Sadegh Rostamnia

List of Publications by Year
in descending order

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175	7,711	34076	74108
papers	citations	52 h-index	75 g-index

209	209	209	5685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. Industrial & Engineering Chemistry Research, 2021, 60, 816-823.	1.8	358
2	Taking organic reactions over metal-organic frameworks as heterogeneous catalysis. Microporous and Mesoporous Materials, 2018, 256, 111-127.	2.2	255
3	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. Journal of Molecular Liquids, 2020, 310, 113185.	2.3	248
4	Removal of uranium(VI) ions from aqueous solutions using Schiff base functionalized SBA-15 mesoporous silica materials. Journal of Environmental Management, 2016, 169, 8-17.	3.8	180
5	Pd-grafted open metal site copper-benzene-1,4-dicarboxylate metal organic frameworks (Cu-BDC MOFâ€™s) as promising interfacial catalysts for sustainable Suzuki coupling. Journal of Colloid and Interface Science, 2016, 469, 310-317.	5.0	163
6	Formation and stabilization of colloidal ultra-small palladium nanoparticles on diamine-modified Cr-MIL-101: Synergic boost to hydrogen production from formic acid. Journal of Colloid and Interface Science, 2020, 567, 126-135.	5.0	153
7	Nanoporous silica-supported organocatalyst: a heterogeneous and green hybrid catalyst for organic transformations. RSC Advances, 2014, 4, 28238-28248.	1.7	143
8	Development of Sulfonicâ€Acidâ€Functionalized Mesoporous Materials: Synthesis and Catalytic Applications. Chemistry - A European Journal, 2019, 25, 1614-1635.	1.7	139
9	Templateâ€free Scalable Synthesis of Floweâ€like Co_{3â€x}Mn_xO₄ Spinel Catalysts for Toluene Oxidation. ChemCatChem, 2018, 10, 3429-3434.	1.8	125
10	Synergistic advanced oxidation process for the fast degradation of ciprofloxacin antibiotics using a GO/CuMOF-magnetic ternary nanocomposite. Journal of Environmental Chemical Engineering, 2021, 9, 105486.	3.3	95
11	A simple and effective approach to the synthesis of rhodanine derivatives via three-component reactions in water. Tetrahedron Letters, 2009, 50, 1533-1535.	0.7	94
12	Water dispersed magnetic nanoparticles (H2O-DMNPs) of Î³-Fe2O3 for multicomponent coupling reactions: a green, single-pot technique for the synthesis of tetrahydro-4H-chromenes and hexahydroquinoline carboxylates. Tetrahedron Letters, 2013, 54, 3344-3347.	0.7	93
13	Dithiocarbamate to modify magnetic graphene oxide nanocomposite (Fe 3 O 4 -GO): A new strategy for covalent enzyme (lipase) immobilization to fabrication a new nanobiocatalyst for enzymatic hydrolysis of PNPD. International Journal of Biological Macromolecules, 2017, 101, 696-702.	3.6	89
14	BrÃ¸nsted acidic hydrogensulfate ionic liquid immobilized SBA-15: [MPIm][HSO4]@SBA-15 as an environmentally friendly, metal- and halogen-free recyclable catalyst for Knoevenagelâ€“Michael-cyclization processes. Journal of Molecular Catalysis A, 2014, 395, 463-469.	4.8	88
15	Synthesis of bimetallic 4-PySI-Pd@Cu(BDC) via open metal site Cu-MOF: Effect of metal and support of Pd@Cu-MOFs in H2 generation from formic acid. Molecular Catalysis, 2019, 467, 30-37.	1.0	88
16	Synthesis of Metalâ€“Organic Frameworks MIL-101(Cr)-NH₂ Containing Phosphorous Acid Functional Groups: Application for the Synthesis of N-Amino-2-pyridone and Pyrano[2,3-c]pyrazole Derivatives via a Cooperative Vinylogous Anomeric-Based Oxidation. ACS Omega, 2020, 5, 6240-6249.	1.6	88
17	Nanomagnetically modified sulfuric acid (Î³-Fe2O3@SiO2-OSO3H): an efficient, fast, and reusable green catalyst for the Ugi-like Groebke-Blackburn-BienaymÃ© three-component reaction under solvent-free conditions. Tetrahedron Letters, 2012, 53, 5257-5260.	0.7	87
