

Mohaddeseh Sajjadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7390235/publications.pdf>

Version: 2024-02-01

48
papers

3,717
citations

117453

34
h-index

214527

47
g-index

49
all docs

49
docs citations

49
times ranked

3399
citing authors

#	ARTICLE	IF	CITATIONS
1	Biowaste- and nature-derived (nano)materials: Biosynthesis, stability and environmental applications. <i>Advances in Colloid and Interface Science</i> , 2022, 301, 102599.	7.0	43
2	Functionalization of chitosan by grafting Cu(II)-5-amino-1H-tetrazole complex as a magnetically recyclable catalyst for C-N coupling reaction. <i>Inorganic Chemistry Communication</i> , 2022, 136, 109135.	1.8	13
3	Modified chitosan-zeolite supported Pd nanoparticles: A reusable catalyst for the synthesis of 5-substituted-1H-tetrazoles from aryl halides. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1573-1585.	3.6	9
4	Green-synthesized nanocatalysts and nanomaterials for water treatment: Current challenges and future perspectives. <i>Journal of Hazardous Materials</i> , 2021, 401, 123401.	6.5	259
5	Carbon-based sustainable nanomaterials for water treatment: State-of-art and future perspectives. <i>Chemosphere</i> , 2021, 263, 128005.	4.2	184
6	Starch, cellulose, pectin, gum, alginate, chitin and chitosan derived (nano)materials for sustainable water treatment: A review. <i>Carbohydrate Polymers</i> , 2021, 251, 116986.	5.1	385
7	An introduction to green chemistry. , 2021, , 3-22.		1
8	Carbon-based nanomaterials for targeted cancer nanotherapy: recent trends and future prospects. <i>Journal of Drug Targeting</i> , 2021, 29, 716-741.	2.1	52
9	State-of-the-art technology: Recent investigations on laser-mediated synthesis of nanocomposites for environmental remediation. <i>Ceramics International</i> , 2021, 47, 10389-10425.	2.3	36
10	Lignin, lipid, protein, hyaluronic acid, starch, cellulose, gum, pectin, alginate and chitosan-based nanomaterials for cancer nanotherapy: Challenges and opportunities. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 193-228.	3.6	51
11	Lignin-derived (nano)materials for environmental pollution remediation: Current challenges and future perspectives. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 394-423.	3.6	90
12	Fe ₃ O ₄ @SiO ₂ nanoparticles-supported Cu(II) complex: An efficient and reusable nanocatalyst for treating environmental pollutants in aqueous medium. <i>Colloids and Interface Science Communications</i> , 2021, 44, 100455.	2.0	11
13	Cu(II)-N-benzyl-amino-1H-tetrazole complex immobilized on magnetic chitosan as a highly effective nanocatalyst for C-N coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2021, 950, 121959.	0.8	10
14	Platinum and palladium complexes with tetrazole ligands: Synthesis, structure and applications. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214132.	9.5	28
15	Pd-based nanoparticles: Plant-assisted biosynthesis, characterization, mechanism, stability, catalytic and antimicrobial activities. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102103.	7.0	140
16	Magnetically recoverable nanocatalyst based on N-heterocyclic ligands: efficient treatment of environmental pollutants in aqueous media. <i>Clean Technologies and Environmental Policy</i> , 2020, 22, 423-440.	2.1	7
17	Laser-assisted preparation of Pd nanoparticles on carbon cloth for the degradation of environmental pollutants in aqueous medium. <i>Chemosphere</i> , 2020, 246, 125755.	4.2	71
18	Palladium nanoparticles stabilized on a novel Schiff base modified Unye bentonite: Highly stable, reusable and efficient nanocatalyst for treating wastewater contaminants and inactivating pathogenic microbes. <i>Separation and Purification Technology</i> , 2020, 237, 116383.	3.9	76

