# Rahele Zhiani

List of Publications by Year
in descending order



| 43 | 411 | 933447 10 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 43 | 43 | 43 | 484 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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<sub>2</sub> metalâ€“organic frameworks (MOFs) with tetrathia-azacyclopentadecane. New Journal of Chemistry, 2018, 42, 988-994. | 2.8 | 54 |
| 2 | Synthesis of benzimidazolones by immobilized gold nanoparticles on chitosan extracted from shrimp shells supported on fibrous phosphosilicate. RSC Advances, 2019, 9, 6494-6501. | 3.6 | 32 |
| 3 | Pd/APTPOSS@KCC-1 as a new and efficient support catalyst for Câ€“H activation. RSC Advances, 2017, 7, 24885-24894. | 3.6 | 29 |
| 4 | Spirulina (Arthrospira) platensis Supported Ionic Liquid as a Catalyst for the Synthesis of 3-Aryl-2-oxazolidinones from Carbon Dioxide, Epoxide, Anilines. Catalysis Letters, 2018, 148, 119-124. | 2.6 | 29 |
| 5 | Synthesis of pyrazolo[4,3-e][1,2,4]triazolo[4,3-c]pyrimidines. Monatshefte FÃ¼r Chemie, 2008, 139, 1405-1407. | 1.8 | 28 |
| 6 | Synthesis of 3-Acyloxylindolines under mild conditions using tripolyphosphate-grafted KCC-1-NH2. Microporous and Mesoporous Materials, 2018, 257, 147-153. | 4.4 | 28 |
| 7 | Ni@Pd nanoparticles supported on ionic liquidâ€functionalized KCCâ€1 as robust and recyclable nanocatalysts for cycloaddition of propargylic amines and CO<sub>2</sub>. Applied Organometallic Chemistry, 2018, 32, e3941. | 3.5 | 27 |
| 8 | Fixing CO<sub>2</sub> into Î²-oxopropylcarbamates in neat condition by ionic gelation/Ag(<scp>i</scp>) supported on dendritic fibrous nanosilica. RSC Advances, 2019, 9, 16955-16965. | 3.6 | 14 |
| 9 | Co-immobilization of Laccase and TEMPO onto Glycidyloxypropyl Functionalized Fibrous Phosphosilicate Nanoparticles for Fixing CO2 into Î²-Oxopropylcarbamatesin. Catalysis Letters, 2019, 149, 3465-3475. | 2.6 | 12 |
| 10 | Synthesis of spiroindenopyridazine-4H-pyran derivatives using Cr-based catalyst complexes supported on KCC-1 in aqueous solution. RSC Advances, 2018, 8, 6259-6266. | 3.6 | 10 |
| 11 | Competitive adsorption of arsenic and mercury on nano-magnetic activated carbons derived from hazelnut shell. Korean Journal of Chemical Engineering, 2022, 39, 367-376. | 2.7 | 10 |
| 12 | KCC-1/GMSI/VB12 as a new nano catalyst for the carbonylative Suzukiâ€“Miyaura crosscoupling reaction. RSC Advances, 2017, 7, 32139-32145. | 3.6 | 9 |
| 13 | Câ€“C coupling reactions using a gold(<scp>iii</scp>) phosphorus complex confined within metalâ€“organic framework fibers in aqueous solution. RSC Advances, 2017, 7, 50838-50843. | 3.6 | 9 |
| 14 | Synthesis of Ionic Liquids as Novel Nanocatalysts for Fixation of Carbon Dioxide with Epoxides by Using a Carbon Dioxide Balloon. Catalysis Letters, 2020, 150, 2254-2266. | 2.6 | 8 |
| 15 | A new class of organoplatinum-based DFNS for the production of cyclic carbonates from olefins and CO<sub>2</sub>. RSC Advances, 2020, 10, 15044-15051. | 3.6 | 8 |
| 16 | DFNS/PEI/Cu Nanocatalyst for Reduction of Nitro-aromatic Compounds. Catalysis Letters, 2021, 151, 1653-1662. | 2.6 | 8 |
| 17 | ZnO nanoparticles supported on dendritic fibrous nanosilica as efficient catalysts for the one-pot synthesis of quinazoline-2,4(1H,3H)-diones. RSC Advances, 2021, 11, 37103-37111. | 3.6 | 8 |
| 18 | Sulfate-selective electrode based on a bis-thiourea ionophore. Monatshefte FÃ¼r Chemie, 2013, 144, 113-120. | 1.8 | 7 |

