for selective oxidative scission of alkenes to aldehyde. <i>Scientific Reports</i> , 2021, 11, 4411.	1.6	30
23	A review on the syntheses of Dronabinol and Epidiolex as classical cannabinoids with various biological activities including those against SARS-COV2. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2517-2534.	1.2	5
24	A Novel Mesoporous Superparamagnetic Hybrid Silica/Hydroxyapatite Nanocomposite as MRI Contrast Agent. <i>ChemNanoMat</i> , 2021, 7, 284-291.	1.5	12
25	Repositioning therapeutics for COVID-19: virtual screening of the potent synthetic and natural compounds as SARS-CoV-2 3CLpro inhibitors. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2807-2827.	1.2	5
26	Industrial oriented approach on fullerene preparation methods. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108442.	1.8	16
27	Nanotechnology against the novel coronavirus (severe acute respiratory syndrome coronavirus-2): diagnosis, treatment, therapy and future perspectives. <i>Nanomedicine</i> , 2021, 16, 497-516.	1.7	61
28	Syntheses and Antitumor Properties of Furoxan Derivatives. <i>Current Organic Chemistry</i> , 2021, 25, 757-778.	0.9	3
29	A robust polyfunctional Pd(II)-based magnetic amphiphilic nanocatalyst for the Suzuki-Miyaura coupling reaction. <i>Scientific Reports</i> , 2021, 11, 10239.	1.6	14
30	Isoquinolinium-sulfonic acid thiocyanate/H <sub>2</sub> O <sub>2</sub> as efficient reagent for thiocyanation of <i>N</i> -bearing (hetero)aromatic compounds. <i>Journal of Sulfur Chemistry</i> , 2021, 42, 575-590.	1.0	13
31	The protective effects of <i>Ziziphora tenuior</i> L. against chlorpyrifos induced toxicity: Involvement of inflammatory and cell death signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021, 272, 113959.	2.0	10
32	Enhancement of the brain delivery of methotrexate with administration of mid-chain ester prodrugs: In vitro and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120479.	2.6	17
33	Chromone derivatives bearing pyridinium moiety as multi-target-directed ligands against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2021, 110, 104750.	2.0	20
34	Inulin-Coated Iron Oxide Nanoparticles: A Theranostic Platform for Contrast-Enhanced MR Imaging of Acute Hepatic Failure. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2701-2715.	2.6	13
35	Recent advances in targeting malaria with nanotechnology-based drug carriers. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 807-823.	1.1	15
36	Highly Sensitive Colorimetric Naked-Eye Detection of Hg <sup>II</sup> Using a Sacrificial Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2021, 60, 13588-13595.	1.9	8

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37	Design of a Schiff Base Complex of Copper Coated on Epoxy-Modified Core-Shell MNPs as an Environmentally Friendly and Novel Catalyst for the One-Pot Synthesis of Various Chromene-Annulated Heterocycles. <i>ACS Omega</i> , 2021, 6, 25608-25622.	1.6	58
38	Magnetic Nanoparticles Functionalized with Copper Hydroxyproline Complexes as an Efficient, Recoverable, and Recyclable Nanocatalyst: Synthesis and Its Catalytic Application in a Tandem Knoevenagel-Michael Cyclocondensation Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 15010-15023.	1.9	25
39	Grinding Synthesis of 2-Amino-4H-benzopyran Derivatives Catalyzed By Highly Efficient GPTMS/Guanidine Protected Magnetic Nanoparticles**. <i>ChemistrySelect</i> , 2021, 6, 11362-11374.	0.7	11
40	Synthesis of physically crosslinked PAM/CNT flakes nanocomposite hydrogel films via a destructive approach. <i>RSC Advances</i> , 2021, 11, 39095-39107.	1.7	5
41	Green synthesis of Zn <sub>0.5</sub> Ni <sub>0.5</sub> AlFeO <sub>4</sub> magnetic nanoparticles and investigation of their photocatalytic activity for degradation of reactive blue 21 dye. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2760-2770.	1.2	42
42	Prevalence of Parvovirus B19 Infection by Serology and PCR in Pregnant Women Referring to Obstetrics and Gynecology Clinic. <i>Journal of the National Medical Association</i> , 2020, 112, 91-96.	0.6	7
43	Synthesis, Single Crystal X-ray Structure Analysis and Computational Electronic Structure Investigations of 2-amino-7,7-dimethyl-4-(4-(methylthio)phenyl)-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile. <i>Journal of Chemical Crystallography</i> , 2020, 50, 99-113.	0.5	0
44	pH-triggered prodrug micelles for cisplatin delivery: Preparation and In Vitro/Vivo evaluation. <i>Reactive and Functional Polymers</i> , 2020, 146, 104399.	2.0	19
