

Pourya Mohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,956
citations

279798

23
h-index

302126

39
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40
all docs

40
docs citations

40
times ranked

1832
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered double hydroxides as heterogeneous catalyst systems in the cross-coupling reactions: an overview. <i>Molecular Diversity</i> , 2022, 26, 569-587.	3.9	15
2	Gold nanoparticles on cyanuric citric acid functionalized magnetic SBA-16 as an effective catalyst for dye reduction. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 126, 114392.	2.7	9
3	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
4	Alginate modified magnetic nanoparticles to immobilization of gold nanoparticles as an efficient magnetic nanocatalyst for reduction of 4-nitrophenol in water. <i>Journal of Molecular Liquids</i> , 2021, 327, 114868.	4.9	61
5	Silver incorporated into g-C ₃ N ₄ /Alginate as an efficient and heterogeneous catalyst for promoting click and A ₃ and K _{A2} coupling reaction. <i>Scientific Reports</i> , 2021, 11, 14086.	3.3	15
6	Ag nanoparticles immobilized on new magnetic alginate halloysite as a recoverable catalyst for reduction of nitroaromatics in aqueous media. <i>Scientific Reports</i> , 2021, 11, 17124.	3.3	20
7	Ag nanoparticles immobilized on new mesoporous triazine-based carbon (MTC) as green and recoverable catalyst for reduction of nitroaromatic in aqueous media. <i>Scientific Reports</i> , 2020, 10, 19322.	3.3	8
8	Green synthesis of silver nanoparticles using <i>Eucalyptus comadulensis</i> leaves extract and its immobilization on magnetic nanocomposite (GO-Fe ₃ O ₄ /PAA/Ag) as a recoverable catalyst for degradation of organic dyes in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5547.	3.5	22
9	Design, synthesis, characterization, and catalytic properties of g-C ₃ N ₄ -SO ₃ H as an efficient nanosheet ionic liquid for one-pot synthesis of pyrazolo[3,4-b]pyridines and bis(indolyl)methanes. <i>Journal of Molecular Liquids</i> , 2020, 303, 112625.	4.9	31
10	Bio-assisted synthesized Pd nanoparticles supported on ionic liquid decorated magnetic halloysite: an efficient catalyst for degradation of dyes. <i>Scientific Reports</i> , 2020, 10, 6535.	3.3	49
11	Green synthesis of Ag NPs on magnetic polyallylamine decorated g-C ₃ N ₄ by <i>Heracleum persicum</i> extract: efficient catalyst for reduction of dyes. <i>Scientific Reports</i> , 2020, 10, 6579.	3.3	50
12	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
13	Au nanoparticles decorated on magnetic nanocomposite (GO-Fe ₃ O ₄ /Dop/Au) as a recoverable catalyst for degradation of methylene blue and methyl orange in water. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23002-23009.	7.1	43
14	Evaluation, of the bimetallic photocatalytic performance of Resin-Au-Pd nanocomposite for degradation of parathion pesticide under visible light. <i>Polyhedron</i> , 2019, 170, 132-137.	2.2	26
15	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
16	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
17	Au Nanoparticles Immobilized in Fe ₃ O ₄ /SBA-16 Functionalized Melamine-Chloroacetic Acid as a Recoverable Nanocatalyst for Reduction of Dye Pollutants in Water. <i>ChemistrySelect</i> , 2019, 4, 7609-7615.	1.5	4
18	Palladium nanoparticles decorated triethanolammonium chloride ionic liquid modified TiO ₂ nanoparticles (TiO ₂ /IL-Pd): A highly active and recoverable catalyst for Suzuki-Miyaura cross-coupling reaction in aqueous medium. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4909.	3.5	9

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19	Synthesis and characterization of Fe ₃ O ₄ @SiO ₂ guanidine-poly acrylic acid nanocatalyst and using it for one-pot synthesis of 4H-benzo[b]pyrans and dihydropyrano[c]chromenes in water. <i>Materials Chemistry and Physics</i> , 2019, 228, 140-146.	4.0	42
20	Preparation of Antibacterial Cotton Wound Dressing By Green Synthesis Silver Nanoparticles Using Mullein Leaves Extract. <i>Journal of Renewable Materials</i> , 2019, 7, 787-794.	2.2	7
21	Palladium nanoparticles decorated into a biguanidine modified-KIT-5 mesoporous structure: a recoverable nanocatalyst for ultrasound-assisted Suzuki-Miyaura cross-coupling. <i>RSC Advances</i> , 2019, 9, 41581-41590.	3.6	27
22	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
23	Biosynthesis of Au nanoparticles supported on Fe ₃ O ₄ @polyaniline as a heterogeneous and reusable magnetic nanocatalyst for reduction of the azo dyes at ambient temperature. <i>Materials Science and Engineering C</i> , 2019, 98, 19-29.	7.3	24
24	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
25	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
26	Novel magnetic nanoparticle supported ionic liquid as an efficient catalyst for the synthesis of spiro [pyrazole-pyrazolo[3,4-b]pyridine]-dione derivatives under solvent free conditions. <i>Journal of Molecular Structure</i> , 2019, 1178, 401-407.	3.6	19
27	Green synthesis of the Fe ₃ O ₄ @polythiophen-Ag magnetic nanocatalyst using grapefruit peel extract: Application of the catalyst for reduction of organic dyes in water. <i>Journal of Molecular Liquids</i> , 2018, 262, 248-254.	4.9	31
28	SBA-15/Metformin as a novel sorbent combined with surfactant-assisted dispersive liquid-liquid microextraction (SA-DLLME) for highly sensitive determination of Pb, Cd and Ni in food and environmental samples. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 753-768.	2.2	13
29	Green synthesis of Fe ₃ O ₄ @SiO ₂ -Ag magnetic nanocatalyst using safflower extract and its application as recoverable catalyst for reduction of dye pollutants in water. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4249.	3.5	47
30	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
31	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
32	Evaluation of lipid-lowering effect of <i>Cynara scolymus</i> extract-loaded mesoporous silica nanoparticles on ultra-lipid-fed mice. <i>Comparative Clinical Pathology</i> , 2018, 27, 513-518.	0.7	0
33	Synthesis of 2,5-Dimethyl-N-substituted Pyrroles Catalyzed by Diethylenetriaminepentaacetic Acid Supported on Fe ₃ O ₄ Nanoparticles. <i>Organic Preparations and Procedures International</i> , 2018, 50, 465-481.	1.3	25
34	Biosynthesis of Silver Nanoparticles Using Safflower Flower: Structural Characterization, and Its Antibacterial Activity on Applied Wool Fabric. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2525-2532.	3.7	23
35	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
36	Synthesis and Characterization of Novel Magnetic Nanoparticles Supported Imidazole Ion as an Efficient Catalytic System for the Three-Component Reaction of Arylaldehydes, Malononitrile and α -hydroxy or α -Amino Active Methylene Compounds. <i>Letters in Organic Chemistry</i> , 2017, 14, .	0.5	12

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37	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
38	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
39	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
40	A new recyclable 1,4-bis(3-methylimidazolium-1-yl)butane ditribromide [bMImB] ⁺ (Br ⁻) ₂ ionic liquid reagent for selective bromination of anilines or phenols and <i>l</i> -bromination of alkanones under mild conditions. <i>RSC Advances</i> , 2014, 4, 25898-25903.	3.6	14