

Rahele Zhiani

List of Publications by Year in descending order

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43
papers

411
citations

933264

10
h-index

794469

19
g-index

43
all docs

43
docs citations

43
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	The reduction of 4-nitrophenol and 2-nitroaniline by the incorporation of Ni@Pd MNPs into modified UiO-66-NH ₂ metal-organic frameworks (MOFs) with tetrathia-azacyclopentadecane. <i>New Journal of Chemistry</i> , 2018, 42, 988-994.	1.4	54
2	Synthesis of benzimidazolones by immobilized gold nanoparticles on chitosan extracted from shrimp shells supported on fibrous phosphosilicate. <i>RSC Advances</i> , 2019, 9, 6494-6501.	1.7	32
3	Pd/APTPOSS@KCC-1 as a new and efficient support catalyst for C-H activation. <i>RSC Advances</i> , 2017, 7, 24885-24894.	1.7	29
4	Spirulina (<i>Arthrospira</i>) platensis Supported Ionic Liquid as a Catalyst for the Synthesis of 3-Aryl-2-oxazolidinones from Carbon Dioxide, Epoxide, Anilines. <i>Catalysis Letters</i> , 2018, 148, 119-124.	1.4	29
5	Synthesis of pyrazolo[4,3-e][1,2,4]triazolo[4,3-c]pyrimidines. <i>Monatshefte für Chemie</i> , 2008, 139, 1405-1407.	0.9	28
6	Synthesis of 3-Acyloxyindolines under mild conditions using tripolyphosphate-grafted KCC-1-NH ₂ . <i>Microporous and Mesoporous Materials</i> , 2018, 257, 147-153.	2.2	28
7	Ni@Pd nanoparticles supported on ionic liquid-functionalized KCC-1 as robust and recyclable nanocatalysts for cycloaddition of propargylic amines and CO ₂ . <i>Applied Organometallic Chemistry</i> , 2018, 32, e3941.	1.7	27
8	Fixing CO ₂ into β -oxopropylcarbamates in neat condition by ionic gelation/Ag(scp) supported on dendritic fibrous nanosilica. <i>RSC Advances</i> , 2019, 9, 16955-16965.	1.7	14
9	Co-immobilization of Laccase and TEMPO onto Glycidylxypropyl Functionalized Fibrous Phosphosilicate Nanoparticles for Fixing CO ₂ into β -Oxopropylcarbamates. <i>Catalysis Letters</i> , 2019, 149, 3465-3475.	1.4	12
10	Synthesis of spiroindenopyridazine-4 <i>H</i> -pyran derivatives using Cr-based catalyst complexes supported on KCC-1 in aqueous solution. <i>RSC Advances</i> , 2018, 8, 6259-6266.	1.7	10
11	Competitive adsorption of arsenic and mercury on nano-magnetic activated carbons derived from hazelnut shell. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 367-376.	1.2	10
12	KCC-1/GMSI/VB12 as a new nano catalyst for the carbonylative Suzuki-Miyaura crosscoupling reaction. <i>RSC Advances</i> , 2017, 7, 32139-32145.	1.7	9
13	C-C coupling reactions using a gold(scp) phosphorus complex confined within metal-organic framework fibers in aqueous solution. <i>RSC Advances</i> , 2017, 7, 50838-50843.	1.7	9
14	Synthesis of Ionic Liquids as Novel Nanocatalysts for Fixation of Carbon Dioxide with Epoxides by Using a Carbon Dioxide Balloon. <i>Catalysis Letters</i> , 2020, 150, 2254-2266.	1.4	8
15	A new class of organoplatinum-based DFNS for the production of cyclic carbonates from olefins and CO ₂ . <i>RSC Advances</i> , 2020, 10, 15044-15051.	1.7	8
16	DFNS/PEI/Cu Nanocatalyst for Reduction of Nitro-aromatic Compounds. <i>Catalysis Letters</i> , 2021, 151, 1653-1662.	1.4	8
17	ZnO nanoparticles supported on dendritic fibrous nanosilica as efficient catalysts for the one-pot synthesis of quinazoline-2,4(1 <i>H</i> ,3 <i>H</i>)-diones. <i>RSC Advances</i> , 2021, 11, 37103-37111.	1.7	8
18	Sulfate-selective electrode based on a bis-thiourea ionophore. <i>Monatshefte für Chemie</i> , 2013, 144, 113-120.	0.9	7