45	Ultrasonic-assisted synthesis of the nanostructures of a Co(II) metal organic framework as a highly sensitive fluorescence probe of phenol derivatives. <i>Ultrasonics Sonochemistry</i> , 2020, 62, 104862.	3.8	38
46	4-Oxobenzod[1,2,3-triazin-pyridinium-phenylacetamide derivatives as new anti-Alzheimer agents: design, synthesis, in vitro evaluation, molecular modeling, and molecular dynamic study. <i>Structural Chemistry</i> , 2020, 31, 999-1012.	1.0	6
47	Anticancer DOX delivery system based on CNTs: Functionalization, targeting and novel technologies. <i>Journal of Controlled Release</i> , 2020, 327, 198-224.	4.8	50
48	Simple and Efficient Synthesis of Guanidine-Based Magnetic Nanocatalyst for the One-Pot, Four-Component Synthesis of Polyhydroquinolines in Water. <i>ChemistrySelect</i> , 2020, 5, 8415-8420.	0.7	16
49	Emerging insights on drug delivery by fatty acid mediated synthesis of lipophilic prodrugs as novel nanomedicines. <i>Journal of Controlled Release</i> , 2020, 326, 556-598.	4.8	49
50	Synthesis of Al <sub>2</sub> O <sub>3</sub> /ZrO <sub>2</sub> Nanocomposite and the Study of Its effects on Photocatalytic Degradation of Reactive Blue 222 and Reactive Yellow 145 Dyes. <i>ChemistrySelect</i> , 2020, 5, 9966-9973.	0.7	11
51	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
52	Metal-based Lewis acid catalysts for conversion of a variety of aldehydes with acetic anhydride to gem 1,1-diacetates. <i>Research on Chemical Intermediates</i> , 2020, 46, 3757-3799.	1.3	6
53	Synthesis, cytotoxic assessment, and molecular docking studies of 2,6-diaryl-substituted pyridine and 3,4-dihydropyrimidine-2(1H)-one scaffolds. <i>Turkish Journal of Chemistry</i> , 2020, 44, 194-213.	0.5	19
54	Amphiphilic Carbon Quantum Dots as a Bridge to a Pseudohomogeneous Catalyst for Selective Oxidative Cracking of Alkenes to Aldehydes: A Nonmetallic Oxidation System. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31360-31371.	4.0	22

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55	In vitro immunobiological assays of methotrexate-stearic acid conjugate in human PBMCs. <i>Immunobiology</i> , 2020, 225, 151984.	0.8	3
56	Optical detection of cyanide by palladium(II)-dithiazolopyridine probe at the parts per billion level. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 620-627.	0.8	10
57	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
58	Size and function influence study on enhanced catalytic performance of a cooperative MOF for mild, green and fast C=C bond formation. <i>Dalton Transactions</i> , 2020, 49, 3234-3242.	1.6	19
59	Green sol-gel synthesis of CoMnCrO <sub>4</sub> spinel nanoparticles and their photocatalytic application. <i>Micro and Nano Letters</i> , 2020, 15, 674-677.	0.6	54
60	Syntheses and Biological Activities of triazole-based Sulfonamides. <i>Current Organic Chemistry</i> , 2020, 23, 2319-2349.	0.9	10
61	Modern Catalysts in A <sup>3</sup> -Coupling Reactions. <i>Current Organic Chemistry</i> , 2020, 23, 2783-2801.	0.9	12
62	Distribution of Staphylococcal cassette chromosome mecA (SCCmec) types among coagulase-negative isolates from healthcare workers in the North-West of Iran. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1489-1493.	1.0	1
63	Application of Readily Available Metals for C-H Activation. <i>Current Organic Chemistry</i> , 2020, 24, 1582-1609.	0.9	6
64	NMR-based plasma metabolic profiling in patients with unstable angina. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 311-320.	1.0	2
65	Tetramethylguanidine-Functionalized Fe <sub>3</sub> O <sub>4</sub> /Chloro-Silane Core-Shell Nanoparticles: an Efficient Heterogeneous and Reusable Organocatalyst for Aldol Reaction. <i>Silicon</i> , 2019, 11, 1441-1450.	1.8	21
66	Imidazole-Functionalized Fe <sub>3</sub> O <sub>4</sub> /Chloro-Silane Core-Shell Nanoparticles: an Efficient Heterogeneous Organocatalyst for Esterification Reaction. <i>Silicon</i> , 2019, 11, 1745-1754.	1.8	21
67	Synthesis of bio-based internal and external crosslinkers based on tannic acid for preparation of antibacterial superabsorbents. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2894-2905.	1.6	37
68	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
69	Zeolite-Based Catalysts: A Valuable Approach toward Ester Bond Formation. <i>Catalysts</i> , 2019, 9, 758.	1.6	40
70	Pt(II)-Based Artificial Nitroreductase: An Efficient and Highly Stable Nanozyme. <i>ChemistrySelect</i> , 2019, 4, 1387-1393.	0.7	5
71	Sulfonic Acid-Functionalized Silica-Coated Magnetic Nanoparticles as a Reusable Catalyst for the Preparation of Pyrrolidinone Derivatives Under Eco-Friendly Conditions. <i>Silicon</i> , 2019, 11, 2933-2943.	1.8	21
