

Hojat Veisi

List of Publications by Year in descending order

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Version: 2024-02-01

194
papers

9,240
citations

20817

60
h-index

54911

84
g-index

206
all docs

206
docs citations

206
times ranked

6371
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of the silver nanoparticles mediated by <i>Thymbra spicata</i> extract and its application as a heterogeneous and recyclable nanocatalyst for catalytic reduction of a variety of dyes in water. <i>Journal of Cleaner Production</i> , 2018, 170, 1536-1543.	9.3	260
2	Green synthesis and characterization of silver nanoparticles using <i>Fritillaria</i> flower extract and their antibacterial activity against some human pathogens. <i>Polyhedron</i> , 2019, 158, 8-14.	2.2	232
3	Green synthesis of palladium nanoparticles mediated by black tea leaves (<i>Camellia sinensis</i>) extract: Catalytic activity in the reduction of 4-nitrophenol and Suzuki-Miyaura coupling reaction under ligand-free conditions. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 223-231.	9.4	224
4	Green synthesis of silver nanoparticles using <i>Thymus kotschyanus</i> extract and evaluation of their antioxidant, antibacterial and cytotoxic effects. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4458.	3.5	184
5	In situ decorated Pd NPs on chitosan-encapsulated Fe ₃ O ₄ /SiO ₂ -NH ₂ as magnetic catalyst in Suzuki-Miyaura coupling and 4-nitrophenol reduction. <i>Carbohydrate Polymers</i> , 2020, 235, 115966.	10.2	169
6	Silver nanoparticle-decorated on tannic acid-modified magnetite nanoparticles (Fe ₃ O ₄ @TA/Ag) for highly active catalytic reduction of 4-nitrophenol, Rhodamine B and Methylene blue. <i>Materials Science and Engineering C</i> , 2019, 100, 445-452.	7.3	142
7	Preparation of polydopamine sulfamic acid-functionalized magnetic Fe ₃ O ₄ nanoparticles with a core/shell nanostructure as heterogeneous and recyclable nanocatalysts for the acetylation of alcohols, phenols, amines and thiols under solvent-free conditions. <i>Green Chemistry</i> , 2016, 18, 6337-6348.	9.0	140
8	Evaluation of electrospun poly (vinyl alcohol)-based nanofiber mats incorporated with <i>Zataria multiflora</i> essential oil as potential wound dressing. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 743-750.	7.5	133
9	Pd(II)/Pd(0) anchored to magnetic nanoparticles (Fe ₃ O ₄) modified with biguanidine-chitosan polymer as a novel nanocatalyst for Suzuki-Miyaura coupling reactions. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 186-194.	7.5	132
10	In situ green synthesis of Ag nanoparticles on herbal tea extract (<i>Stachys lavandulifolia</i>)-modified magnetic iron oxide nanoparticles as antibacterial agent and their 4-nitrophenol catalytic reduction activity. <i>Materials Science and Engineering C</i> , 2018, 90, 57-66.	7.3	127
11	Fe ₃ O ₄ /SiO ₂ nanoparticles coated with polydopamine as a novel magnetite reductant and stabilizer sorbent for palladium ions: Synthetic application of Fe ₃ O ₄ /SiO ₂ @PDA/Pd for reduction of 4-nitrophenol and Suzuki reactions. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 114-124.	5.8	124
12	Magnetically palladium catalyst stabilized by diaminoglyoxime-functionalized magnetic Fe ₃ O ₄ nanoparticles as active and reusable catalyst for Suzuki coupling reactions. <i>Journal of Molecular Catalysis A</i> , 2015, 396, 216-223.	4.8	120
13	Fabrication of a facile electrochemical biosensor for hydrogen peroxide using efficient catalysis of hemoglobin on the porous Pd@Fe ₃ O ₄ -MWCNT nanocomposite. <i>Biosensors and Bioelectronics</i> , 2015, 74, 190-198.	10.1	119
14	Silver nanoparticles decorated on thiol-modified magnetite nanoparticles (Fe ₃ O ₄ /SiO ₂ -Pr-S-Ag) as a recyclable nanocatalyst for degradation of organic dyes. <i>Materials Science and Engineering C</i> , 2019, 97, 624-631.	7.3	119
15	Amperometric glucose biosensor based on immobilization of glucose oxidase on a magnetic glassy carbon electrode modified with a novel magnetic nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 321-330.	7.8	114
16	Palladium anchored to SBA-15 functionalized with melamine-pyridine groups as a novel and efficient heterogeneous nanocatalyst for Suzuki-Miyaura coupling reactions. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 25-33.	4.8	113
17	Biosynthesis of palladium nanoparticles using <i>Rosa canina</i> fruit extract and their use as a heterogeneous and recyclable catalyst for Suzuki-Miyaura coupling reactions in water. <i>Applied Organometallic Chemistry</i> , 2016, 30, 231-235.	3.5	109
18	In situ biogenic synthesis of Pd nanoparticles over reduced graphene oxide by using a plant extract (<i>Thymbra spicata</i>) and its catalytic evaluation towards cyanation of aryl halides. <i>Materials Science and Engineering C</i> , 2019, 104, 109919.	7.3	104

