

# Reihaneh Malakooti

## List of Publications by Year in descending order

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32  
papers

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687363

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501196

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docs citations

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1131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Synthesis of Ultrathin Bi <sub>2</sub> S <sub>3</sub> Necklace Nanowires. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3814-3817.	13.8	138
2	Shape-Controlled Bi <sub>2</sub> S <sub>3</sub> Nanocrystals and Their Plasma Polymerization into Flexible Films. <i>Advanced Materials</i> , 2006, 18, 2189-2194.	21.0	122
3	Immobilized Vitamin B12 within nanoreactors of MCM-41 as selective catalyst for oxidation of organic substrates. <i>Journal of Molecular Catalysis A</i> , 2006, 244, 252-257.	4.8	47
4	Ultrathin Sb <sub>2</sub> S <sub>3</sub> nanowires and nanoplatelets. <i>Journal of Materials Chemistry</i> , 2008, 18, 66-69.	6.7	44
5	Palladium Schiff-base complex loaded SBA-15 as a novel nanocatalyst for the synthesis of 2,3-disubstituted quinoxalines and pyridopyrazine derivatives. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 67-74.	4.4	41
6	Covalent anchoring of copper-Schiff base complex into SBA-15 as a heterogeneous catalyst for the synthesis of pyridopyrazine and quinoxaline derivatives. <i>Catalysis Communications</i> , 2012, 27, 49-53.	3.3	36
7	Electrocatalytic oxidation and determination of dexamethasone at an Fe <sub>3</sub> O <sub>4</sub> /PANI-Cu <sup>II</sup> microsphere modified carbon ionic liquid electrode. <i>RSC Advances</i> , 2017, 7, 11322-11330.	3.6	31
8	Facile synthesis of pure non-monoclinic zirconia nanoparticles and their catalytic activity investigations for Knoevenagel condensation. <i>RSC Advances</i> , 2013, 3, 22353.	3.6	25
9	Zirconium Schiff-Base Complex Modified Mesoporous Silica as an Efficient Catalyst for the Synthesis of Nitrogen Containing Pyrazine Based Heterocycles. <i>Catalysis Letters</i> , 2013, 143, 853-861.	2.6	22
10	Magnetic iron oxide nanoparticles embedded in SBA-15 silica wall as a green and recoverable catalyst for the oxidation of alcohols and sulfides. <i>Journal of Saudi Chemical Society</i> , 2017, 21, S17-S24.	5.2	20
11	Nanoporous calcined MCM-41 silica for adsorption and removal of Victoria blue dye from different natural water samples. <i>Desalination and Water Treatment</i> , 2016, 57, 5903-5913.	1.0	18
12	An iron Schiff base complex loaded mesoporous silica nanoreactor as a catalyst for the synthesis of pyrazine-based heterocycles. <i>Transition Metal Chemistry</i> , 2014, 39, 47-54.	1.4	16
13	Environmentally benign and highly regioselective ring opening of epoxides accelerated by ultrasound irradiation. <i>Green Chemistry Letters and Reviews</i> , 2016, 9, 76-84.	4.7	11
14	A New Strategy for the Synthesis of 3-Acylcoumarin Using Mesoporous Molecular Sieve MCM-41 as a Novel and Efficient Catalyst. <i>Chinese Journal of Chemistry</i> , 2009, 27, 968-970.	4.9	10
15	Green and Novel Protocol for One-Pot Synthesis of $\alpha$ -Acetamido Carbonyl Compounds Using Mn(bpdo) <sub>2</sub> Cl <sub>2</sub> /MCM-41 Catalyst. <i>Synthetic Communications</i> , 2010, 40, 1180-1186.	2.1	10
16	Supported Palladium Oxide Nanoparticles in SBA-15 as a Heterogeneous Catalyst for the Aerobic Oxidation of Alcohols. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1039-1044.	1.4	10
17	Supported palladium oxide nanoparticles in Al-SBA-15 as an efficient and reusable catalyst for the synthesis of pyranopyrazole and benzylpyrazolyl coumarin derivatives via multicomponent reactions. <i>Research on Chemical Intermediates</i> , 2022, 48, 203-234.	2.7	10
18	[Cu(bpdo) <sub>2</sub> ·2H <sub>2</sub> O] <sub>2</sub> <sup>+</sup> -supported SBA-15 nanocatalyst for efficient one-pot synthesis of benzoxanthenone and benzochromene derivatives. <i>Comptes Rendus Chimie</i> , 2013, 16, 799-806.	0.5	9