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19	Functionalized single-walled carbon nanotube for ketamine sensing: DFT and MD studies. <i>Structural Chemistry</i> , 2018, 29, 1807-1815.	1.0	7
20	Sulfated zirconium oxide-decorated magnetite KCC-1 as a durable and recyclable adsorbent for the efficient removal of asphaltene from crude oil. <i>RSC Advances</i> , 2021, 11, 26174-26187.	1.7	7
21	Upregulation of biochemical and biophysical properties of cell-laden microfiber, silk-hyaluronic acid composite. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 700-710.	3.6	7
22	A Comparison of the Chemical Composition of Flowering Shoot <i>Thymus kotschyanus</i> and <i>Thymus vulgaris</i> by using GC-Mass and Antimicrobial Effects of the Bacteria <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1639-1647.	0.7	6
23	Nanofibrous rhodium with a new morphology for the hydrogenation of CO ₂ to formate. <i>New Journal of Chemistry</i> , 2019, 43, 4489-4496.	1.4	6
24	Synthesis and characterization of a novel TEMPO@FeNi ₃ /DFNS-laccase magnetic nanocomposite for the reduction of nitro compounds. <i>RSC Advances</i> , 2020, 10, 27297-27304.	1.7	5
25	FeNi ₃ magnetic nanoparticles supported on ruthenium silicate-functionalized DFNS for photocatalytic CO ₂ reduction to formate. <i>RSC Advances</i> , 2020, 10, 20536-20542.	1.7	5
26	Fixing CO ₂ into β -Oxopropylcarbamatesin by Palladium NPs Supported on Magnetic Fibrous Silica Ionic Gelation. <i>Catalysis Letters</i> , 2021, 151, 582-592.	1.4	5
27	Green synthesis of PbCrO ₄ nanostructures using gum of ferula assa-foetida for enhancement of visible-light photocatalytic activity. <i>RSC Advances</i> , 2018, 8, 40934-40940.	1.7	4
28	Mesoporous Sn(IV) Doping DFNS Supported BaMnO ₃ Nanoparticles for Formylation of Amines Using Carbon Dioxide. <i>Catalysis Letters</i> , 2021, 151, 573-581.	1.4	4
29	Potassium Thiocyanate as an Efficient Catalyst in One-Pot Reaction of Dialkyl Acetylenedicarboxylates with Indane-1,3-Dione. <i>Journal of Chemical Research</i> , 2013, 37, 458-459.	0.6	3
30	Reaction of Aryl Isothiocyanate with Pyridines and Dialkyl Acetylenedicarboxylates to Afford Novel Heterocycles. <i>Journal of Chemical Research</i> , 2013, 37, 455-457.	0.6	3
31	Magnetic fibrous silica mesoporous as a selective and efficient system for removal of Cd(II) ions with a focus on optimization by response surface methodology. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 849-867.	1.8	3
32	Inflammatory, oxidative stress and cognitive functions in patients under maintenance treatment with methadone or buprenorphine and healthy subjects. <i>Journal of Clinical Neuroscience</i> , 2022, 101, 57-62.	0.8	3
33	Three-Component One-Pot Reactions of N-Methylimidazole with Dialkyl Acetylenedicarboxylates in the Presence of Aryl Cyanides. <i>Journal of Chemical Research</i> , 2014, 38, 247-248.	0.6	2
34	A Facile Route to the synthesis of 1,3,4-Oxadiazoline Derivatives. <i>Journal of Chemical Research</i> , 2014, 38, 496-497.	0.6	2
35	Thermodynamic modeling of naringenin protonation equilibria in NaClO ₄ aqueous solutions by specific ion interaction theory and Pitzer equations. <i>Journal of Chemical Sciences</i> , 2015, 127, 1067-1074.	0.7	2
36	A versatile supported silver for heterogeneously catalysed processes: Synthesis of α -acyloxyindolines solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4130.	1.7	2

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37	Effects of GO/Al ₂ O ₃ and Al ₂ O ₃ Nanoparticles on Concrete Durability against High Temperature, Freeze-Thaw Cycles, and Acidic Environments. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-12.	0.4	2
38	One-Pot Three-Component Reaction between 8-Hydroxyquinoline, Ammonium Thiocyanate and Aroyl Chlorides in the Presence of N-Methylimidazole Under Solvent-Free Conditions. <i>Journal of Chemical Research</i> , 2014, 38, 249-250.	0.6	1
39	Synthesis of 2-Selanylidene-1,9A-Dihydro-2H-Pyrido[1,2-A]Pyrimidine Derivatives. <i>Journal of Chemical Research</i> , 2018, 42, 377-379.	0.6	1
40	Photooxidation of triarylphosphines under aerobic conditions in the presence of a gold(III) complex on cellulose extracted from <i>Carthamus tinctorius</i> immobilized on nanofibrous phosphosilicate. <i>RSC Advances</i> , 2019, 9, 1509-1516.	1.7	1
41	A molecular approach on the ability of functionalized single walled carbon nanotube for cathinone sensing. <i>RSC Advances</i> , 2019, 9, 21852-21858.	1.7	0
42	Food Quality Monitoring Based on Hydrolysis-Induced Au-Catalyzed Heck Cross-Coupling by Ag Metallization. <i>Journal of Sensors</i> , 2021, 2021, 1-9.	0.6	0
43	ZSM-5/Fe ₃ O ₄ and ZSM-5/Fibrous Cellulose as Two Durable and Recyclable Adsorbents for Efficient Removal of Asphaltenes from Crude Oil. <i>Petroleum Chemistry</i> , 2022, 62, 594-609.	0.4	0