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19	Sonochemical in situ immobilization of Pd nanoparticles on green tea extract coated Fe ₃ O ₄ nanoparticles: An efficient and magnetically recyclable nanocatalyst for synthesis of biphenyl compounds under ultrasound irradiations. <i>Materials Science and Engineering C</i> , 2019, 98, 584-593.	7.3	102
20	Magnetically separable and recyclable Fe ₃ O ₄ @SiO ₂ /isoniazide/Pd nanocatalyst for highly efficient synthesis of biaryls by Suzuki coupling reactions. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 175-184.	9.4	101
21	Preparation of core/shell nanostructure Fe ₃ O ₄ @PEG400-SO ₃ H as heterogeneous and magnetically recyclable nanocatalyst for one-pot synthesis of substituted pyrroles by Paal-Knorr reaction at room temperature. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 177-187.	9.4	99
22	Green and effective route for the synthesis of monodispersed palladium nanoparticles using herbal tea extract (<i>Stachys lavandulifolia</i>) as reductant, stabilizer and capping agent, and their application as homogeneous and reusable catalyst in Suzuki coupling reactions in water. <i>Applied Organometallic Chemistry</i> , 2015, 29, 26-32.	3.5	97
23	Voltammetric aptasensor for bisphenol A based on the use of a MWCNT/Fe ₃ O ₄ @gold nanocomposite. <i>Mikrochimica Acta</i> , 2018, 185, 320.	5.0	97
24	Silica sulfuric acid (SSA) as a solid acid heterogeneous catalyst for one-pot synthesis of substituted pyrroles under solvent-free conditions at room temperature. <i>Tetrahedron Letters</i> , 2010, 51, 2109-2114.	1.4	95
25	Multi-walled carbon nanotubes decorated with palladium nanoparticles as a novel platform for electrocatalytic sensing applications. <i>RSC Advances</i> , 2014, 4, 49595-49604.	3.6	95
26	Palladium stabilized by 3,4-dihydropyridine-functionalized magnetic Fe ₃ O ₄ nanoparticles as a reusable and efficient heterogeneous catalyst for Suzuki reactions. <i>RSC Advances</i> , 2016, 6, 27252-27259.	3.6	94
27	Biosynthesis of CuO nanoparticles using aqueous extract of herbal tea (<i>Stachys Lavandulifolia</i>) flowers and evaluation of its catalytic activity. <i>Scientific Reports</i> , 2021, 11, 1983.	3.3	94
28	Green synthesis and characterizations of gold nanoparticles using Thyme and survey cytotoxic effect, antibacterial and antioxidant potential. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 184, 71-79.	3.8	92
29	In Situ Immobilized Silver Nanoparticles on <i>Rubia tinctorum</i> Extract-Coated Ultrasmall Iron Oxide Nanoparticles: An Efficient Nanocatalyst with Magnetic Recyclability for Synthesis of Propargylamines by ³ C Coupling Reaction. <i>ACS Omega</i> , 2019, 4, 13991-14003.	3.5	91
30	Non-enzymatic voltammetric glucose sensor made of ternary NiO/Fe ₃ O ₄ -SH/para-amino hippuric acid nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2018, 810, 69-77.	3.8	89
31	Green synthesis of palladium nanoparticles using <i>Pistacia atlantica kurdica</i> gum and their catalytic performance in Mizoroki-Heck and Suzuki-Miyaura coupling reactions in aqueous solutions. <i>Applied Organometallic Chemistry</i> , 2015, 29, 517-523.	3.5	86
32	Ultrasound assisted synthesis of Pd NPs decorated chitosan-starch functionalized Fe ₃ O ₄ nanocomposite catalyst towards Suzuki-Miyaura coupling and reduction of 4-nitrophenol. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 104-113.	7.5	85
33	A highly stable and efficient magnetically recoverable and reusable Pd nanocatalyst in aqueous media heterogeneously catalysed Suzuki-C cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2015, 29, 259-265.	3.5	84
34	Biguanidine-functionalized chitosan to immobilize palladium nanoparticles as a novel, efficient and recyclable heterogeneous nanocatalyst for Suzuki-Miyaura coupling reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 341-345.	3.5	83
35	Synthesis of biaryls using palladium nanoparticles immobilized on metformine-functionalized polystyrene resin as a reusable and efficient nanocatalyst. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 419-425.	7.5	83
36	Pd nanoparticles decorated poly-methyl-dopa@GO/Fe ₃ O ₄ nanocomposite modified glassy carbon electrode as a new electrochemical sensor for simultaneous determination of acetaminophen and phenylephrine. <i>Materials Science and Engineering C</i> , 2019, 105, 110112.	7.3	83

