

Ali Ramazani

List of Publications by Year in descending order

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296
papers

7,505
citations

53789

45
h-index

102480

66
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299
all docs

299
docs citations

299
times ranked

6899
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and fabrication of porous biodegradable scaffolds: a strategy for tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1797-1825.	3.5	164
2	<i>Artemia salina</i> as a model organism in toxicity assessment of nanoparticles. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 20.	2.0	158
3	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.	2.3	150
4	Novel One-Pot, Four-Component Condensation Reaction: An Efficient Approach for the Synthesis of 2,5-Disubstituted 1,3,4-Oxadiazole Derivatives by a Ugi-4CR/aza-Wittig Sequence. <i>Organic Letters</i> , 2010, 12, 2852-2855.	4.6	145
5	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.	2.2	132
6	Design and construction of multifunctional hyperbranched polymers coated magnetite nanoparticles for both targeting magnetic resonance imaging and cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 64-73.	9.4	119
7	Green synthesis of Ni-Cu-Mg ferrite nanoparticles using tragacanth gum and their use as an efficient catalyst for the synthesis of polyhydroquinoline derivatives. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 432-439.	2.4	113
8	Anti-cancer Nitrogen-Containing Heterocyclic Compounds. <i>Current Organic Chemistry</i> , 2018, 22, 2256-2279.	1.6	111
9	Green synthesis of zinc oxide nanoparticles using arabic gum and photocatalytic degradation of direct blue 129 dye under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 13596-13601.	2.2	108
10	Synthesis of pyrrolidinone derivatives from aniline, an aldehyde and diethyl acetylenedicarboxylate in an ethanolic citric acid solution under ultrasound irradiation. <i>Green Chemistry</i> , 2016, 18, 3582-3593.	9.0	100
11	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.	5.5	91
12	Green synthesis of Ni-Cu-Zn ferrite nanoparticles using tragacanth gum and their use as an efficient catalyst for the synthesis of polyhydroquinoline derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3823.	3.5	81
13	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.	2.2	79
14	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.	3.8	78
15	Highly cadmium tolerant fungi: their tolerance and removal potential. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 19.	3.0	77
16	Ultrasonics in isocyanide-based multicomponent reactions: A new, efficient and fast method for the synthesis of fully substituted 1,3,4-oxadiazole derivatives under ultrasound irradiation. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 391-396.	8.2	77
17	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.	5.5	76
18	Green oxidation of alcohols by using hydrogen peroxide in water in the presence of magnetic Fe ₃ O ₄ nanoparticles as recoverable catalyst. <i>Green Chemistry Letters and Reviews</i> , 2014, 7, 257-264.	4.7	75

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19	A Comparison of the Effects of Silica and Hydroxyapatite Nanoparticles on Poly(μ -caprolactone)-Poly(ethylene glycol)-Poly(μ -caprolactone)/Chitosan Nanofibrous Scaffolds for Bone Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 735-750.	3.7	75
20	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.	9.4	73
21	In vitro and in vivo anti-malarial activity of <i>Boerhavia elegans</i> and <i>Solanum surattense</i> . <i>Malaria Journal</i> , 2010, 9, 124.	2.3	72
22	Improved curcumin loading, release, solubility and toxicity by tuning the molar ratio of cross-linker to β -cyclodextrin. <i>Carbohydrate Polymers</i> , 2019, 213, 70-78.	10.2	68
23	Silica-encapsulated magnetic nanoparticles: Enzyme immobilization and cytotoxic study. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1063-1069.	7.5	67
24	New advances strategies for surface functionalization of iron oxide magnetic nano particles (IONPs). <i>Research on Chemical Intermediates</i> , 2017, 43, 7423-7442.	2.7	67
25	A FACILE SYNTHETIC APPROACH TO DIMETHYL 2-ARYLAMINO-3- (TRIPHENYLPHOSPHORANYLIDENE) SUCCINATES FROM ELECTRON-POOR PRIMARY ARYLAMINES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2001, 174, 223-227.	1.6	66
26	Different biokinetics of nanomedicines linking to their toxicity; an overview. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 14.	2.0	66
27	Green synthesis and characterisation of ZnMn $\times 2$ O $\times 4$ nanoparticles for photocatalytic degradation of Congo red dye and kinetic study. <i>Micro and Nano Letters</i> , 2019, 14, 986-991.	1.3	66
28	In vitro antiplasmodial and phytochemical study of five <i>Artemisia</i> species from Iran and in vivo activity of two species. <i>Parasitology Research</i> , 2010, 107, 593-599.	1.6	65
29	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.	9.4	65
30	A novel four-component reaction for the synthesis of disubstituted 1,3,4-oxadiazole derivatives. <i>Molecular Diversity</i> , 2011, 15, 521-527.	3.9	63
31	Catalyst-free sonosynthesis of highly substituted propanamide derivatives in water. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 393-399.	8.2	63
32	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 α -iminolactone Derivatives. <i>Helvetica Chimica Acta</i> , 2010, 93, 2033-2036.	1.6	62
33	Covalent binding of hyper-activated <i>Rhizomucor miehei</i> lipase (RML) on hetero-functionalized siliceous supports. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 208-215.	7.5	62
34	Synthesis and in vitro 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.	3.5	62
35	Nanotechnology against the novel coronavirus (severe acute respiratory syndrome coronavirus-2): diagnosis, treatment, therapy and future perspectives. <i>Nanomedicine</i> , 2021, 16, 497-516.	3.3	61
36	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.	2.2	59

