Ghodsi Mohammadi Ziarani

List of Publications by Year
in descending order

283 papers	6,023 citations	70961 41 h-index	128067 60 g-index
312 all docs	312 docs citations	312 times ranked	6089 citing authors

#	Article	IF	Citations
1	Graphitic carbon nitride-based photocatalysts: Toward efficient organic transformation for value-added chemicals production. Molecular Catalysis, 2020, 488, 110902.	1.0	245
2	Sulfonic acid-functionalized mesoporous silica (SBA-Pr-SO3H) as solid acid catalyst in organic reactions. Journal of Molecular Catalysis A, 2015, 397, 166-191.	4.8	139
3	Recent applications of the hetero Dielsâ€“Alder reaction in the total synthesis of natural products. RSC Advances, 2015, 5, 101999-102075.	1.7	122
4	Synthesis of heterocyclic compounds based on isatin through 1,3-dipolar cycloaddition reactions. Arkivoc, 2012, 2012, 277-320.	0.3	120
5	Carboxyl-rich g-C3N4 nanoparticles: Synthesis, characterization and their application for selective fluorescence sensing of Hg2+ and Fe3+ in aqueous media. Sensors and Actuators B: Chemical, 2017, 242, 244-252.	4.0	116
6	A new nano-sorbent for fast and efficient removal of heavy metals from aqueous solutions based on modification of magnetic mesoporous silica nanospheres. Journal of Magnetism and Magnetic Materials, 2017, 441, 193-203.	1.0	99
7	The role of hollow magnetic nanoparticles in drug delivery. RSC Advances, 2019, 9, 25094-25106.	1.7	96
8	The role of SBA-15 in drug delivery. RSC Advances, 2015, 5, 91686-91707.	1.7	93
9	Recent advances in the application of indoles in multicomponent reactions. RSC Advances, 2018, 8, 12069-12103.	1.7	90
10	Ultrasonic-assisted degradation of phenazopyridine with a combination of Sm-doped ZnO nanoparticles and inorganic oxidants. Ultrasonics Sonochemistry, 2016, 28, 169-177.	3.8	87
11	Highly efficient removal and preconcentration of lead and cadmium cations from water and wastewater samples using ethylenediamine functionalized SBA-15. Desalination, 2011, 266, 182-187.	4.0	81
12	Three-component synthesis of pyrano[2,3-d]-pyrimidine dione derivatives facilitated by sulfonic acid nanoporous silica (SBA-Pr-SO3H) and their docking and urease inhibitory activity. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 3.	0.9	81
13	Recent applications of barbituric acid in multicomponent reactions. RSC Advances, 2016, 6, 50895-50922.	1.7	78
14	Myrtus Communis as Green Inhibitor of Copper Corrosion in Sulfuric Acid. Industrial & Engineering Chemistry Research, 2014, 53, 4295-4303.	1.8	77
15	Asymmetric synthesis of chiral 3,3-disubstituted oxindoles using isatin as starting material. Tetrahedron: Asymmetry, 2015, 26, 517-541.	1.8	72
16	Copper-free Sonogashira cross-coupling reactions: an overview. RSC Advances, 2021, 11, 6885-6925.	1.7	71
17	Synthesis of 1,8-dioxo-decahydroacridine derivatives using sulfonic acid functionalized silica (SiO2-Pr-SO3H) under solvent free conditions. Arabian Journal of Chemistry, 2014, 7, 335-339.	2.3	64
18	Fe-Supported SBA-16 Type Cagelike Mesoporous Silica with Enhanced Catalytic Activity for Direct Hydroxylation of Benzene to Phenol. Industrial & Engineering Chemistry Research, 2016, 55, 3900-3908.	1.8	64