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37	Preparation of GO/Fe ₃ O ₄ @PMDA/AuNPs nanocomposite for simultaneous determination of As ³⁺ and Cu ²⁺ by stripping voltammetry. <i>Talanta</i> , 2021, 230, 122288.	5.5	83
38	Poly(N-bromobenzene-1,3-disulfonamide) and N,N,N',N'-tetrabromobenzene-1,3-disulfonamide as novel catalytic reagents for silylation of alcohols, phenols, and thiols using hexamethyldisilazane. <i>Tetrahedron Letters</i> , 2006, 47, 4505-4508.	1.4	80
39	Pd immobilized on amidoxime-functionalized Mesoporous SBA-15: A novel and highly active heterogeneous catalyst for Suzuki-Miyaura coupling reactions. <i>Journal of Molecular Catalysis A</i> , 2014, 393, 240-247.	4.8	80
40	Immobilization of palladium nanoparticles on ionic liquid-triethylammonium chloride functionalized magnetic nanoparticles: As a magnetically separable, stable and recyclable catalyst for Suzuki-Miyaura cross-coupling reactions. <i>Tetrahedron Letters</i> , 2017, 58, 4269-4276.	1.4	80
41	Palladium supported on diaminoglyoxime-functionalized Fe ₃ O ₄ nanoparticles as a magnetically separable nanocatalyst in Heck coupling reaction. <i>Applied Organometallic Chemistry</i> , 2015, 29, 825-828.	3.5	79
42	Fe ₃ O ₄ /PEG-SO ₃ H as a heterogeneous and magnetically-recyclable nanocatalyst for the oxidation of sulfides to sulfones or sulfoxides. <i>New Journal of Chemistry</i> , 2018, 42, 1757-1761.	2.8	77
43	Palladium nanoparticles supported on modified single-walled carbon nanotubes: a heterogeneous and reusable catalyst in the Ullmann-type N-arylation of imidazoles and indoles. <i>New Journal of Chemistry</i> , 2015, 39, 2901-2907.	2.8	76
44	Label-free Electrochemical Bisphenol A Aptasensor Based on Designing and Fabrication of a Magnetic Gold Nanocomposite. <i>Electroanalysis</i> , 2018, 30, 2160-2166.	2.9	76
45	Palladium nanoparticles supported on 1,3-dicyclohexylguanidine functionalized mesoporous silica SBA-15 as highly active and reusable catalyst for the Suzuki-Miyaura cross-coupling reaction. <i>RSC Advances</i> , 2015, 5, 20098-20107.	3.6	75
46	Green synthesis and characterization of monodispersed silver nanoparticles obtained using oak fruit bark extract and their antibacterial activity. <i>Applied Organometallic Chemistry</i> , 2016, 30, 387-391.	3.5	75
47	Selective synthesis of sulfoxides and sulfones from sulfides using silica bromide as the heterogeneous promoter and hydrogen peroxide as the terminal oxidant. <i>RSC Advances</i> , 2014, 4, 40505-40510.	3.6	74
48	Functionalization of fullerene (C ₆₀) with metformine to immobilized palladium as a novel heterogeneous and reusable nanocatalyst in the Suzuki-Miyaura coupling reaction at room temperature. <i>Journal of Molecular Catalysis A</i> , 2014, 385, 61-67.	4.8	73
49	Biosynthesis of palladium nanoparticles as a heterogeneous and reusable nanocatalyst for reduction of nitroarenes and Suzuki coupling reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 890-896.	3.5	72
50	Catalytic reduction of 4-nitrophenol over Ag nanoparticles immobilized on Stachys lavandulifolia extract-modified multi walled carbon nanotubes. <i>Polyhedron</i> , 2019, 157, 232-240.	2.2	72
51	Synthesis of biguanide-functionalized single-walled carbon nanotubes (SWCNTs) hybrid materials to immobilized palladium as new recyclable heterogeneous nanocatalyst for Suzuki-Miyaura coupling reaction. <i>Journal of Molecular Catalysis A</i> , 2014, 382, 106-113.	4.8	71
52	Buchwald-Hartwig C-N cross coupling reactions catalyzed by palladium nanoparticles immobilized on thio modified-multi walled carbon nanotubes as heterogeneous and recyclable nanocatalyst. <i>Materials Science and Engineering C</i> , 2019, 96, 310-318.	7.3	71
53	Direct Oxidative Conversion of Alcohols, Amines, Aldehydes, and Benzyl Halides into the Corresponding Nitriles with Trichloroisocyanuric Acid in Aqueous Ammonia. <i>Synthesis</i> , 2010, 2010, 2631-2635.	2.3	70
54	Sulfamic acid heterogenized on functionalized magnetic Fe ₃ O ₄ nanoparticles with diaminoglyoxime as a green, efficient and reusable catalyst for one-pot synthesis of substituted pyrroles in aqueous phase. <i>Applied Organometallic Chemistry</i> , 2014, 28, 868-873.	3.5	68

