Raed Abu-Reziq

List of Publications by Year
in descending order

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		394421	243625
46	2,158	19	44
papers	citations	h-index	g-index

49	49	49	2958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfonium cations as versatile strongly Ï€-acidic ligands. Chemical Science, 2022, 13, 4770-4778.	7.4	4
2	Dynamic Spin-Controlled Enantioselective Catalytic Chiral Reactions. Journal of Physical Chemistry Letters, 2021, 12, 5469-5472.	4.6	17
3	Preparation of Poly(ethylene glycol)@Polyurea Microcapsules Using Oil/Oil Emulsions and Their Application as Microreactors. Polymers, 2021, 13, 2566.	4.5	9
4	Visible-light-driven Cr(<scp>vi</scp>) reduction by ferrocene-integrated conjugated porous polymers via dual catalytic routes. Chemical Communications, 2021, 57, 4886-4889.	4.1	11
5	One-pot construction of nitrogen-rich polymeric ionic porous networks for effective CO₂ capture and fixation. Polymer Chemistry, 2021, 13, 121-129.	3.9	3
6	Poly(ethylene glycol)@Silica hybrid microparticles prepared via a non-aqueous sol-gel process: A method for merging both classes of hybrid materials. Materialia, 2020, 9, 100526.	2.7	6
7	High-Complexity WO3-Based Catalyst with Multi-Catalytic Species via 3D Printing. Catalysts, 2020, 10, 840.	3.5	16
8	Magnetically Separable Chiral Periodic Mesoporous Organosilica Nanoparticles. Applied Sciences (Switzerland), 2020, 10, 5960.	2.5	4
9	Highly Active Ruthenium Catalyst Supported on Magnetically Separable Mesoporous Organosilica Nanoparticles. Applied Sciences (Switzerland), 2020, 10, 5769.	2.5	4
10	Magnetic Polyurea Nano-Capsules Synthesized via Interfacial Polymerization in Inverse Nano-Emulsion. Molecules, 2019, 24, 2663.	3.8	13
11	Preparation of catalytic deep eutectic solvent-based silica microreactors using a non-aqueous solâ€“gel route. Journal of Materials Chemistry A, 2019, 7, 2242-2252.	10.3	14
12	Optical rotation kinetics study of the polycondensation of chiral sol-gel precursors. Journal of Sol-Gel Science and Technology, 2019, 90, 149-154.	2.4	1
13	Biocatalytic cascades driven by enzymes encapsulated in metalâ€“organic framework nanoparticles. Nature Catalysis, 2018, 1, 689-695.	34.4	494
14	Chiral Polymeric Nanocapsules and Their Use for Conformational Deracemization of Liquid Crystals. Journal of Physical Chemistry C, 2018, 122, 17936-17941.	3.1	3
15	Enantioselective Separation of Racemic Tryptophan with Sonochemically Prepared Egg Albumin Microspheres. ChemistrySelect, 2018, 3, 4004-4008.	1.5	6
16	Functional Particulated Ionic Liquid-Based Silica Microcapsules. , 2017, , 29-38.		0
17	Mimicking Horseradish Peroxidase and NADH Peroxidase by Heterogeneous Cu²⁺-Modified Graphene Oxide Nanoparticles. Nano Letters, 2017, 17, 2043-2048.	9.1	190
18	Ionic liquid-based polymeric microreactors and their applicability. Journal of Materials Science, 2017, 52, 10637-10647.	3.7	14