72	Effect of incorporating <i>Elaeagnus angustifolia</i> extract in PCL-PEG-PCL nanofibers for bone tissue engineering. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 108-119.	2.3	42

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73	Heteroaromatic Aldehydes with Unprecedented Catalytic Performance in Selective Radical Reactions: Synthesis of $\beta$ -Aminophosphonate Scaffolds. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1519-1527.	1.3	5
74	Novel Environmentally Friendly Superabsorbent Hydrogel Hybrids from Synthesized Star-Shaped Bio-based Monomers and Acrylic Acid. <i>Journal of Polymers and the Environment</i> , 2019, 27, 1988-2000.	2.4	13
75	Magnetic cobalt ferrite nanoparticles functionalized with citric acid as a green nanocatalyst for one-pot three-component sonochemical synthesis of substituted 3-pyrrolin-2-ones. <i>Research on Chemical Intermediates</i> , 2019, 45, 5007-5025.	1.3	23
76	Design, synthesis, and biological evaluation of novel 4-oxobenzo[d]1,2,3-triazin-benzylpyridinium derivatives as potent anti-Alzheimer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2914-2922.	1.4	8
77	Metabolomics in early detection and prognosis of acute coronary syndrome. <i>Clinica Chimica Acta</i> , 2019, 495, 43-53.	0.5	30
78	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
79	An overview of carbon nanotubes role in heavy metals removal from wastewater. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 274-295.	2.3	56
80	Green synthesis and characterisation of ZnMn $\text{O}_4$ nanoparticles for photocatalytic degradation of Congo red dye and kinetic study. <i>Micro and Nano Letters</i> , 2019, 14, 986-991.	0.6	66
81	Vinylphosphonium Salt-Mediated Reactions: A One-Pot Condensation Approach for the Highly <i>cis</i> -Selective Synthesis of <i>N</i> -Benzoylaziridines and the Green Synthesis of 1,4,2-Dioxazoles as Two Important Classes of Heterocyclic Compounds. <i>Organic Letters</i> , 2019, 21, 22-26.	2.4	52
82	Optimized Production and Biological Evaluation of $^{68}\text{Ga}$ -PDTMP as a New Agent for PET Bone Scanning. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2019, 50, 142-148.	0.2	3
83	The synthesis and incorporation of a star-shaped bio-based modifier in the acrylic acid based superabsorbent: a strategy to enhance the absorbency under load. <i>Polymer-Plastics Technology and Materials</i> , 2019, 58, 1678-1690.	0.6	12
84	Fabrication and characterization of novel ethyl cellulose-grafted-poly ( $\epsilon$ -caprolactone)/alginate nanofibrous/macroporous scaffolds incorporated with nano-hydroxyapatite for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2019, 33, 1128-1144.	1.2	44
85	Synthesis of 2-amino-4,6-diaryl nicotinonitrile in the presence of $\text{CoFe}_2\text{O}_4@\text{SiO}_2\text{-SO}_3\text{H}$ as a reusable solid acid nanocatalyst under microwave irradiation in solvent-free conditions. <i>Silicon</i> , 2019, 11, 2169-2176.	1.8	17
86	Recent Advances in the Applications of Hybrid Magnetic Nanomaterials as Magnetically Retrievable Nanocatalysts. <i>Current Organic Chemistry</i> , 2019, 23, 136-163.	0.9	14
87	An Overview of the Chemistry and Pharmacological Potentials of Furanones Skeletons. <i>Current Organic Chemistry</i> , 2019, 23, 1581-1599.	0.9	12
88	pH-Sensitive Magnetite Nanoparticles Modified with Hyperbranched Polymers and Folic Acid for Targeted Imaging and Therapy. <i>Current Drug Delivery</i> , 2019, 16, 839-848.	0.8	19
89	In vivo Antiplasmodial Activity of Curcumin-Loaded Nanostructured Lipid Carriers. <i>Current Drug Delivery</i> , 2019, 16, 923-930.	0.8	27
90	Simultaneous Estimation and Validation of Tenofovir Disoproxil Fumarate, Emtricitabine and Efavirenz by RP-HPLC Method in Combined tablet Dosage Form. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 561-567.	0.3	19

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91	Green synthesis of amorphous and gamma aluminum oxide nanoparticles by tragacanth gel and comparison of their photocatalytic activity for the degradation of organic dyes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8347-8353.	1.1	59
92	Synthesis and <i>in vitro</i> evaluation of thermosensitive hydrogel scaffolds based on (PNIPAAm-PCL-PEG-PCL-PNIPAAm)/Gelatin and (PCL-PEG-PCL)/Gelatin for use in cartilage tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1185-1206.	1.9	62
93	Highly Efficient Aqueous Synthesis of Propargylamines through C-H Activation Catalyzed by Magnetic Organosilica-Supported Gold Nanoparticles as an Artificial Metalloenzyme. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2589-2598.	1.0	26