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|---|---|---|---|
| 19 | Functionalized single-walled carbon nanotube for ketamine sensing: DFT and MD studies. Structural Chemistry, 2018, 29, 1807-1815. | 2.0 | 7 |
| 20 | Sulfated zirconium oxide-decorated magnetite KCC-1 as a durable and recyclable adsorbent for the efficient removal of asphaltene from crude oil. RSC Advances, 2021, 11, 26174-26187. | 3.6 | 7 |
| 21 | Upregulation of biochemical and biophysical properties of cell-laden microfiber, silk-hyaluronic acid composite. International Journal of Biological Macromolecules, 2022, 211, 700-710. | 7.5 | 7 |
| 22 | A Comparison of the Chemical Composition of Flowering Shoot Thymus kotschyanus and Thymus vulgaris by using GC-Mass and Antimicrobial Effects of the Bacteria Staphylococcus aureus and Pseudomonas aeruginosa. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 1639-1647. | 1.9 | 6 |
| 23 | Nanofibrous rhodium with a new morphology for the hydrogenation of CO<sub>2</sub>to formate. New Journal of Chemistry, 2019, 43, 4489-4496. | 2.8 | 6 |
| 24 | Synthesis and characterization of a novel TEMPO@FeNi<sub>3</sub>/DFNSâ€“laccase magnetic nanocomposite for the reduction of nitro compounds. RSC Advances, 2020, 10, 27297-27304. | 3.6 | 5 |
| 25 | FeNi<sub>3</sub> magnetic nanoparticles supported on ruthenium silicate-functionalized DFNS for photocatalytic CO<sub>2</sub> reduction to formate. RSC Advances, 2020, 10, 20536-20542. | 3.6 | 5 |
| 26 | Fixing CO2 into Î²-Oxopropylcarbamatesin by Palladium NPs Supported on Magnetic Fibrous Silica Ionic Gelation. Catalysis Letters, 2021, 151, 582-592. | 2.6 | 5 |
| 27 | Green synthesis of PbCrO<sub>4</sub> nanostructures using gum of ferula assa-foetida for enhancement of visible-light photocatalytic activity. RSC Advances, 2018, 8, 40934-40940. | 3.6 | 4 |
| 28 | Mesoporous Sn(IV) Doping DFNS Supported BaMnO3 Nanoparticles for Formylation of Amines Using Carbon Dioxide. Catalysis Letters, 2021, 151, 573-581. | 2.6 | 4 |
| 29 | Potassium Thiocyanate as an Efficient Catalyst in One-Pot Reaction of Dialkyl Acetylenedicarboxylates with Indane-1,3-Dione. Journal of Chemical Research, 2013, 37, 458-459. | 1.3 | 3 |
| 30 | Reaction of Aryl Isothiocyanate with Pyridines and Dialkyl Acetylenedicarboxylates to Afford Novel Heterocycles. Journal of Chemical Research, 2013, 37, 455-457. | 1.3 | 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. International Journal of Environmental Analytical Chemistry, 2023, 103, 849-867. | 3.3 | 3 |
| 32 | Inflammatory, oxidative stress and cognitive functions in patients under maintenance treatment with methadone or buprenorphine and healthy subjects. Journal of Clinical Neuroscience, 2022, 101, 57-62. | 1.5 | 3 |
| 33 | Three-Component One-Pot Reactions of N-Methylimidazole with Dialkyl Acetylenedicarboxylates in the Presence of Aroyl Cyanides. Journal of Chemical Research, 2014, 38, 247-248. | 1.3 | 2 |
| 34 | A Facile Route to the synthesis of 1,3,4-Oxadiazoline Derivatives. Journal of Chemical Research, 2014, 38, 496-497. | 1.3 | 2 |
| 35 | Thermodynamic modeling of naringenin protonation equilibria in NaClO4 aqueous solutions by specific ion interaction theory and Pitzer equations. Journal of Chemical Sciences, 2015, 127, 1067-1074. | 1.5 | 2 |
| 36 | A versatile supported silver for heterogeneously catalysed processes: Synthesis of 3â€Acyloxylindolines solventâ€free conditions. Applied Organometallic Chemistry, 2018, 32, e4130. | 3.5 | 2 |

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|---|---|---|---|
| 37 | Effects of GO/Al2O3 and Al2O3 Nanoparticles on Concrete Durability against High Temperature, Freeze-Thaw Cycles, and Acidic Environments. Advances in Civil Engineering, 2021, 2021, 1-12. | 0.7 | 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. Journal of Chemical Research, 2014, 38, 249-250. | 1.3 | 1 |
| 39 | Synthesis of 2-Selanylidene-1,9A-Dihydro-2H-Pyrido[1,2-A]Pyrimidine Derivatives. Journal of Chemical Research, 2018, 42, 377-379. | 1.3 | 1 |
| 40 | Photooxidation of triarylphosphines under aerobic conditions in the presence of a gold(<scp>iii</scp>) complex on cellulose extracted from Carthamus tinctorius immobilized on nanofibrous phosphosilicate. RSC Advances, 2019, 9, 1509-1516. | 3.6 | 1 |
| 41 | A molecular approach on the ability of functionalized single walled carbon nanotube for cathinone sensing. RSC Advances, 2019, 9, 21852-21858. | 3.6 | 0 |
| 42 | Food Quality Monitoring Based on Hydrolysis-Induced Au-Catalyzed Heck Cross-Coupling by Ag Metallization. Journal of Sensors, 2021, 2021, 1-9. | 1.1 | 0 |
| 43 | ZSM-5/Fe3O4 and ZSM-5/Fibrous Cellulose as Two Durable and Recyclable Adsorbents for Efficient Removal of Asphaltenes from Crude Oil. Petroleum Chemistry, 2022, 62, 594-609. | 1.4 | 0 |