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19	Application of Amino-Functionalized SBA-15 Type Mesoporous Silica in One-Pot Synthesis of Spirooxindoles. Chinese Journal of Catalysis, 2012, 33, 1832-1839.	6.9	62
20	Oxindole as starting material in organic synthesis. Arkivoc, 2013, 2013, 470-535.	0.3	62
21	A simple nanoporous silica-based dual mode optical sensor for detection of multiple analytes (Fe³⁺, Al³⁺ and CN^{â^'}) in water mimicking XOR logic gate. RSC Advances, 2016, 6, 5957-5964.	1.7	61
22	Recent applications of isatin in the synthesis of organic compounds. Arkivoc, 2017, 2017, 148-201.	0.3	58
23	Recent advances in asymmetric multicomponent reactions (AMCRs). Tetrahedron: Asymmetry, 2017, 28, 708-724.	1.8	57
24	Ultrasonic-assisted solâ€“gel synthesis of samarium, cerium co-doped TiO2 nanoparticles with enhanced sonocatalytic efficiency. Ultrasonics Sonochemistry, 2015, 26, 281-292.	3.8	55
25	Asymmetric synthesis of chiral oxindoles using isatin as starting material. Tetrahedron, 2018, 74, 1323-1353.	1.0	55
26	Silica functionalized propyl sulfonic acid (SiO2-Pr-SO3H): An efficient catalyst in organic reactions. Journal of Molecular Catalysis A, 2014, 391, 208-222.	4.8	54
27	UV-LEDs assisted preparation of silver deposited TiO2 catalyst bed inside microchannels as a high efficiency microphotoreactor for cleaning polluted water. Chemical Engineering Journal, 2015, 270, 158-167.	6.6	54
28	Enzymatic desymmetrization of meso cis-2,6- and cis,cis-2,4,6-substituted piperidines. Chemoenzymatic synthesis of (5S,9S)-(+)-indolizidine 209D. Tetrahedron: Asymmetry, 1999, 10, 3117-3122.	1.8	52
29	Ultrasonic-assisted synthesis of Ce doped cubicâ€“hexagonal ZnTiO3 with highly efficient sonocatalytic activity. Ultrasonics Sonochemistry, 2016, 29, 258-269.	3.8	51
30	Application of sulfonic acid functionalized nanoporous silica (SBA-Pr-SO3H) in the green one-pot synthesis of triazoloquinazolinones and benzimidazoquinazolinones. Arabian Journal of Chemistry, 2015, 8, 54-61.	2.3	49
31	Synthesis of heterocyclic scaffolds through 6-aminouracil-involved multicomponent reactions. RSC Advances, 2016, 6, 38827-38848.	1.7	49
32	The one-pot synthesis of 14-aryl-14H-dibenzo[a,j]xanthene derivatives using sulfonic acid functionalized silica (-Pr-) under solvent free conditions. Scientia Iranica, 2011, 18, 453-457.	0.3	48
33	A novel method for preparation of 8-hydroxyquinoline functionalized mesoporous silica: Aluminum complexes and photoluminescence studies. Applied Surface Science, 2011, 257, 4912-4918.	3.1	48
34	Minimization of electrical energy consumption in the photocatalytic reduction of Cr(vi) by using immobilized Mg, Ag co-impregnated TiO2 nanoparticles. RSC Advances, 2014, 4, 28587.	1.7	48
35	Synthesis and structure-activity relationship study of benzofuran-based chalconoids bearing benzylpyridinium moiety as potent acetylcholinesterase inhibitors. European Journal of Medicinal Chemistry, 2015, 103, 361-369.	2.6	48
36	A single hybrid optical sensor based on nanoporous silica type SBA-15 for detection of Pb²⁺and I^{â^'}in aqueous media. RSC Advances, 2015, 5, 36530-36539.	1.7	47

