

# Fatemeh Rajabi

## List of Publications by Year in descending order

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38  
papers

860  
citations

471509

17  
h-index

501196

28  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1172  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Palladium Nâ€Heterocyclic Carbene Catalyst Allowing the Suzukiâ€Miyaura Crossâ€Coupling of Aryl Chlorides and Arylboronic Acids at Room Temperature in Aqueous Solution. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1873-1877.	4.3	88
2	Efficient and Highly Selective Aqueous Oxidation of Sulfides to Sulfoxides at Room Temperature Catalysed by Supported Iron Oxide Nanoparticles on SBAâ€15. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2060-2066.	4.3	77
3	Unprecedented Selective Oxidation of Styrene Derivatives using a Supported Iron Oxide Nanocatalyst in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1707-1711.	4.3	72
4	A silica supported cobalt (II) Salen complex as efficient and reusable catalyst for the selective aerobic oxidation of ethyl benzene derivatives. <i>Catalysis Communications</i> , 2011, 12, 510-513.	3.3	67
5	Supported iron oxide nanoparticles: Recoverable and efficient catalyst for oxidative S-S coupling of thiols to disulfides. <i>Catalysis Communications</i> , 2013, 40, 13-17.	3.3	48
6	Aqueous oxidation of alcohols catalysed by recoverable iron oxide nanoparticles supported on aluminosilicates. <i>Green Chemistry</i> , 2013, 15, 1232.	9.0	43
7	Heterogeneously catalysed Strecker-type reactions using supported Co(ii) catalysts: microwave vs. conventional heating. <i>Green Chemistry</i> , 2011, 13, 3282.	9.0	35
8	An Efficient and Green Synthesis of Benzimidazole Derivatives Using SBA-15 Supported Cobalt Nanocatalysts. <i>Catalysis Letters</i> , 2015, 145, 1566-1570.	2.6	31
9	Cytosine-functionalized SBA-15 mesoporous nanomaterials: Synthesis, characterization and catalytic applications. <i>Microporous and Mesoporous Materials</i> , 2017, 253, 64-70.	4.4	31
10	A Brønsted acidic, ionic liquid containing, heteropolyacid functionalized polysiloxane network as a highly selective catalyst for the esterification of dicarboxylic acids. <i>Green Chemistry</i> , 2020, 22, 4438-4444.	9.0	28
11	Oxidative esterification of alcohols and aldehydes using supported iron oxide nanoparticle catalysts. <i>Catalysis Communications</i> , 2015, 59, 101-103.	3.3	25
12	Aqueous synthesis of 1,8-dioxo-octahydroxanthenes using supported cobalt nanoparticles as a highly efficient and recyclable nanocatalyst. <i>Catalysis Communications</i> , 2019, 120, 95-100.	3.3	24
13	The recent development of donepezil structure-based hybrids as potential multifunctional anti-Alzheimer's agents: highlights from 2010 to 2020. <i>RSC Advances</i> , 2021, 11, 30781-30797.	3.6	24
14	Solventless acetylation of alcohols and phenols catalyzed by supported iron oxide nanoparticles. <i>Catalysis Communications</i> , 2014, 45, 129-132.	3.3	22
15	Solvent-Free Esterification of Carboxylic Acids Using Supported Iron Oxide Nanoparticles as an Efficient and Recoverable Catalyst. <i>Materials</i> , 2016, 9, 557.	2.9	22
16	An Efficient Synthesis of Coumarin Derivatives Using a SBA-15 Supported Cobalt(II) Nanocatalyst. <i>Catalysis Letters</i> , 2015, 145, 1621-1625.	2.6	20
17	Supported cobalt oxide nanoparticles as efficient catalyst in esterification and amidation reactions. <i>Catalysis Communications</i> , 2015, 59, 122-126.	3.3	20
18	Electrostatic Grafting of a Palladium Nâ€Heterocyclic Carbene Catalyst on a Periodic Mesoporous Organosilica and its Application in the Suzukiâ€Miyaura Reaction. <i>ChemCatChem</i> , 2015, 7, 3513-3518.	3.7	17