18	Covalently bonded sulfonic acid magnetic graphene oxide: Fe3O4@GO-Pr-SO3H as a powerful hybrid catalyst for synthesis of indazolophthalazinetriones. Journal of Colloid and Interface Science, 2016, 478, 280-287.	5.0	87

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19	Cationic modification of SBA-15 pore walls for Pd supporting: Pd@SBA-15/ILDABCO as a catalyst for Suzuki coupling in water medium. Microporous and Mesoporous Materials, 2016, 222, 87-93.	2.2	87
20	Adsorption characteristics of Eu(III) and Th(IV) ions onto modified mesoporous silica SBA-15 materials. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 174-184.	2.7	81
21	Basic isoreticular nanoporous metalâ€“organic framework for Biginelli and Hantzsch coupling: IRMOF-3 as a green and recoverable heterogeneous catalyst in solvent-free conditions. RSC Advances, 2014, 4, 10514.	1.7	80
22	Layerâ€Wise Titania Growth Within Dimeric Organic Functional Group Viologen Periodic Mesoporous Organosilica as Efficient Photocatalyst for Oxidative Formic Acid Decomposition. ChemCatChem, 2019, 11, 4803-4809.	1.8	78
23	Boosting Aerobic Oxidation of Alcohols via Synergistic Effect between TEMPO and a Composite Fe₃O₄/Cu-BDC/GO Nanocatalyst. ACS Omega, 2020, 5, 5182-5191.	1.6	73
24	Photocatalytic activity of new nanostructures of an Ag(<scp>i</scp>) metalâ€“organic framework (Ag-MOF) for the efficient degradation of MCPA and 2,4-D herbicides under sunlight irradiation. New Journal of Chemistry, 2021, 45, 3408-3417.	1.4	71
25	SBA-15/PrN(CH2PO3H2)2 as a novel and efficient mesoporous solid acid catalyst with phosphorous acid tags and its application on the synthesis of new pyrimido[4,5-b]quinolones and pyrido[2,3-d]pyrimidines via anomeric based oxidation. Microporous and Mesoporous Materials, 2020, 294, 109865.	2.2	69
26	The use of Î¹-carrageenan/Fe3O4 nanocomposite as a nanomagnetic catalyst for clean synthesis of rhodanines. Catalysis Communications, 2015, 68, 77-83.	1.6	68
27	Ethylene diamine postâ€synthesis modification on open metal site Crâ€MOF to access efficient bifunctional catalyst for the Hantzsch condensation reaction. Applied Organometallic Chemistry, 2018, 32, e4370.	1.7	68
28	Potential of functionalized SBA-15 mesoporous materials for decontamination of water solutions from Cr(VI), As(V) and Hg(II) ions. Journal of Environmental Chemical Engineering, 2015, 3, 986-995.	3.3	67
29	Efficient tandem aqueous room temperature oxidative amidations catalysed by supported Pd nanoparticles on graphene oxide. Catalysis Science and Technology, 2016, 6, 4124-4133.	2.1	66
30	Basic isoreticular metalâ€“organic framework (IRMOFâ€3) porous nanomaterial as a suitable and green catalyst for selective unsymmetrical Hantzsch coupling reaction. Applied Organometallic Chemistry, 2014, 28, 359-363.	1.7	63
31	In situ generation and protonation of the isocyanide/acetylene adduct: a powerful catalyst-free strategy for multicomponent synthesis of ketenimines, aza-dienes, and heterocycles. RSC Advances, 2015, 5, 97044-97065.	1.7	63
32	NH2-coordinately immobilized tris(8-quinolinolato)iron onto the silica coated magnetite nanoparticle: Fe3O4@SiO2-FeQ3 as a selective Fenton-like catalyst for clean oxidation of sulfides. Journal of Colloid and Interface Science, 2018, 511, 447-455.	5.0	63
33	Palladium Comprising Dicationic Bipyridinium Supported Periodic Mesoporous Organosilica (PMO): Pd@Bipyâ€“PMO as an Efficient Hybrid Catalyst for Suzukiâ€“Miyaura Cross-Coupling Reaction in Water. Catalysts, 2019, 9, 140.	1.6	63
34	Biosynthesis of AgNPs onto the urea-based periodic mesoporous organosilica (AgxNPs/Ur-PMO) for antibacterial and cell viability assay. Journal of Colloid and Interface Science, 2021, 585, 676-683.	5.0	62