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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.	3.5	58
38	β-cyclodextrin functionalized poly (5-amidoisophthalic acid) grafted Fe ₃ O ₄ magnetic nanoparticles: A novel biocompatible nanocomposite for targeted docetaxel delivery. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 451-459.	2.3	56
39	An overview of carbon nanotubes role in heavy metals removal from wastewater. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 274-295.	4.4	56
40	Green sol-gel synthesis of CoMnCrO ₄ spinel nanoparticles and their photocatalytic application. <i>Micro and Nano Letters</i> , 2020, 15, 674-677.	1.3	54
41	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.	4.6	52
42	Synthesis And Single Crystal X-Ray Structure Of 2-(1,3,4-Oxadiazol-2-yl)Aniline. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 835-840.	0.7	51
43	Poly(caprolactone)-poly(ethylene glycol)-poly(caprolactone) (PCL-PEG-PCL) nanoparticles: a valuable and efficient system for in vitro and in vivo delivery of curcumin. <i>RSC Advances</i> , 2016, 6, 14403-14415.	3.6	51
44	Magnetic Silica-Coated Picolyamine Copper Complex [Fe ₃ O ₄ @SiO ₂ @GP/Picolyamine-Cu(II)]-Catalyzed Biginelli Annulation Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 992-1010.	4.0	51
45	Anticancer DOX delivery system based on CNTs: Functionalization, targeting and novel technologies. <i>Journal of Controlled Release</i> , 2020, 327, 198-224.	9.9	50
46	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.	9.9	49
47	Silica-Gel Catalyzed Stereoselective Conversion of Stabilized Phosphorus Ylides to Dialkyl (Z) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Silicon and the Related Elements, 2007, 182, 1-5.	1.6	48
48	The Reaction of (N-isocyanimino)triphenylphosphorane with Biacetyl in the Presence of Aromatic Carboxylic Acids: Efficient One-Pot Three-Component Reaction for the Synthesis of 3-(5-Aryl-1,3,4-Oxadiazol-2-yl)-2-hydroxybutan-2-one Derivatives. <i>Helvetica Chimica Acta</i> , 2011, 94, 282-288.	1.6	48
49	Design and synthesis of pH-sensitive polyamino-ester magneto-dendrimers: Surface functional groups effect on viability of human prostate carcinoma cell lines DU145. <i>European Journal of Medicinal Chemistry</i> , 2015, 98, 190-202.	5.5	47
50	Magnetic nickel ferrite nanoparticles as an efficient catalyst for the preparation of polyhydroquinoline derivatives under microwave irradiation in solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2016, 42, 2487-2500.	2.7	47
51	Three-Component Reaction of Isocyanides and 2-Formylbenzoic Acid with Dibenzylamine Catalyzed by Silica Nanoparticles under Solvent-Free Conditions. <i>Helvetica Chimica Acta</i> , 2010, 93, 2203-2209.	1.6	46
52	Novel sol-gel synthesis and characterization of superparamagnetic magnesium ferrite nanoparticles using tragacanth gum as a magnetically separable photocatalyst for degradation of reactive blue 21 dye and kinetic study. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 17002-17008.	2.2	45
53	Nanobodies As Novel Agents for Targeting Angiogenesis in Solid Cancers. <i>Frontiers in Immunology</i> , 2017, 8, 1746.	4.8	45
54	Fabrication and characterization of novel ethyl cellulose-grafted-poly (ε-caprolactone)/alginate nanofibrous/macroporous scaffolds incorporated with nano-hydroxyapatite for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2019, 33, 1128-1144.	2.4	44