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55	Palladium immobilized on amidoxime-functionalized magnetic Fe ₃ O ₄ nanoparticles: a highly stable and efficient magnetically recoverable nanocatalyst for sonogashira coupling reaction. <i>Applied Organometallic Chemistry</i> , 2015, 29, 834-839.	3.5	68
56	In situ generation of Iron(III) dodecyl sulfate as Lewis acid-surfactant catalyst for synthesis of bis-indolyl, tris-indolyl, Di(bis-indolyl), Tri(bis-indolyl), tetra(bis-indolyl)methanes and 3-alkylated indole compounds in water. <i>RSC Advances</i> , 2014, 4, 30683.	3.6	67
57	A mesoporous SBA-15 silica catalyst functionalized with phenylsulfonic acid groups (SBA-15-Ph-SO ₃ H) as a novel hydrophobic nanoreactor solid acid catalyst for a one-pot three-component synthesis of 2H-indazolo[2,1-b]phthalazine-triones and triazolo[1,2-a]indazole-triones. <i>RSC Advances</i> , 2015, 5, 68523-68530.	3.6	66
58	Chemoselective hydration of nitriles to amides using hydrated ionic liquid (IL) tetrabutylammonium hydroxide (TBAH) as a green catalyst. <i>RSC Advances</i> , 2015, 5, 6365-6371.	3.6	66
59	Green synthesis, antibacterial, antioxidant and cytotoxic effect of gold nanoparticles using Pistacia Atlantica extract. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 21-30.	5.3	63
60	Palladium nanoparticles supported on an organosuperbase dendron-modified mesoporous SBA-15 as a heterogeneous catalyst in Heck coupling reaction. <i>Journal of Porous Materials</i> , 2014, 21, 141-148.	2.6	62
61	Ag nanoparticles decorated Fe ₃ O ₄ /chitosan nanocomposite: synthesis, characterization and application toward electrochemical sensing of hydrogen peroxide. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1015-1022.	2.2	59
62	Fabrication of Pd NPs on pectin-modified Fe ₃ O ₄ NPs: A magnetically retrievable nanocatalyst for efficient C-C and C-N cross coupling reactions and an investigation of its cardiovascular protective effects. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 1252-1262.	7.5	59
63	A practical and efficient synthesis of bis(indolyl)methanes in water, and synthesis of di-, tri-, and tetra(bis-indolyl)methanes under thermal conditions catalyzed by oxalic acid dihydrate. <i>Molecular Diversity</i> , 2010, 14, 87-96.	3.9	58
64	Concise Syntheses, Polymers, and Properties of 3-Arylthieno[3,2-b]thiophenes. <i>Macromolecules</i> , 2012, 45, 8228-8236.	4.8	58
65	Modified magnetic nanoparticles by PEG-400-immobilized Ag nanoparticles (Fe ₃ O ₄ @PEG-Ag) as a core/shell nanocomposite and evaluation of its antimicrobial activity. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3965-3973.	6.7	57
66	Molecular Iodine: Recent Application in Heterocyclic Synthesis. <i>Current Organic Chemistry</i> , 2011, 15, 2438-2468.	1.6	56
67	Recent progress in the application of N-halo reagents in the synthesis of heterocyclic compounds. <i>Tetrahedron</i> , 2010, 66, 7445-7463.	1.9	55
68	Designing and fabrication of a novel gold nanocomposite structure: application in electrochemical sensing of bisphenol A. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 874-888.	3.3	55
69	Selective hydrogen peroxide oxidation of sulfides to sulfones with carboxylated multi-walled carbon nano tubes (MWCNTs-COOH) as heterogeneous and recyclable nanocatalysts under organic solvent-free conditions. <i>RSC Advances</i> , 2015, 5, 10152-10158.	3.6	54
70	Poly(N,N'-dibromo-N-ethyl-benzene-1,3-disulfonamide), N,N,N'-tetrabromobenzene-1,3-disulfonamide and novel poly(N,N'-dibromo-N-phenylbenzene-1,3-disulfonamide) as powerful reagents for benzylic bromination. <i>Tetrahedron Letters</i> , 2009, 50, 1861-1865.	1.4	51
71	In Situ Green Synthesis of Pd Nanoparticles on Tannic Acid-Modified Magnetite Nanoparticles as a Green Reductant and Stabilizer Agent: Its Application as a Recyclable Nanocatalyst (Fe ₃ O ₄ @TA/Pd) for Reduction of 4-Nitrophenol and Suzuki Reactions. <i>ChemistrySelect</i> , 2018, 3, 1820-1826.	1.5	51
72	Pistacia atlantica leaf extract mediated synthesis of silver nanoparticles and their antioxidant, cytotoxicity, and antibacterial effects under in vitro condition. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5278.	3.5	51