35	Metalâ€“organic frameworks as a very suitable reaction inductor for selective solvent-free multicomponent reaction: IRMOF-3 as a heterogeneous nanocatalyst for Kabachnikâ€“Fields three-component reaction. Microporous and Mesoporous Materials, 2013, 179, 99-103.	2.2	61
36	Size-controlled crystalline basic nanoporous coordination polymers of Zn4O(H2N-TA)3: Catalytically study of IRMOF-3 as a suitable and green catalyst for selective synthesis of tetrahydro-chromenes. Inorganica Chimica Acta, 2014, 411, 113-118.	1.2	61

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37	Ordered mesoporous SBAâ€15/PrSO₃Pd and SBAâ€15/PrSO₃Pd_{NP} as active, reusable and selective phosphineâ€free catalysts in Cï£¿X activation Heck coupling process. Applied Organometallic Chemistry, 2015, 29, 471-474.	1.7	61
38	Nanoarchitecturing of open metal site Cr-MOFs for oxodiperoxo molybdenum complexes [MoO(O2)2@En/MIL-100(Cr)] as promising and bifunctional catalyst for selective thioether oxidation. Molecular Catalysis, 2018, 445, 12-20.	1.0	61
39	Pd(OAc)₂@SBAâ€15/PrEn nanoreactor: a highly active, reusable and selective phosphineâ€free catalyst for Suzukiâ€“Miyauracrossâ€coupling reaction in aqueous media. Applied Organometallic Chemistry, 2013, 27, 348-352.	1.7	60
40	Covalently bonded zwitterionic sulfamic acid onto the SBA-15 (SBA-15/PrEn-NHSO3H) reveals good Bronsted acidity behavior and catalytic activity in N-formylation of amines. Journal of Molecular Catalysis A, 2016, 411, 317-324.	4.8	60
41	Homoleptic chelating N-heterocyclic carbene complexes of palladium immobilized within the pores of SBA-15/IL (NHCâ€“Pd@SBA-15/IL) as heterogeneous catalyst for Hiyama reaction. Journal of Organometallic Chemistry, 2015, 791, 18-23.	0.8	59
42	Organosiloxane tunability in mesoporous organosilica and punctuated Pd nanoparticles growth; theory and experiment. Microporous and Mesoporous Materials, 2020, 293, 109832.	2.2	59
43	A Rapid, Catalyst-Free, Three-Component Synthesis of Rhodanines in Water Using Ultrasound. Synthesis, 2011, 2011, 3080-3082.	1.2	58
44	Increased SBA-15-SO3H Catalytic Activity through Hydrophilic/Hydrophobic Fluoroalkyl-Chained Alcohols (RFOH/SBA-15â€“Pr-SO3H). Synlett, 2015, 26, 1345-1347.	1.0	58
45	Efficient and selective copper-grafted nanoporous silica in aqueous conversion of aldehydes to amides. Catalysis Science and Technology, 2015, 5, 199-205.	2.1	58
46	Covalently bonded pancreatic lipase onto the dithiocarbamate/chitosan-based magnetite: Stepwise fabrication of Fe 3 O 4 @CS/NHCS-Lip as a novel and promising nanobiocatalyst. International Journal of Biological Macromolecules, 2017, 103, 1194-1200.	3.6	57
47	Thiourea bridged periodic mesoporous organosilica with ultra-small Pd nanoparticles for coupling reactions. RSC Advances, 2017, 7, 56306-56310.	1.7	57
48	Generation of uniform and small particle size of palladium onto the SH-decorated SBA-15 pore-walls: SBA-15/(SH)_XPdâ€“NP_Y as a recoverable nanocatalyst for Suzukiâ€“Miyaura coupling reaction in air and water. RSC Advances, 2014, 4, 59626-59631.	1.7	56
49	Ordered interface mesoporous immobilized Pd pre-catalyst: En/Pd complexes embedded inside the SBA-15 as an active, reusable and selective phosphine-free hybrid catalyst for the water medium Heck coupling process. Journal of Colloid and Interface Science, 2014, 432, 86-91.	5.0	56
50	Synthesis of water-dispersed magnetic nanoparticles (H2O-DMNPs) of Î²-cyclodextrin modified Fe3O4 and its catalytic application in Kabachnikâ€“Fields multicomponent reaction. Journal of Magnetism and Magnetic Materials, 2015, 386, 111-116.	1.0	56
51	Simultaneously application of SBA-15 sulfonic acid nanoreactor and ultrasonic irradiation as a very useful novel combined catalytic system: An ultra-fast, selective, reusable and waste-free green approach. Journal of Molecular Catalysis A, 2013, 374-375, 85-93.	4.8	55