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55	Proline-Cu Complex Based 1,3,5-Triazine Coated on Fe ₃ O ₄ Magnetic Nanoparticles: A Nanocatalyst for the Knoevenagel Condensation of Aldehyde with Malononitrile. ACS Applied Nano Materials, 2022, 5, 1783-1797.	5.0	44
56	One-Pot, Three-Component Synthesis of Dialkyl 1,2-Dihydroquinoline-2,3-Dicarboxylates from Triphenylphosphine, Acetylenic Esters, and Amide Derivatives of 2-Aminobenzaldehyde in Aqueous Acetone. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 2419-2422.	1.6	43
57	The Reaction of (N-Isocyanimino)triphenylphosphorane with Anthranilic Acid Derivatives: One-Pot Synthesis of 2-Substituted 1,3,4-Oxadiazoles via Intramolecular Aza-Wittig Reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2344-2350.	1.6	43
58	(N-Isocyanimino)triphenylphosphorane as an Efficient Reagent for the Synthesis of 1,3,4-Oxadiazoles from 3-Substituted Benzoic Acid Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 3191-3198.	1.6	43
59	Chemoselective Reduction of Nitro and Nitrile Compounds with Magnetic Carbon Nanotubes-Supported Pt(II) Catalyst under Mild Conditions. Industrial & Engineering Chemistry Research, 2017, 56, 12256-12266.	3.7	43
60	Effect of incorporating Elaeagnus angustifolia extract in PCL-PEG-PCL nanofibers for bone tissue engineering. Frontiers of Chemical Science and Engineering, 2019, 13, 108-119.	4.4	42
61	Green synthesis of Zn _{0.5} Ni _{0.5} AlFeO ₄ magnetic nanoparticles and investigation of their photocatalytic activity for degradation of reactive blue 21 dye. Environmental Technology (United Kingdom), 2020, 41, 2760-2770.	2.2	42
62	One-Pot Diastereoselective Synthesis of Densely Functionalized 2-Hydroxyindeno[2,1-b]furans. Single-Crystal X-Ray Structure of Dimethyl 8,8-Dihydroxy-8-oxo-2,2,2-trichloroethoxy-2-Hydroxyindeno[2,1-b]furan-2,3-dicarboxylate. Helvetica Chimica Acta, 2008, 91, 2252-2261.	1.6	41
63	A novel sol-gel synthesis and characterization of MgFe ₂ O ₄ @Al ₂ O ₃ magnetic nanoparticles using tragacanth gel and its application as a magnetically separable photocatalyst for degradation of organic dyes under visible light. Journal of Materials Science: Materials in Electronics, 2018, 29, 6702-6710.	2.2	41
64	Dipotassium Hydrogen Phosphate Powder-Catalyzed Stereoselective Synthesis of N-Vinyl Pyrazoles in Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2225-2229.	1.6	40
65	Dipotassium Hydrogen Phosphate-Catalyzed Synthesis of Dialkyl 2-(4-Fluoro-Phenoxy)-2-Butendioates From Stabilized Phosphorus Ylides in Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 413-417.	1.6	40
66	Green synthesis and characterization of magnetic NiFe ₂ O ₄ @ZnO nanocomposite and its application for photocatalytic degradation of organic dyes. Journal of Materials Science: Materials in Electronics, 2018, 29, 14151-14160.	2.2	40
67	Zeolite-Based Catalysts: A Valuable Approach toward Ester Bond Formation. Catalysts, 2019, 9, 758.	3.5	40
68	One-Pot, Four-Component Synthesis of Fully Substituted 1,3,4-Oxadiazole Derivatives from (Isocyanimino)triphenylphosphorane, a Primary Amine, an Aromatic Carboxylic Acid, and Chloroacetone. Helvetica Chimica Acta, 2011, 94, 1024-1029.	1.6	38
69	Ultrasonic-assisted synthesis of the nanostructures of a Co(II) metal organic framework as a highly sensitive fluorescence probe of phenol derivatives. Ultrasonics Sonochemistry, 2020, 62, 104862.	8.2	38
70	ONE-STEP, THREE-COMPONENT SYNTHESIS OF DIALKYL 2-(IMIDO-N-YL)-3-(TRIPHENYLPHOSPHORANYLIDENE) BUTANEDIOATES. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 170, 181-185.	1.6	37
71	Preparation and characterization of PEGylated multiwall carbon nanotubes as covalently conjugated and non-covalent drug carrier: A comparative study. Materials Science and Engineering C, 2017, 74, 1-9.	7.3	37
72	Synthesis of bio-based internal and external cross-linkers based on tannic acid for preparation of antibacterial superabsorbents. Polymers for Advanced Technologies, 2019, 30, 2894-2905.	3.2	37