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19	MoO <sub>3</sub> -pyridine organo-inorganic hybrid wires as a reusable and highly selective catalyst for the oxidation of alcohols: a comparison study between reaction-controlled phase-transfer catalysis and heterogeneous catalysis. <i>New Journal of Chemistry</i> , 2017, 41, 3405-3413.	2.8	9
20	Mn-grafted imine-functionalized mesoporous SBA-15 as an efficient catalyst for Knoevenagel condensation under mild conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 241-255.	1.7	8
21	Inside Cover: Large-Scale Synthesis of Ultrathin Bi <sub>2</sub> S <sub>3</sub> Necklace Nanowires ( <i>Angew. Chem. Int. Ed.</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 13.8	13.8	7
22	Easy Scale-Up Synthesis of Mo <sub>8</sub> O <sub>26</sub> (C <sub>5</sub> H <sub>6</sub> N) <sub>4</sub> .H <sub>2</sub> O Hybrid with a Rectangular Prism Morphology and Its Application as an Efficient and Highly Recyclable Bi-functional Catalyst for Knoevenagel Condensations. <i>ChemistrySelect</i> , 2019, 4, 2551-2561.	1.5	7
23	MoO <sub>3</sub> Nanoparticles Synthesis via Hydro-Solvothermal Technique and Its Application as Catalyst for Efficient Ring Opening of Epoxides With Amines Under Solvent-Free Conditions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 1401-1406.	0.6	6
24	[Cu(bpdo) <sub>2</sub> ·2H <sub>2</sub> O] <sub>2</sub> /montmorillonite: a highly effective and recyclable catalyst for the synthesis of 2-amino-4H-chromenes, 2-amino-4H-benzopyrans and spiroacenaphthylene derivatives via MCR in aqueous media. <i>Research on Chemical Intermediates</i> , 2022, 48, 3143-3169.	2.7	5
25	Mesoporous Molecular Sieve MCM-41 as a Novel and Efficient Catalyst to Synthesis of 2-Substituted Benzimidazoles. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1129-1132.	1.4	4
26	Synthesis of 2-substituted benzimidazoles and 2-aryl-1H-benzimidazoles using [Zn(bpdo) <sub>2</sub> ·2H <sub>2</sub> O] <sub>2</sub> /MCM-41 catalyst under solvent-free conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 111, 663-677.	1.7	3
27	Fast and efficient adsorption of azure (II) on nanoporous MCM-41 for its removal, preconcentration and determination in biological matrices. <i>Journal of Porous Materials</i> , 2014, 21, 413-421.	2.6	3
28	An Investigation into the Magnetic Properties of Nickel Nano-grains Synthesized Via Thermal Decomposition Techniques. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1119-1123.	4.9	2
29	Scaled-up, selective and green synthesis of sulfoxides under mild conditions using (Ce III & Mo VI)O <sub>x</sub> /aniline hybrid rods as an efficient catalyst. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5237.	3.5	2
30	Solvent Free Highly Dispersed Zinc Oxide within Confined Space of Al-Containing SBA-15 as an Efficient Catalyst for Knoevenagel Condensation. <i>Letters in Organic Chemistry</i> , 2014, 11, 457-464.	0.5	2
31	Steady State Thermoelasticity of Hollow Nanospheres. <i>Journal of Computational and Theoretical Nanoscience</i> , 2011, 8, 1727-1731.	0.4	1
32	Preparation and Characterization of Magnetic Polypyrrole Composite Microspheres Decorated with Copper (II) As A Sensing Platform for Electrochemical Detection of Carbamazepine. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 19-34.	0.5	0