52	The SBA-15/SO3H nanoreactor as a highly efficient and reusable catalyst for diketene-based, four-component synthesis of polyhydroquinolines and dihydropyridines under neat conditions. Chinese Chemical Letters, 2013, 24, 401-403.	4.8	54
53	Surfactantâ€Exfoliated Highly Dispersive Pdâ€Supported Graphene Oxide Nanocomposite as a Catalyst for Aerobic Aqueous Oxidations of Alcohols. ChemCatChem, 2015, 7, 1678-1683.	1.8	54
54	RuCl3-catalyzed solvent-free Ugi-type Groebkeâ€“Blackburn synthesis of aminoimidazole heterocycles. RSC Advances, 2013, 3, 18626.	1.7	52

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55	Supported palladium ions inside periodic mesoporous organosilica with ionic liquid framework (Pd@IL-PMO) as an efficient green catalyst for S-arylation coupling. Microporous and Mesoporous Materials, 2016, 225, 272-279.	2.2	52
56	Visible-light-driven photocatalytic activity of ZnO/g-C3N4 heterojunction for the green synthesis of biologically interest small molecules of thiazolidinones. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 402, 112786.	2.0	52
57	Design of chitosan-dithiocarbamate magnetically separable catalytic nanocomposites for greener aqueous oxidations at room temperature. Molecular Catalysis, 2017, 434, 7-15.	1.0	49
58	Exfoliated Pd decorated graphene oxide nanosheets (PdNPâ€“GO/P123): Non-toxic, ligandless and recyclable in greener Hiyama cross-coupling reaction. Journal of Colloid and Interface Science, 2015, 451, 46-52.	5.0	48
59	Copper immobilization on carboxylic acid-rich Fe 3 O 4 -Pectin: Cu 2+ @Fe 3 O 4 -Pectin a superparamagnetic nanobiopolymer source for click reaction. Materials Letters, 2018, 216, 139-143.	1.3	48
60	Stepwise postâ€modification immobilization of palladium Schiffâ€base complex on to the OMSâ€Cu (BDC) metalâ€“organic framework for Mizorokiâ€Heck crossâ€coupling reaction. Applied Organometallic Chemistry, 2018, 32, e4539.	1.7	48
61	Anchoring Pd-nanoparticles on dithiocarbamate- functionalized SBA-15 for hydrogen generation from formic acid. Scientific Reports, 2020, 10, 18188.	1.6	48
62	Reaction between tert-butyl isocyanide, dialkyl acetylenedicarboxylates, and aromatic carboxylic acids: an efficient method for the synthesis of dialkyl (E)-2-{[benzoyl(tert-butyl)amino]carbonyl}-2-butenedioate derivatives. Tetrahedron, 2006, 62, 5641-5644.	1.0	47
63	A mesoporous silica/fluorinated alcohol adduct: an efficient metal-free, three-component synthesis of indazolophthalazinetrione heterocycles using a reusable nanoporous/trifluoroethanol adduct (SBA-15/TFE). Tetrahedron Letters, 2014, 55, 2508-2512.	0.7	47
64	The raise of SBA-SO3H catalytic activity by inducing ultrasound irradiation in the multicomponent syntheses. Journal of Porous Materials, 2016, 23, 549-556.	1.3	46
65	Refinement of contaminated water by Cr(VI), As(V) and Hg(II) using N -donor ligands arranged on SBA-15 platform; batch and fixed-bed column methods. Journal of the Taiwan Institute of Chemical Engineers, 2016, 67, 325-337.	2.7	45
66	SBA-15/TFE (SBA-15/2,2,2-trifluoroethanol) as a suitable and effective metal-free catalyst for the preparation of the tri- and tetra-substituted imidazoles via one-pot multicomponent method. Journal of Fluorine Chemistry, 2012, 144, 69-72.	0.9	44
67	Sensitive and selective electrochemical detection of bisphenol A based on SBA-15 like Cu-PMO modified glassy carbon electrode. Food Chemistry, 2021, 358, 129763.	4.2	43
68	Combining ethylenediamine and ionic liquid functionalities within SBA-15: A promising catalytic pair for tandem Cuâ€“AAC reaction. Applied Catalysis A: General, 2017, 548, 96-102.	2.2	42
69	Multilinker phosphorous acid anchored En/MIL-100(Cr) as a novel nanoporous catalyst for the synthesis of new N-heterocyclic pyrimido[4,5-b]quinolines. Molecular Catalysis, 2020, 481, 110303.	1.0	41