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19	Solvent-Free Preparation of 1,8-Dioxo-Octahydroxanthenes Employing Iron Oxide Nanomaterials. <i>Materials</i> , 2019, 12, 2386.	2.9	16
20	An efficient renewable-derived surfactant for aqueous esterification reactions. <i>RSC Advances</i> , 2014, 4, 5152.	3.6	15
21	Copper Tridentate Schiff Base Complex Supported on SBA-15 as Efficient Nanocatalyst for Three-Component Reactions under Solventless Conditions. <i>Materials</i> , 2018, 11, 2458.	2.9	15
22	An Efficient and Recyclable Nanoparticle-Supported Cobalt Catalyst for Quinoxaline Synthesis. <i>Molecules</i> , 2015, 20, 20709-20718.	3.8	13
23	Synthesis and Characterization of Novel Pyridine Periodic Mesoporous Organosilicas and Its Catalytic Activity in the Knoevenagel Condensation Reaction. <i>Materials</i> , 2020, 13, 1097.	2.9	12
24	A versatile supported cobalt(ii) complex for heterogeneously catalysed processes: conventional vs. microwave irradiation protocols. <i>Catalysis Science and Technology</i> , 2011, 1, 1051.	4.1	11
25	Highly ordered mesoporous functionalized pyridinium protic ionic liquids framework as efficient system in esterification reactions for biofuels production. <i>Molecular Catalysis</i> , 2020, 498, 111238.	2.0	11
26	Synthesis and characterization of a 4-nitrophenyl functionalized NHC ligand and its palladium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 101-107.	1.8	10
27	One-Pot Green Synthesis of Novel Polysubstituted 1,2-Dihydronaphtho[2,1-b]furans. <i>Synthetic Communications</i> , 2015, 45, 1311-1320.	2.1	10
28	Efficient Room-Temperature Silylation of Alcohols Using a SBA-15 Supported Cobalt(II) Nanocatalyst. <i>Chemistry and Biodiversity</i> , 2012, 9, 1823-1828.	2.1	8
29	One-pot Synthesis of Novel 3-(Aryl(heteroaryl amino)methyl)chromene Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2971-2976.	2.6	7
30	Highly ordered Nanomaterial Functionalized Copper Schiff Base Framework: Synthesis, Characterization, and Hydrogen Peroxide Decomposition Performance. <i>Catalysts</i> , 2017, 7, 216.	3.5	6
31	Cytosine Palladium Hybrid Complex Immobilized on SBA-15 as Efficient Heterogeneous Catalyst for the Aqueous Suzuki-Miyaura Coupling. <i>ChemistrySelect</i> , 2018, 3, 6102-6106.	1.5	5
32	Supported phosphine free bis-NHC palladium pincer complex: An efficient reusable nanocatalyst for Suzuki-Miyaura coupling reaction. <i>Molecular Catalysis</i> , 2021, 515, 111928.	2.0	5
33	Highly efficient and selective aqueous aerobic oxidation of sulfides to sulfoxides or sulfones catalyzed by tungstate-functionalized nanomaterial. <i>Molecular Catalysis</i> , 2021, 515, 111931.	2.0	5
34	Tungstate ion (WO <sub>4</sub> <sup>2-</sup> ) confined in hydrophilic/hydrophobic nanomaterials functionalized by acidic ionic liquid as highly active catalyst in the selective aerobic oxidation of alcohols in water. <i>Molecular Catalysis</i> , 2020, 497, 111202.	2.0	4
35	Highly ordered mesoporous functionalized pyridinium protic ionic liquid framework as a highly efficient catalytic system in chemoselective thioacetalization of carbonyl compounds under solvent-free conditions. <i>Molecular Catalysis</i> , 2021, 515, 111919.	2.0	4
36	Highly ordered mesoporous hybrid silica functionalized with ionic liquid framework supported copper and its application in the oxidation of alcohols. <i>Molecular Catalysis</i> , 2021, 516, 111898.	2.0	3

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37	Efficient Synthesis of Dihydropyrimidines Using a Highly Ordered Mesoporous Functionalized Pyridinium Organosilica. <i>Catalysts</i> , 2022, 12, 350.	3.5	3
38	Cytosine Palladium Complex Supported on Ordered Mesoporous Silica as Highly Efficient and Reusable Nanocatalyst for One-Pot Oxidative Esterification of Aldehydes. <i>Catalysts</i> , 2021, 11, 1482.	3.5	3