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73	One-pot Synthesis of 1-Amidoalkyl-2-naphthols Catalyzed by Polyphosphoric Acid Supported on Silica-coated NiFe ₂ O ₄ Nanoparticles. <i>Organic Preparations and Procedures International</i> , 2016, 48, 37-44.	1.3	48
74	A new natural based ionic liquid 3-sulfonic acid 1-imidazolopyridinium hydrogen sulfate as an efficient catalyst for the preparation of 2H-indazolo[2,1-b]phthalazine-1,6,11(13H)-triones. <i>Journal of Molecular Liquids</i> , 2015, 206, 119-128.	4.9	47
75	In situ decoration of Au NPs over polydopamine encapsulated GO/Fe ₃ O ₄ nanoparticles as a recyclable nanocatalyst for the reduction of nitroarenes. <i>Scientific Reports</i> , 2021, 11, 12362.	3.3	47
76	Green synthesis of Pd nanoparticles supported on reduced graphene oxide, using the extract of <i>Rosa canina</i> fruit, and their use as recyclable and heterogeneous nanocatalysts for the degradation of dye pollutants in water. <i>RSC Advances</i> , 2018, 8, 21020-21028.	3.6	46
77	Synthesis of Imatinib-loaded chitosan-modified magnetic nanoparticles as an anti-cancer agent for pH responsive targeted drug delivery. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4833.	3.5	46
78	Convenient One-Pot Synthesis of Sulfonamides and Sulfonyl Azides from Thiols Using N-Chlorosuccinimide. <i>Synlett</i> , 2011, 2011, 2315-2320.	1.8	45
79	Bio-inspired synthesis of palladium nanoparticles fabricated magnetic Fe ₃ O ₄ nanocomposite over <i>Fritillaria imperialis</i> flower extract as an efficient recyclable catalyst for the reduction of nitroarenes. <i>Scientific Reports</i> , 2021, 11, 4515.	3.3	45
80	Poly(<i>N,N</i> -dichloro- <i>N</i> -ethylbenzene-1,3-disulfonamide) and <i>N,N</i> -Tetrachlorobenzene-1,3-disulfonamide as Novel Reagents for the Synthesis of <i>N</i> -Chloroamines, Nitriles and Aldehydes. <i>Synthesis</i> , 2009, 2009, 945-950.	2.3	42
81	1,3-Dibromo-5,5-dimethylhydantoin or <i>N</i> -bromosuccinimide as efficient reagents for chemoselective deprotection of 1,1-diacetates under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2009, 140, 1485-1488.	1.8	42
82	Wet 2,4,6-trichloro-1,3,5-triazine (TCT) as an efficient catalyst for the synthesis of 2,4,6-triarylpyridines under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2010, 21, 1346-1349.	9.0	42
83	An in situ generated CuI/metformin complex as a novel and efficient catalyst for C-N and C-O cross-coupling reactions. <i>Tetrahedron Letters</i> , 2013, 54, 7095-7099.	1.4	42
84	CuCl heterogenized on metformin-modified multi walled carbon nanotubes as a recyclable nanocatalyst for Ullmann-type C-O and C-N coupling reactions. <i>New Journal of Chemistry</i> , 2018, 42, 2782-2789.	2.8	41
85	A competent green methodology for the synthesis of aryl thioethers and 1H-tetrazole over magnetically retrievable novel CoFe ₂ O ₄ @L-asparagine anchored Cu, Ni nanocatalyst. <i>Materials Science and Engineering C</i> , 2020, 107, 110260.	7.3	40
86	<i>N</i> -Arylation of indole and aniline by a green synthesized CuO nanoparticles mediated by <i>Thymbra spicata</i> leaves extract as a recyclable and heterogeneous nanocatalyst. <i>Tetrahedron Letters</i> , 2017, 58, 3155-3159.	1.4	39
87	Fabrication of an electrochemical sensor based on magnetic nanocomposite Fe ₃ O ₄ /L-alanine/Pd modified glassy carbon electrode for determination of nanomolar level of clozapine in biological model and pharmaceutical samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 879-886.	7.8	38
88	Green synthesis of silver nanoparticles based on oil-water interface method with essential oil of orange peel and its application as nanocatalyst for A ₃ coupling. <i>Materials Science and Engineering C</i> , 2019, 105, 110031.	7.3	38
89	In situ supported Pd NPs on biodegradable chitosan/agarose modified magnetic nanoparticles as an effective catalyst for the ultrasound assisted oxidation of alcohols and activities against human breast cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 55-65.	7.5	38
90	Facile synthesis and investigation of 1,8-dioxooctahydroanthene derivatives as corrosion inhibitors for mild steel in hydrochloric acid solution. <i>New Journal of Chemistry</i> , 2016, 40, 1278-1286.	2.8	37