70	A Novel Four-Component Reaction for the Synthesis of 2,5-Diaminofuran Derivatives. Synlett, 2006, 2006, 1592-1594.	1.0	40
71	A novel pseudo-seven-component diastereoselective synthesis of Î»5-phosphanylidene bis(2,5-dioxotetrahydro-1H-pyrrole-3-carboxylates) via binucleophilic systems. Tetrahedron Letters, 2010, 51, 4750-4754.	0.7	40
72	Synthesis and catalytic study of open metal site metalâ€“organic frameworks of Cu₃(BTC)₂ microbelts in selective organic sulfide oxidation. Applied Organometallic Chemistry, 2016, 30, 954-958.	1.7	40

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73	Templated synthesis of atomically-thin Ag nanocrystal catalysts in the interstitial space of a layered silicate. Chemical Communications, 2018, 54, 4402-4405.	2.2	40
74	Application of novel nanomagnetic metalâ€“organic frameworks as a catalyst for the synthesis of new pyridines and 1,4-dihydropyridines via a cooperative vinylogous anomeric based oxidation. Scientific Reports, 2021, 11, 5279.	1.6	39
75	Covalently Bonded PIDA on SBAâ€15â€‰as Robust Pd Support: Waterâ€Tolerant Designed Catalysts for Aqueous Suzuki Couplings. ChemistrySelect, 2017, 2, 329-334.	0.7	38
76	Interaction of Yarrowia lipolytica lipase with dithiocarbamate modified magnetic carbon Fe3O4@C-NHCS2H core-shell nanoparticles. International Journal of Biological Macromolecules, 2018, 117, 218-224.	3.6	38
77	Hexafluoroisopropanol dispersed into the nanoporous SBA-15 (HFIP/SBA-15) as a rapid, metal-free, highly reusable and suitable combined catalyst for domino cyclization process in chemoselective preparation of alkyl rhodanines. Journal of Fluorine Chemistry, 2013, 153, 1-6.	0.9	37
78	Zirconium based porous coordination polymer (PCP) bearing organocatalytic ligand: A promising dual catalytic center for ultrasonic heterocycle synthesis. Ultrasonics Sonochemistry, 2019, 58, 104653.	3.8	37
79	A novel ternary heterogeneous TiO2/BiVO4/NaY-Zeolite nanocomposite for photocatalytic degradation of microcystin-leucine arginine (MC-LR) under visible light. Ecotoxicology and Environmental Safety, 2021, 210, 111862.	2.9	37
80	Advancements in Fabrication and Application of Chitosan Composites in Implants and Dentistry: A Review. Biomolecules, 2022, 12, 155.	1.8	37
81	Synthesis and Catalytic Application of Mixed Valence Iron (FeII/FeIII)-Based OMS-MIL-100(Fe) as an Efficient Green Catalyst for the aza-Michael Reaction. Catalysis Letters, 2018, 148, 2918-2928.	1.4	36
82	Anchoring and stabilization of colloidal PdNPs on exfoliated bis-thiourea modified graphene oxide layers with super catalytic activity in water and PEG. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125130.	2.3	36
83	Hydrothermally exfoliated P-doped g-C3N4 decorated with gold nanorods for highly efficient reduction of 4-nitrophenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 614, 126187.	2.3	34
84	Preparation and catalytically study of metalâ€“organic frameworks of amine/MIL-53 (Al) as a powerful option in the rapid N-formylation condensation in neat conditions. Inorganica Chimica Acta, 2015, 428, 133-137.	1.2	33
85	Merging periodic mesoporous organosilica (PMO) with mesoporous aluminosilica (Al/Si-PMO): A catalyst for green oxidation. Molecular Catalysis, 2020, 482, 110676.	1.0	33
86	One-pot synthesis of functionalized furamide derivatives via a three-component reaction between an amine, diketene and dibenzoylacetylene in the presence of triphenylphosphine. Tetrahedron, 2007, 63, 8083-8087.	1.0	32
87	Metal-free nanostructured catalysts: sustainable driving forces for organic transformations. Green Chemistry, 2021, 23, 6223-6272.	4.6	32
88	SBA-15 mesoporous materials decorated with organic ligands: use as adsorbents for heavy metal ions. Journal of the Iranian Chemical Society, 2015, 12, 561-572.	1.2	31