94	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
95	Au(III) complexes loaded pH-responsive magnetic nanogels for cancer therapy. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4303.	1.7	14
96	A novel sol-gel synthesis and characterization of MgFe <sub>2</sub> O <sub>4</sub> @Al <sub>2</sub> O <sub>3</sub> magnetic nanoparticles using tragacanth gel and its application as a magnetically separable photocatalyst for degradation of organic dyes under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 6702-6710.	1.1	41
97	Green Synthesis of Zinc Oxide and Copper Oxide Nanoparticles Using Aqueous Extract of Oak Fruit Hull (Jaft) and Comparing Their Photocatalytic Degradation of Basic Violet 3. <i>International Journal of Environmental Research</i> , 2018, 12, 29-37.	1.1	150
98	Synthesis, characterization and <i>in vivo</i> evaluation of cadmium telluride quantum dots toxicity in mice by toxicometabolomics approach. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 539-546.	1.3	13
99	In silico analysis of a few dietary phytochemicals as potential tumor chemo-sensitizers. <i>Structural Chemistry</i> , 2018, 29, 1139-1151.	1.0	3
100	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
101	Synthesis and Characterization of the First Generation of Polyamino-Ester Dendrimer-Grafted Magnetite Nanoparticles from 3-Aminopropyltriethoxysilane (APTES) via the Convergent Approach. <i>Silicon</i> , 2018, 10, 595-601.	1.8	20
102	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
103	Plant-mediated synthesis of zinc oxide and copper oxide nanoparticles by using <i>ferulago angulata</i> (schlecht) boiss extract and comparison of their photocatalytic degradation of Rhodamine B (RhB) under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1333-1340.	1.1	132
104	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
105	The first protection-free synthesis of magnetic bifunctional L-proline as a highly active and versatile artificial enzyme: Synthesis of imidazole derivatives. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 222-232.	5.0	73
106	Preparation and <i>in vivo</i> evaluation of anti-plasmodial properties of artemisinin-loaded PCL-PEG-PCL nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 911-920.	1.1	32
107	Chemo-selective reduction of nitro and nitrile compounds using Ni nanoparticles immobilized on hyperbranched polymer-functionalized magnetic nanoparticles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3975.	1.7	22
108	Enhanced anticancer potency by thermo/pH-responsive PCL-based magnetic nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 277-308.	1.9	18

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109	Biosynthesis of Ag, ZnO and bimetallic Ag/ZnO alloy nanoparticles by aqueous extract of oak fruit hull (Jaft) and investigation of photocatalytic activity of ZnO and bimetallic Ag/ZnO for degradation of basic violet 3 dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 2806-2814.	1.1	79
110	Tetramethylguanidine-functionalized silica-coated iron oxide magnetic nanoparticles catalyzed one-pot three-component synthesis of furanone derivatives. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	11
111	Preparation and characterization of curcumin loaded gold/graphene oxide nanocomposite for potential breast cancer therapy. <i>Research on Chemical Intermediates</i> , 2018, 44, 7891-7904.	1.3	17
112	Pt(II) complexes immobilized on polymer-modified magnetic carbon nanotubes as a new platinum drug delivery system. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4401.	1.7	7
113	Synthesis, docking study, and biological evaluation of novel umbellipherone/hymecromone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors. <i>Medicinal Chemistry Research</i> , 2018, 27, 1741-1747.	1.1	16
114	Green synthesis and characterization of magnetic NiFe <sub>2</sub> O <sub>4</sub> @ZnO nanocomposite and its application for photocatalytic degradation of organic dyes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14151-14160.	1.1	40
115	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
116	Apigenin inhibits growth of the <i>Plasmodium berghei</i> and disrupts some metabolic pathways in mice. <i>Phytotherapy Research</i> , 2018, 32, 1795-1802.	2.8	13
117	A Comparison of the Effects of Silica and Hydroxyapatite Nanoparticles on Poly( $\mu$ -caprolactone)-Poly(ethylene glycol)-Poly( $\mu$ -caprolactone)/Chitosan Nanofibrous Scaffolds for Bone Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 735-750.	1.6	75
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