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91	Silver nanoparticle-decorated multiwalled carbon nanotube/pramipexole nanocomposite: Synthesis, characterization and application as an antibacterial agent. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3737.	3.5	37
92	Gold nanoparticles decorated biguanidine modified mesoporous silica KIT-5 as recoverable heterogeneous catalyst for the reductive degradation of environmental contaminants. <i>Scientific Reports</i> , 2021, 11, 2734.	3.3	37
93	Highly Efficient Method for Synthesis of Bis(Indolyl)Methanes Catalyzed by FeCl ₃ -based Ionic Liquid. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 240-245.	1.4	34
94	Schiff Base-Functionalized Multi Walled Carbon Nano Tubes to Immobilization of Palladium Nanoparticles as Heterogeneous and Recyclable Nanocatalyst for Suzuki Reaction in Aqueous Media Under Mild Conditions. <i>Catalysis Letters</i> , 2017, 147, 976-986.	2.6	34
95	Protic ionic liquid [TMG][Ac] as an efficient, homogeneous and recyclable catalyst for one-pot four-component synthesis of 2H-indazolo[2,1-b]phthalazine-triones and dihydro-1H-pyrano[2,3-c]pyrazol-6-ones. <i>RSC Advances</i> , 2014, 4, 25057-25062.	3.6	33
96	Biosynthesis of the silver nanoparticles on the graphene oxide's surface using Pistacia atlantica leaves extract and its antibacterial activity against some human pathogens. <i>Polyhedron</i> , 2019, 161, 338-345.	2.2	33
97	Chemo-selective oxidation of sulfide to sulfoxides with H ₂ O ₂ catalyzed by oxo-vanadium/Schiff-base complex immobilized on modified magnetic Fe ₃ O ₄ nanoparticles as a heterogeneous and recyclable nanocatalyst. <i>Polyhedron</i> , 2019, 157, 358-366.	2.2	33
98	The application of poly(N, N'-dibromo-N-ethyl-benzene-1,3-disulfonamide) and N, N, N'-tetrabromobenzene-1,3-disulfonamide as catalysts for one-pot synthesis of 2-aryl-1-arylmethyl-1H-1,3-benzimidazoles and 1,5-benzodiazepines, and new reagents for synthesis of benzimidazoles. <i>Molecular Diversity</i> , 2010, 14, 249-256.	3.9	32
99	Pd immobilization biguanidine modified Zr-Uio-66 MOF as a reusable heterogeneous catalyst in Suzuki-Miyaura coupling. <i>Scientific Reports</i> , 2021, 11, 21883.	3.3	32
100	Palladium(II) anchored on polydopamine coated-magnetic nanoparticles (Fe ₃ O ₄ @PDA@Pd(II)): A heterogeneous and core-shell nanocatalyst in Buchwald-Hartwig N cross coupling reactions. <i>Polyhedron</i> , 2018, 156, 64-71.	2.2	31
101	Mild bromination of unreactive aromatic compounds. <i>Tetrahedron Letters</i> , 2012, 53, 2325-2327.	1.4	30
102	Iron oxide nanoparticles coated with green tea extract as a novel magnetite reductant and stabilizer sorbent for silver ions: Synthetic application of Fe ₃ O ₄ @green tea/Ag nanoparticles as magnetically separable and reusable nanocatalyst for reduction of 4-nitrophenol. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3711.	3.5	30
103	L-Arginine as a base and ligand for the palladium-catalyzed C-C and C-N cross-coupling reactions in aqueous media. <i>Tetrahedron Letters</i> , 2017, 58, 3482-3486.	1.4	30
104	Ligand-free Mizoroki-heck reaction using reusable modified graphene oxide-supported Pd(0) nanoparticles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4067.	3.5	30
105	Oxo-vanadium complex immobilized on chitosan coated-magnetic nanoparticles (Fe ₃ O ₄): A heterogeneous and recyclable nanocatalyst for the chemoselective oxidation of sulfides to sulfoxides with H ₂ O ₂ . <i>Polyhedron</i> , 2018, 153, 240-247.	2.2	30
106	Electrocatalytic multicomponent assembling of aldehydes, 4-hydroxycoumarin and malononitrile: An efficient approach to 2-amino-5-oxo-4,5-dihydropyrano(3,2-c)chromene-3-carbonitrile derivatives. <i>Comptes Rendus Chimie</i> , 2014, 17, 301-304.	0.5	29
107	Application of polydopamine sulfamic acid-functionalized magnetic Fe ₃ O ₄ @PDA-SO ₃ H nanoparticles (Fe ₃ O ₄ @PDA-SO ₃ H) as a heterogeneous and recyclable nanocatalyst for the formylation of alcohols and amines under solvent-free conditions. <i>New Journal of Chemistry</i> , 2017, 41, 5075-5081.	2.8	29
108	CuI catalyst heterogenized on melamine-pyridines immobilized SBA-15: Heterogeneous and recyclable nanocatalyst for Ullmann-type C N coupling reactions. <i>Tetrahedron Letters</i> , 2017, 58, 4440-4446.	1.4	29