89	Single site supported N -sulfonic acid and N -sulfamate onto SBA-15 for green and sustainable oxidation of sulfides. Materials Chemistry and Physics, 2016, 177, 229-235.	2.0	31
90	Diketene-based neat four-component synthesis of the dihydropyrimidinones and dihydropyridine backbones using silica sulfuric acid (SSA). Chinese Chemical Letters, 2012, 23, 930-932.	4.8	30

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91	Covalently Bonded Ionic Liquid-Type Sulfamic Acid onto SBA-15: SBA-15/NHSO3H as a Highly Active, Reusable, and Selective Green Catalyst for Solvent-Free Synthesis of Polyhydroquinolines and Dihydropyridines. Synlett, 2014, 25, 2753-2756.	1.0	30
92	Pd(PrSO3)2@SBA-15 and Pd-NPs(PrSO3)@SBA-15 hybrid materials: A highly active, reusable, and selective interface catalyst for Câ€“X activations in air and water. Journal of Industrial and Engineering Chemistry, 2015, 32, 218-224.	2.9	30
93	Magnetically Recoverable Gold Nanorods as a Novel Catalyst for the Facile Reduction of Nitroarenes Under Aqueous Conditions. Catalysis Letters, 2017, 147, 491-501.	1.4	30
94	Adsorption of Eu(III), Th(IV), and U(VI) by mesoporous solid materials bearing sulfonic acid and sulfamic acid functionalities. Separation Science and Technology, 2019, 54, 2609-2624.	1.3	30
95	Extended architectures constructed of thioureaâ€modified SBAâ€15 nanoreactor: A versatile new support for the fabrication of palladium preâ€catalyst. Applied Organometallic Chemistry, 2020, 34, e5452.	1.7	29
96	Photocatalytic hydrogen generation using colloidal covalent organic polymers decorated bimetallic Au-Pd nanoalloy (COPs/Pd-Au). Molecular Catalysis, 2022, 518, 112058.	1.0	29
97	Simultaneous application of ultrasonic irradiation and immobilized ionic liquid onto the SBA-15 nanoreactor (US/[MPIm]Cl@SBA-15): A robust, recyclable, and useful combined catalytic system for selective and waste-free Kabachnik Fields reaction. Journal of Molecular Liquids, 2014, 195, 30-34.	2.3	28
98	Exfoliation effect of PEG-type surfactant on Pd supported GO (SE-Pd(nanoparticle)/GO) in cascade synthesis of amides: A comparison with Pd(nanoparticle)/rGO. Journal of Molecular Catalysis A, 2016, 416, 88-95.	4.8	28
99	Synthesis of Nicotinamide and Isonicotinamide Derivatives via Multicomponent Reaction of Alkyl Isocyanides and Acetylenic Compounds in the Presence of Nicotinic or Isonicotinic Acid. Synthesis, 2007, 2007, 2637-2640.	1.2	27
100	Highly dispersed copper/ppm palladium nanoparticles as novel magnetically recoverable catalyst for Suzuki reaction under aqueous conditions at room temperature. Applied Organometallic Chemistry, 2017, 31, e3743.	1.7	27
101	Adsorption of Th(IV) and U(VI) on functionalized SBA-15 mesoporous silica materials using fixed bed column method; breakthrough curves prediction and modeling. Separation Science and Technology, 2018, 53, 1282-1294.	1.3	27
102	Post-synthetically modified SBA-15 with NH₂-coordinately immobilized iron-oxine: SBA-15/NH₂-FeQ₃ as a Fenton-like hybrid catalyst for the selective oxidation of organic sulfides. New Journal of Chemistry, 2018, 42, 619-627.	1.4	27
103	Efficient H₂ Generation Using Thiourea-based Periodic Mesoporous Organosilica with Pd Nanoparticles. Chemistry Letters, 2018, 47, 1243-1245.	0.7	27
104	Efficient imidazolium salts for palladium-catalyzed Mizorokiâ€“Heck and Suzukiâ€“Miyaura cross-coupling reactions. Chinese Chemical Letters, 2013, 24, 433-436.	4.8	26
105	Metal- and halogen-free hydrogensulfate ionic liquid/SBA-15 as catalyst in clean oxidation of aromatic and aliphatic organic sulfides with aqueous hydrogen peroxide. Chemical Engineering Research and Design, 2016, 100, 74-79.	2.7	26