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19	Chiral enantiopure organosilane precursors for the synthesis of periodic mesoporous organosilicas. Tetrahedron: Asymmetry, 2017, 28, 1675-1685.	1.8	5
20	Rhodium-complexed hyperbranched poly(ethyleneimine) and polyamidoamine and their non-covalent immobilization on magnetic nanoparticles. Journal of Organometallic Chemistry, 2016, 818, 48-57.	1.8	6
21	Functionalized Magnetic Mesoporous Silica Nanoparticleâ€Supported Palladium Catalysts for Carbonylative Sonogashira Coupling Reactions of Aryl Iodides. ChemCatChem, 2015, 7, 2230-2240.	3.7	34
22	Homogeneous and Semiâ€Heterogeneous Magnetically Retrievable Bisâ€Nâ€Heterocyclic Carbene Rhodium(I) Based Catalysts for Selective Hydroaminomethylation Reactions. European Journal of Organic Chemistry, 2015, 2015, 1961-1969.	2.4	13
23	Catalysis with solid lipid particles. Journal of Materials Science, 2015, 50, 2747-2758.	3.7	3
24	Chiral Ruthenium Catalyst Immobilized within Magnetically Retrievable Mesoporous Silica Microcapsules for Aqueous Asymmetric Transfer Hydrogenations. European Journal of Inorganic Chemistry, 2015, 2015, 2101-2109.	2.0	12
25	Encapsulation of ionic liquid BMIm[PF6] within polyurea microspheres. Reactive and Functional Polymers, 2015, 96, 32-38.	4.1	21
26	Palladium nanoparticles immobilized on magnetic nanoparticles: An efficient semi-heterogeneous catalyst for carbonylation of aryl bromides. Catalysis Communications, 2015, 61, 31-36.	3.3	17
27	Palladium Nanoparticles Supported on Magnetic Organic-Silica Hybrid Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 30045-30056.	3.1	36
28	Palladium nanoparticles encapsulated in magnetically separable polymeric nanoreactors. Journal of Materials Chemistry A, 2014, 2, 3971-3977.	10.3	18
29	Immobilization of palladium catalyst on magnetically separable polyurea nanosupport. RSC Advances, 2014, 4, 48299-48309.	3.6	13
30	BMIm-PF₆@SiO₂ Microcapsules: Particulated Ionic Liquid as A New Material for the Heterogenization of Catalysts. Chemistry of Materials, 2014, 26, 4781-4787.	6.7	41
31	Magnetically Separable Base Catalysts: Heterogeneous Catalysis vs. Quasi-Homogeneous Catalysis. Applied Sciences (Switzerland), 2012, 2, 260-276.	2.5	19
32	Hydrogenation of arenes, alkenes and alkynes catalyzed by a solâ€“gel entrapped mixture of [Rh(cod)Cl]2 and Na[HRu3(CO)11]. Journal of Molecular Catalysis A, 2008, 290, 30-34.	4.8	9
33	Separable Catalysts in One-Pot Syntheses for Greener Chemistry. Chemistry of Materials, 2008, 20, 2544-2550.	6.7	91
34	Entrapment of an Organometallic Complex within a Metal: A Concept for Heterogeneous Catalysis. Journal of the American Chemical Society, 2008, 130, 11880-11882.	13.7	47
35	Platinum Nanoparticles Supported on Ionic Liquidâ€Modified Magnetic Nanoparticles: Selective Hydrogenation Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 2145-2150.	4.3	148
36	Metal Supported on Dendronized Magnetic Nanoparticles:Â Highly Selective Hydroformylation Catalysts. Journal of the American Chemical Society, 2006, 128, 5279-5282.	13.7	464

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37	Sol-Gel Entrapped Pyridinium Hydrobromide Perbromide as a Recyclable Bromination Agent: Its Application to a One-Pot Bromination and Dehydrobromination Process. European Journal of Organic Chemistry, 2006, 2006, 1396-1399.	2.4	17
38	Three-Phase Microemulsion/Sol-Gel System for Aqueous Catalytic Hydroformylation of Hydrophobic Alkenes. European Journal of Organic Chemistry, 2005, 2005, 3640-3642.	2.4	23
39	Heck Vinylation of Aryl Iodides by a Silica Solâ€"Gel Entrapped Pd(II) Catalyst and Its Combination with a Photocyclization Process.. ChemInform, 2004, 35, no.	0.0	0
40	Three-Phase Microemulsion/Solâ€“Gel System for Aqueous Catalysis with Hydrophobic Chemicals. Chemistry - A European Journal, 2004, 10, 958-962.	3.3	35
41	Heck Vinylation of Aryl Iodides by a Silica Solâ€™Gel Entrapped Pd(II) Catalyst and Its Combination with a Photocyclization Process. Organic Letters, 2004, 6, 925-927.	4.6	52
42	Exhaustive hydrodechlorination of chlorinated aromatic environmental pollutants to alicyclic compounds. Green Chemistry, 2003, 5, 40-43.	9.0	38
43	A Three-Phase Emulsion/Solid-Heterogenization Method for Transport and Catalysis. Angewandte Chemie - International Edition, 2002, 41, 4132-4134.	13.8	74
44	Entrapment of metallic palladium and a rhodium(I) complex in a silica solâ€“gel matrix. Journal of Molecular Catalysis A, 2002, 185, 179-185.	4.8	48
45	Catalytic hydrogenolysis of aromatic ketones by a solâ€“gel entrapped combined Pd-[Rh(cod)Cl]2 catalyst. Journal of Molecular Catalysis A, 2002, 187, 277-281.	4.8	38
46	Solâ€“gel entrapped heteronuclear transition metal catalysts. Polyhedron, 2000, 19, 509-512.	2.2	23