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110	N,N-diiido-N,N'-1,2-ethanediybis(p-toluenesulfonamide) as a reagent for conversion of aldehydes to methyl esters. <i>Mendeleev Communications</i> , 2005, 15, 207-208.	1.6	27
111	Catalytic applications of an organosuperbase dendron grafted on mesoporous SBA-15 and a related palladium complex in Henry and Suzuki–Miyaura coupling reactions. <i>Tetrahedron Letters</i> , 2014, 55, 5311-5314.	1.4	27
112	Synthesis of 5-Alkylidene-2,4-thiazolidinediones and Rhodanines Promoted by Propylamino-functionalized Nano-structured SBA-15. <i>Organic Preparations and Procedures International</i> , 2015, 47, 309-315.	1.3	27
113	Palladium NPs supported on novel imino-pyridine-functionalized MWCNTs: efficient and highly reusable catalysts for the Suzuki–Miyaura and Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , 2016, 40, 4945-4951.	2.8	27
114	An efficient, mild and selective Ullmann–arylation of indoles catalysed by Pd immobilized on amidoxime-functionalized mesoporous SBA-15 as heterogeneous and recyclable nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2015, 29, 195-199.	3.5	25
115	Electro-catalyzed multicomponent transformation of 3-methyl-1-phenyl-1H-pyrazol-5(4H)-one to 1,4-dihydropyrano[2,3-c]pyrazole derivatives in green medium. <i>Chinese Chemical Letters</i> , 2015, 26, 973-976.	9.0	25
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119	Recent Progress in the Use of <i>N</i> -Halo Compounds in Organic Synthesis. <i>Organic Preparations and Procedures International</i> , 2011, 43, 489-540.	1.3	23
120	Aerobic oxidation of benzyl alcohols through biosynthesized palladium nanoparticles mediated by Oak fruit bark extract as an efficient heterogeneous nanocatalyst. <i>Tetrahedron Letters</i> , 2017, 58, 4191-4196.	1.4	23
121	Biosynthesis of silver nanoparticles using oak leaf extract and their application for electrochemical sensing of hydrogen peroxide. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4537.	3.5	23
122	Synthesis and application of silica phenyl sulfonic acid as a solid acid heterogeneous catalyst for one-pot synthesis of 2-arylamino-1-arylmethyl-1H-imidazole, 3-arylamino-1-arylmethyl-1H-imidazole, benzimidazoles and bis(indolyl)methanes in water. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1448-1454.		22
123	SBA-15 functionalized melamine–pyridine group supported palladium(0) as an efficient heterogeneous and recyclable nanocatalyst for <i>N</i> -arylation of indoles through Ullmann–type coupling reactions. <i>Applied Organometallic Chemistry</i> , 2015, 29, 334-337.	3.5	22
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132	An efficient clean methodology for the C-S coupling to aryl thioethers and S-S homocoupling to aromatic disulfides catalyzed over a Ce(IV)-leucine complex immobilized on mesoporous MCM-41. <i>New Journal of Chemistry</i> , 2019, 43, 10343-10351.	2.8	19