106	Gold nanoparticle stabilized dithiocarbamate functionalized magnetite carbon as promise clean nanocatalyst for A3-coupling organic transformation. Molecular Catalysis, 2021, 499, 111252.	1.0	26
107	Seaweedâ€derived Îºâ€carrageenan: Modified Îºâ€carrageenan as a recyclable green catalyst in the multicomponent synthesis of aminophosphonates and polyhydroquinolines. Journal of Applied Polymer Science, 2016, 133, .	1.3	25
108	Euphorbia leaf extract-assisted sustainable synthesis of Au NPs supported on exfoliated GO for superior activity on water purification: reduction of 4-NP and MB. Environmental Science and Pollution Research, 2019, 26, 11719-11729.	2.7	25

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109	Thorium (IV) ion-selective transport through a bulk liquid membrane containing 2-thenoyltrifluoroacetone as extractant-carrier. Separation and Purification Technology, 2006, 49, 71-75.	3.9	24
110	Controlled uptake and release of imatinib from ultrasound nanoparticles Cu3(BTC)2 metalâ€“organic framework in comparison with bulk structure. Journal of Colloid and Interface Science, 2016, 471, 112-117.	5.0	24
111	Highly sensitive non-enzymatic electrochemical glucose sensor by Nafion/SBA-15-Cu (II) modified glassy carbon electrode. Journal of Electroanalytical Chemistry, 2017, 799, 406-412.	1.9	24
112	Synthesis of a Zeolitic Imidazolateâ€“Zinc Metalâ€“Organic Framework and the Combination of its Catalytic Properties with 2,2,2-Trifluoroethanol for N-Formylation. Synlett, 2018, 29, 1593-1596.	1.0	24
113	Novel Three-Component Route to Diastereoselective Synthesis of Trisubstituted Vinylphosphonates Using Phosphites, Acetylenic Esters, and Aroyl Chlorides. ACS Combinatorial Science, 2009, 11, 143-145.	3.3	23
114	Curbed of molybdenum oxido-diperoxido complex on ionic liquid body of mesoporous Bipy-PMO-IL as a promising catalyst for selective sulfide oxidation. Journal of Molecular Liquids, 2020, 312, 113388.	2.3	23
115	A Novel Synthesis of Aminofurans Using a Four-Component Reaction. Synlett, 2007, 2007, 1610-1612.	1.0	22
116	Cetyltrimethylammonium bromide-surfactant aqueous micelles as a green and ultra-rapid reactor for synthesis of 5-oxo-2-thioxo-2,5-dihydro-3-thiophenecarboxylate derivatives. Journal of Sulfur Chemistry, 2012, 33, 313-318.	1.0	22
117	Polymeric hybrid mesoporous silica hollow nanospheres as a support for palladium and application of the PdNPs@PANI/HNS nanocomposite for aerobic benzyl alcohol oxidation. Advanced Powder Technology, 2018, 29, 1167-1174.	2.0	22
118	Magnetic nanocomposite of crosslinked chitosan with 4,6-diacetylresorcinol for gold immobilization (Fe3O4@CS/DAR-Au) as a catalyst for an efficient one-pot synthesis of propargylamine. Materials Today Communications, 2021, 29, 102798.	0.9	22
119	Synthesis of hybrid interfacial silica-based nanospheres composite as a support for ultra-small palladium nanoparticle and application of PdNPs/HSN in Mizoroki-Heck reaction. Journal of Physics and Chemistry of Solids, 2017, 111, 47-53.	1.9	21
120	Template-oriented synthesis of hydroxyapatite nanoplates for 3D bone printing. Journal of Materials Chemistry B, 2019, 7, 7228-7234.	2.9	21
121	Mesoporous SBA-15/PIDA as a Dendrimer Zwitterionic Amino Acid-Type Organocatalyst for Three-Component Indazolophtalazine Synthesis. Catalysis Letters, 2019, 149, 591-600.	1.4	21
122	An efficient regioselective three-component synthesis of tetrazoloquinazolines using g-C3N4 covalently bonded sulfamic acid. Polyhedron, 2020, 175, 114217.	1.0	21
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124	Unmodified SBA-15 adsorbents for the removal and separation of Th(IV) and U(VI) ions: the role of pore channels and surface-active sites. Separation Science and Technology, 2019, 54, 2863-2878.	1.3	20
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