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73	One-Pot Synthesis of Fluorine-Containing Alkenes from In Situ-Generated Stabilized Phosphorus Ylides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 545-549.	1.6	36
74	Antiplasmodial activity of ethanolic extracts of some selected medicinal plants from the northwest of Iran. <i>Parasitology Research</i> , 2013, 112, 3697-3701.	1.6	36
75	Silica Gel Catalyzed Stereoselective Conversion of Dialkyl 2-(3-acetyl-4-hydroxy-1-naphthyl)-3-(triphenylphosphoranylidene) butanedioates to Dialkyl 2-(3-acetyl-4-hydroxy-1-naphthyl)-2-butenedioates in Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 903-907.	1.6	34
76	One-Dimensional Holographic Directed Lead(II) Coordination Polymer, $[Pb(\frac{1}{2}TPPZ)(NO_3)(ClO_4)]_n$ (TPPZ = 2, 3, 5). <i>Tj ETQq 0 0 0 rgBT /Overlock 10 Tf 50</i>	1.2	33
77	Synthesis of polyethyleneimine (<scp>PEI</scp>) and <i> β -cyclodextrin grafted <scp>PEI</scp> nanocomposites with magnetic cores for lipase immobilization and esterification. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 375-384.	3.2	32
78	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.	2.4	32
79	pH-sensitive curcumin conjugated micelles for tumor triggered drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 320-336.	3.5	32
80	Synthesis and X-Ray Single Crystal Structure of Dialkyl 2-[1-(2,2-Dimethylpropionyl)-3,3-dimethyl-2-oxobutyl]-3-(triphenylphosphoranylidene)succinates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006, 61, 1128-1133.	0.7	31
81	Palladium nanoparticles immobilized on amphiphilic and hyperbranched polymer- β -functionalized magnetic nanoparticles: An efficient semi-heterogeneous catalyst for Heck reaction. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3707.	3.5	31
82	Green synthesis using tragacanth gum and characterization of Ni-Cu-Zn ferrite nanoparticles as a magnetically separable photocatalyst for organic dyes degradation from aqueous solution under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 10739-10746.	2.2	31
83	Microwave-Induced Stereoselective Conversion of Dialkyl 2-(1,1,3-Trioxo-1,3-dihydro-2 H)-1,2-benzisothiazol-2-yl)-2-butenedioates in the Presence of Silica-Gel Powder in Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006, 181, 233-236.	1.6	30
84	Anti-leishmanial and toxicity activities of some selected Iranian medicinal plants. <i>Parasitology Research</i> , 2012, 111, 2115-2121.	1.6	30
85	Metabolomics in early detection and prognosis of acute coronary syndrome. <i>Clinica Chimica Acta</i> , 2019, 495, 43-53.	1.1	30
86	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.	3.3	30
87	Synthesis of sterically congested 1,3,4-oxadiazole derivatives from aromatic carboxylic acids, acenaphthoquinone, and (N-isocyanimino)triphenylphosphorane. <i>Monatshefte Für Chemie</i> , 2011, 142, 625-630.	1.8	28
88	In vivo Antiplasmodial Activity of Curcumin-Loaded Nanostructured Lipid Carriers. <i>Current Drug Delivery</i> , 2019, 16, 923-930.	1.6	27
89	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.	2.0	26
90	Synthesis of Heterocyclic Pentavalent Phosphorus Compounds from Phosphite Derivatives and Indane-1,2,3-Trione. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 1850-1857.	1.6	25