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135	Simultaneous determination of ultra-low traces of lead and cadmium in food and environmental samples using dispersive solid-phase extraction (DSPE) combined with ultrasound-assisted emulsification microextraction based on the solidification of floating organic drop (UAEME-SFO) followed by GFAAS. <i>RSC Advances</i> , 2017, 7, 27656-27667.	3.6	18
136	A convenient green protocol for oxidative esterification of arylaldehydes over Pd NPs decorated polyplex encapsulated Fe ₃ O ₄ microspheres. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 132-138.	7.5	18
137	Synthesis and application of modified silica sulfuric acid as a solid acid heterogeneous catalyst in Michael addition reactions. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 977-986.	2.6	17
138	Preparation of Polydopamine Sulfamic Acid-Functionalized Silica Gel as Heterogeneous and Recyclable Nanocatalyst for Acetylation of Alcohols and Amines Under Solvent-Free Conditions. <i>Catalysis Letters</i> , 2018, 148, 2734-2745.	2.6	17
139	Electrochemical determination of clonazepam drug based on glassy carbon electrode modified with Fe ₃ O ₄ /R-SH/Pd nanocomposite. <i>Materials Science and Engineering C</i> , 2019, 103, 109754.	7.3	17
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146	A new recyclable 1,4-bis(3-methylimidazolium-1-yl)butane ditribromide [bmImB]A·(Br) ₃ ²⁺ ionic liquid reagent for selective bromination of anilines or phenols and 1,2-bromination of alkanones under mild conditions. <i>RSC Advances</i> , 2014, 4, 25898-25903.	3.6	14
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150	CuCl ₂ heterogenized on metformine-modified polystyrene resin as an antibacterial agent and recyclable nanocatalyst for Ullmann-type C–N coupling reactions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4737.	3.5	14
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156	Mesoporous SBA-15 Silica Phenylsulfonic Acid (SBA-15-PhSO ₃ H) as Efficient Nanocatalyst for One-pot Three-component Synthesis of 3-Methyl-4-aryl-2,4,5-tetrahydropyrazolo[3,4-b]pyridine Cones. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1630-1635.	6.6	12
157	Microwave-Assisted Oxidation of Alcohols with N,N-dibromo-N-ethyl-benzene-1,3-disulfonamide and Poly(Bromobenzene-1,3-disulfonamide) under Solvent-free Conditions. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1257-1260.	1.4	11
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164	Novel Schiff base Mn(III) and Co(II) complexes supported on Co nanoparticles: efficient and recyclable magnetic nanocatalysts for alcohol oxidation. <i>RSC Advances</i> , 2016, 6, 77020-77029.	3.6	10
165	Convenient One-Pot Synthesis of Sulfonamides from Thiols and Disulfides Using 1,3-Dichloro-5,5-dimethylhydantoin (DCH). <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 383-386.	1.9	10
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