

Lida Mohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,396
citations

218677

26
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

1986
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	In situ biogenic synthesis of Pd nanoparticles over reduced graphene oxide by using a plant extract (<i>Thymra spicata</i>) and its catalytic evaluation towards cyanation of aryl halides. <i>Materials Science and Engineering C</i> , 2019, 104, 109919.	7.3	104
7	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
8	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
9	In situ immobilized palladium nanoparticles on surface of poly-methylidopa coated-magnetic nanoparticles (Fe ₃ O ₄ @PMDA/Pd): A magnetically recyclable nanocatalyst for cyanation of aryl halides with K ₄ [Fe(CN) ₆]. <i>Journal of Catalysis</i> , 2018, 365, 204-212.	6.2	96
10	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 A ³ Coupling Reaction. <i>ACS Omega</i> , 2019, 4, 13991-14003.	3.5	91
11	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
12	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
13	Immobilization of palladium nanoparticles on Metformin-functionalized graphene oxide as a heterogeneous and recyclable nanocatalyst for Suzuki coupling reactions and reduction of 4-nitrophenol. <i>Polyhedron</i> , 2019, 158, 414-422.	2.2	78
14	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
15	Catalytic reduction of 4-nitrophenol over Ag nanoparticles immobilized on <i>Stachys lavandulifolia</i> extract-modified multi walled carbon nanotubes. <i>Polyhedron</i> , 2019, 157, 232-240.	2.2	72
16	Buchwald-Hartwig 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
17	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
18	Biosynthesis of CuO nanoparticles using <i>Rosa canina</i> fruit extract as a recyclable and heterogeneous nanocatalyst for C-N Ullmann coupling reactions. <i>Materials Chemistry and Physics</i> , 2018, 214, 527-532.	4.0	65

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19	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
20	Biosynthesis of gold nanoparticles using <i>Allium noeanum</i> Reut. ex Regel leaves aqueous extract; characterization and analysis of their cytotoxicity, antioxidant, and antibacterial properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5189.	3.5	47
21	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
22	Synthesis, characterization, and evaluation of cytotoxicity, antioxidant, antifungal, antibacterial, and cutaneous wound healing effects of copper nanoparticles using the aqueous extract of Strawberry fruit and l-Ascorbic acid. <i>Polyhedron</i> , 2020, 180, 114425.	2.2	44
23	CuCl heterogenized on metformine-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
24	Green synthesis of silver nanoparticles based on oil-water interface method with essential oil of orange peel and its application as nanocatalyst for A3 coupling. <i>Materials Science and Engineering C</i> , 2019, 105, 110031.	7.3	38
25	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
26	Biosynthesis of the silver nanoparticles on the graphene oxide's surface using <i>Pistacia atlantica</i> leaves extract and its antibacterial activity against some human pathogens. <i>Polyhedron</i> , 2019, 161, 338-345.	2.2	33
27	Biosynthesis and chemical characterization of polydopamine-capped silver nanoparticles for the treatment of acute myeloid leukemia in comparison to doxorubicin in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5277.	3.5	26
28	Application of biosynthesized palladium nanoparticles (Pd NPs) on <i>Rosa canina</i> fruit extract-modified graphene oxide as heterogeneous nanocatalyst for cyanation of aryl halides. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5103.	3.5	24
29	Preparation and synthesis a new chemotherapeutic drug of silver nanoparticle-chitosan composite; Chemical characterization and analysis of their antioxidant, cytotoxicity, and anti-acute myeloid leukemia effects in comparison to Daunorubicin in a leukemic mouse model. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5274.	3.5	23
30	Green synthesis of Au nanoparticles using an aqueous extract of <i>Stachys lavandulifolia</i> and their catalytic performance for alkyne/aldehyde/amine A3 coupling reactions. <i>RSC Advances</i> , 2018, 8, 38186-38195.	3.6	22
31	CuCl ₂ anchored on polydopamine coated-magnetic nanoparticles (Fe ₃ O ₄ @PDA/Cu(II)): Preparation, characterization and evaluation of its cytotoxicity, antioxidant, antibacterial, and antifungal properties. <i>Polyhedron</i> , 2020, 177, 114327.	2.2	21
32	Application of copper nanoparticles containing natural compounds in the treatment of bacterial and fungal diseases. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5465.	3.5	21
33	Palladium nanoparticles immobilized over <i>Strawberry</i> fruit extract coated Fe ₃ O ₄ NPs: A magnetic reusable nanocatalyst for Suzuki-Miyaura coupling reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5653.	3.5	18
34	Decoration of silver nanoparticles on multi-walled carbon nanotubes: Investigation of its anti-acute leukemia property against acute myeloid leukemia and acute T cell leukemia. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5476.	3.5	16
35	Efficient N-Boc protection of amines by a reusable heterogeneous solid acid nanocatalyst at room temperature. <i>Research on Chemical Intermediates</i> , 2016, 42, 1451-1461.	2.7	14
36	Mesoporous SBA-15 Silica Phenylsulfonic Acid (SBA-15-Ph-SO ₃ H) as Efficient Nanocatalyst for One-pot Three-component Synthesis of 3-Methyl-4-aryla-2,4,5,7-tetrahydropyrazolo[3,4-b]pyridine Cones. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1630-1635.	6.8	12

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37	Poly-(<i>N,N</i> -dibromo- <i>N</i> -ethyl-benzene-1,3-disulfonamide) and <i>N,N</i> -Tetrabromobenzene-1,3-disulfonamide as Highly Efficient Catalysts, and (AC ₂ O/SIO ₂) as a Heterogeneous System for the Acetylation of Alcohols, Amines, and Thiols Under Microwave Irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 106, 213-219.	1.6	11
38	One-pot Green Synthesis of 3-Methyl-4-caryl-2,4,5,7-tetrahydropyrazolo[3,4- <i>b</i>]pyridine-6-ones by Multicomponent Assembling of 5-Methylpyrazol-3-amine, Aldehydes, and Meldrum's Acid Using Sodium Dodecyl Sulfate (SDS) in Water. Journal of Heterocyclic Chemistry, 2017, 54, 1640-1644.	2.6	9
39	Design and <i>in vitro</i> antifungal activity of Nystatin loaded chitosan-coated magnetite nanoparticles for targeted therapy. Inorganic and Nano-Metal Chemistry, 0, , 1-9.	1.6	1