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91	Synthesis of N-acylurea derivatives from carboxylic acids and N,N-dialkyl carbodiimides in water. <i>Journal of Chemical Sciences</i> , 2015, 127, 2269-2282.	1.5	25
92	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.	4.0	25
93	Heck and oxidative boron Heck reactions employing Pd(II) supported amphiphilized polyethyleneimine-functionalized MCM41 (MCM41@PEI-Pd) as an efficient and recyclable nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4123.	3.5	24
94	Microwave-Induced Conversion of Stabilized Phosphorus Ylides to Electron-Poor 2 H-Cheromenes in the Presence of Silica Gel Powder in Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006, 181, 2725-2729.	1.6	23
95	One-Pot Stereoselective Synthesis of Alkyl (Z)-2-[4-Oxo-3-phenyl-2-(phenylimino)-1,3-thiazolan-5-yliden]acetates from Acetylenic Esters and N,N-Diphenylthiourea. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 309-314.	1.6	23
96	(N-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.	1.6	23
97	Molecular detection of Brucella species in patients suspicious of Brucellosis from Zanjan, Iran. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 533-538.	2.0	23
98	Detecting the frequency of aminoglycoside modifying enzyme encoding genes among clinical isolates of methicillin-resistant Staphylococcus aureus. <i>BiolImpacts</i> , 2015, 5, 87-91.	1.5	23
99	Efficient and selective oxidation of alcohols in water employing palladium supported nanomagnetic Fe ₃ O ₄ @hyperbranched polyethylenimine (Fe ₃ O ₄ @HPEI.Pd) as a new organic-inorganic hybrid nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3908.	3.5	23
100	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.	2.7	23
101	Identification and characterization of a novel nanobody against human placental growth factor to modulate angiogenesis. <i>Molecular Immunology</i> , 2016, 78, 183-192.	2.2	22
102	Chemoselective reduction of nitro and nitrile compounds using Ni nanoparticles immobilized on hyperbranched polymer-functionalized magnetic nanoparticles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3975.	3.5	22
103	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 & Interfaces</i> , 2020, 12, 31360-31371.	8.0	22
104	Green synthesis and characterization of novel α -acyloxycarboxamides through three-component reaction between pyridine carbaldehydes, cyclohexyl isocyanide, and benzoic acid derivatives. <i>Monatshefte für Chemie</i> , 2011, 142, 1143-1147.	1.8	21
105	5,10,15,20-tetrakis(4-carboxyphenyl)porphyrin Covalently Bound to Nano-silica Surface: Preparation, Characterization and Chemosensor Application to Detect TNT. <i>Silicon</i> , 2015, 7, 323-332.	3.3	21
106	Tetramethylguanidine-Functionalized Fe ₃ O ₄ / Chloro-Silane Core-Shell Nanoparticles: an Efficient Heterogeneous and Reusable Organocatalyst for Aldol Reaction. <i>Silicon</i> , 2019, 11, 1441-1450.	3.3	21
107	Imidazole-Functionalized Fe ₃ O ₄ /Chloro-Silane Core-Shell Nanoparticles: an Efficient Heterogeneous Organocatalyst for Esterification Reaction. <i>Silicon</i> , 2019, 11, 1745-1754.	3.3	21
108	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.	3.3	21

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109	SYNTHESIS OF HIGHLY ELECTRON-POOR ALKENES FROM IN SITU GENERATED STABILIZED PHOSPHORUS YLIDES AND NINHYDRIN VIA INTERMOLECULAR WITTIG REACTION. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1615-1620.	1.6	20
110	Stereoselective Conversion of Stabilized Phosphorus Ylides to Dialkyl 2-(2-Nitro-phenoxy)-2-butenedioates in the Presense of Silica Gel in Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2675-2678.	1.6	20
111	One-Pot Efficient Synthesis of Fully Substituted 1,3,4-Oxadiazole Derivatives from (<i>N</i>-Isocyanimino)triphenylphosphorane, Carboxylic Acids, and Aromatic Bis-Aldehydes. Synthetic Communications, 2011, 41, 2273-2282.	2.1	20
112	Synthesis of Novel <i>N</i>-((Acyloxy)<i>N</i>-quinolin<i>N</i>-yl)acetamides by a Three-Component Reaction between an Isocyanide, Quinoline<i>N</i>-carbaldehyde, and Arenecarboxylic Acids. Helvetica Chimica Acta, 2014, 97, 1088-1096.	1.6	20
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