#	ARTICLE	IF	CITATIONS
19	Trimetallic Nanoparticles: Greener Synthesis and Their Applications. <i>Nanomaterials</i> , 2020, 10, 1784.	1.9	59
20	Nanomaterials and Nanotechnology-Associated Innovations against Viral Infections with a Focus on Coronaviruses. <i>Nanomaterials</i> , 2020, 10, 1072.	1.9	119
21	SARS-CoV-2 (COVID-19): New Discoveries and Current Challenges. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3641.	1.3	31
22	Upgraded Valorization of Biowaste: Laser-Assisted Synthesis of Pd/Calcium Lignosulfonate Nanocomposite for Hydrogen Storage and Environmental Remediation. <i>ACS Omega</i> , 2020, 5, 5888-5899.	1.6	95
23	Bentonite-supported furfural-based Schiff base palladium nanoparticles: an efficient catalyst in treatment of water/wastewater pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12856-12871.	1.1	13
24	Palladium Nanoparticles on Assorted Nanostructured Supports: Applications for Suzuki, Heck, and Sonogashira Cross-Coupling Reactions. <i>ACS Applied Nano Materials</i> , 2020, 3, 2070-2103.	2.4	196
25	Pd nanocatalyst stabilized on amine-modified zeolite: Antibacterial and catalytic activities for environmental pollution remediation in aqueous medium. <i>Separation and Purification Technology</i> , 2020, 239, 116542.	3.9	81
26	Recent progresses in graphene-based (photo)catalysts for reduction of nitro compounds. <i>Molecular Catalysis</i> , 2020, 484, 110758.	1.0	50
27	Green synthesis of Cu/zirconium silicate nanocomposite by using <i>Rubia tinctorum</i> leaf extract and its application in the preparation of <i>N</i> -benzyl- <i>N</i> -arylcyanamides. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4705.	1.7	13
28	Recent advances in <i>N</i> -formylation of amines and nitroarenes using efficient (nano)catalysts in eco-friendly media. <i>Green Chemistry</i> , 2019, 21, 5144-5167.	4.6	67
29	Recent developments in palladium (nano)catalysts supported on polymers for selective and sustainable oxidation processes. <i>Coordination Chemistry Reviews</i> , 2019, 397, 54-75.	9.5	103
30	Synthesis of 1-Substituted 1 <i>H</i> -1,2,3,4-Tetrazoles Using Biosynthesized Ag/Sodium Borosilicate Nanocomposite. <i>ACS Omega</i> , 2019, 4, 8985-9000.	1.6	38
31	Catalytic and antimicrobial activities of magnetic nanoparticles supported N-heterocyclic palladium(II) complex: A magnetically recyclable catalyst for the treatment of environmental contaminants in aqueous media. <i>Separation and Purification Technology</i> , 2019, 227, 115716.	3.9	48
32	Benign-by-design nature-inspired nanosystems in biofuels production and catalytic applications. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 195-252.	8.2	76
33	A catalyst-free and expeditious general synthesis of <i>N</i> -benzyl- <i>N</i> -arylcyanamides under ultrasound irradiation at room temperature. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 481-486.	3.8	11
34	<i>In situ</i> green synthesis of Cu-Ni bimetallic nanoparticles supported on reduced graphene oxide as an effective and recyclable catalyst for the synthesis of <i>N</i> -benzyl- <i>N</i> -arylcyanamides and <i>N</i> -benzyl- <i>N</i> -arylcyanamides. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4938.	1.7	44
35	Synthesis, characterization and catalytic performance of Pd(II) complex immobilized on Fe ₃ O ₄ @SiO ₂ nanoparticles for the ligand-free cyanation of aryl halides using K ₄ Fe(CN) ₆ . <i>Applied Organometallic Chemistry</i> , 2019, 33, e4730.	1.7	13
36	An Introduction to Nanotechnology. <i>Interface Science and Technology</i> , 2019, 28, 1-27.	1.6	128

#	ARTICLE	IF	CITATIONS
37	Green Nanotechnology. <i>Interface Science and Technology</i> , 2019, 28, 145-198.	1.6	111
38	Plant-Mediated Green Synthesis of Nanostructures: Mechanisms, Characterization, and Applications. <i>Interface Science and Technology</i> , 2019, 28, 199-322.	1.6	94
39	Applications of Nanotechnology in Daily Life. <i>Interface Science and Technology</i> , 2019, , 113-143.	1.6	75
40	Biological Sources Used in Green Nanotechnology. <i>Interface Science and Technology</i> , 2019, 28, 81-111.	1.6	24
41	Types of Nanostructures. <i>Interface Science and Technology</i> , 2019, 28, 29-80.	1.6	59
42	Synthesis and characterization of novel Cu(II) complex coated Fe ₃ O ₄ @SiO ₂ nanoparticles for catalytic performance. <i>Journal of Molecular Structure</i> , 2018, 1161, 453-463.	1.8	52
43	Biosynthesis of the palladium/sodium borosilicate nanocomposite using <i>Euphorbia milii</i> extract and evaluation of its catalytic activity in the reduction of chromium(VI), nitro compounds and organic dyes. <i>Materials Research Bulletin</i> , 2018, 102, 24-35.	2.7	129
44	Biosynthesis of copper nanoparticles supported on manganese dioxide nanoparticles using <i>Centella asiatica</i> L. leaf extract for the efficient catalytic reduction of organic dyes and nitroarenes. <i>Chinese Journal of Catalysis</i> , 2018, 39, 109-117.	6.9	108
45	A Review on Recent Advances in the Application of Nanocatalysts in A ³ Coupling Reactions. <i>Chemical Record</i> , 2018, 18, 1409-1473.	2.9	65
46	<i>Cuscuta reflexa</i> leaf extract mediated green synthesis of the Cu nanoparticles on graphene oxide/manganese dioxide nanocomposite and its catalytic activity toward reduction of nitroarenes and organic dyes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 86, 158-173.	2.7	138
47	Green synthesis of the Cu/sodium borosilicate nanocomposite and investigation of its catalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 763, 1024-1034.	2.8	97
48	Green synthesis of Ag/Fe ₃ O ₄ nanocomposite using <i>Euphorbia peplus</i> Linn leaf extract and evaluation of its catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 1-13.	5.0	110