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37	Extraction of gold, palladium and silver ions using organically modified silica-coated magnetic nanoparticles and silica gel as a sorbent. Mikrochimica Acta, 2017, 184, 3859-3866.	2.5	47
38	A Fluorescent Sensor for Al(III) and Colorimetric Sensor for Fe(III) and Fe(II) Based on a Novel 8-Hydroxyquinoline Derivative. Journal of Fluorescence, 2016, 26, 1885-1894.	1.3	46
39	Determination of picomolar silver concentrations by differential pulse anodic stripping voltammetry at a carbon paste electrode modified with phenylthiourea-functionalized high ordered nanoporous silica gel. Electrochimica Acta, 2009, 54, 5381-5386.	2.6	45
40	Engineering of highly active Au/Pd supported on hydrogenated urchin-like yolk@shell TiO₂ for visible light photocatalytic Suzuki coupling. Catalysis Science and Technology, 2019, 9, 3820-3827.	2.1	45
41	Palladiumâ€anchored multidentate SBAâ€15/diâ€urea nanoreactor: A highly active catalyst for Suzuki coupling reaction. Applied Organometallic Chemistry, 2018, 32, e4397.	1.7	44
42	A novel functionalized nanoporous SBA-15 as a selective fluorescent sensor for the detection of multianalytes (Fe 3+ and Cr 2 O 7 2 â˜) in water. Journal of Physics and Chemistry of Solids, 2017, 103, 238-248.	1.9	41
43	Applications of SBA-15 supported Pd metal catalysts as nanoreactors in Câ€“C coupling reactions. RSC Advances, 2018, 8, 41048-41100.	1.7	41
44	One-pot synthesis of pyrido[2,3-d]pyrimidine derivatives using sulfonic acid functionalized SBA-15 and the study on their antimicrobial activities. Journal of Saudi Chemical Society, 2015, 19, 676-681.	2.4	40
45	The molecular diversity scope of 1,3-indandione in organic synthesis. Molecular Diversity, 2016, 20, 111-152.	2.1	39
46	Novel Method for the Fast Preconcentration and Monitoring of a ppt Level of Lead and Copper with a Modified Hexagonal Mesoporous Silica Compound and Inductively Coupled Plasma Atomic Emission Spectrometry. Analytical Sciences, 2004, 20, 725-729.	0.8	38
47	Recent Application of 4-Hydroxycoumarin in Multi-Component Reactions. Heterocycles, 2013, 87, 1415.	0.4	38
48	Advances in click chemistry for silica-based material construction. RSC Advances, 2016, 6, 21979-22006.	1.7	36
49	Surface tailoring control in micelle templated silica. Journal of Organometallic Chemistry, 2006, 691, 5911-5919.	0.8	35
50	Heavy metals determination in water and food samples after preconcentration by a new nanoporous adsorbent. Food Chemistry, 2013, 141, 1916-1922.	4.2	35
51	Ultrasound-assisted synthesis of heterocyclic compounds. Molecular Diversity, 2020, 24, 771-820.	2.1	35
52	Crossâ€aldol Condensation of Cycloalkanones and Aromatic Aldehydes in the Presence of Nanoporous Silicaâ€based Sulfonic Acid (SiO₂â€Prâ€SO₃H) under Solvent Free Conditions. Chinese Journal of Chemistry, 2009, 27, 1537-1542.	2.6	34
53	One pot synthesis of functionalized SBA-15 by using an 8-hydroxyquinoline-5-sulfonamide-modified organosilane as precursor. Journal of Colloid and Interface Science, 2011, 357, 63-69.	5.0	34
54	Magnetically recoverable catalysts for the preparation of pyridine derivatives: an overview. RSC Advances, 2021, 11, 17456-17477.	1.7	34

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55	A simple and clean method for multicomponent synthesis of spiro [indole-tetrahydropyrano(2,3-d)pyrimidine] derivatives using SBA-Pr-SO3H as catalyst under solvent-free conditions. Journal of the Iranian Chemical Society, 2014, 11, 701-709.	1.2	33
56	Post-modification of nanoporous silica type SBA-15 by bis(3-triethoxysilylpropyl)tetrasulfide as an efficient adsorbent for arsenic removal. Powder Technology, 2017, 319, 271-278.	2.1	33
57	A novel Fe3+ ions chemosensor by covalent coupling fluorene onto the mono, di- and tri-ammonium functionalized nanoporous silica type SBA-15. Applied Surface Science, 2013, 279, 121-128.	3.1	32
58	One-pot synthesis of 1,2,4,5-tetra substituted imidazoles using sulfonic acid functionalized silica (SiO2-Pr-SO3H). Arabian Journal of Chemistry, 2015, 8, 692-697.	2.3	32
59	Isatin functionalized nanoporous SBA-15 as a selective fluorescent probe for the detection of Hg(II) in water. Analytical and Bioanalytical Chemistry, 2017, 409, 3175-3185.	1.9	32
60	Pd-free, Sonogashira cross-coupling reaction. An update. Journal of Organometallic Chemistry, 2021, 936, 121712.	0.8	31
61	An Efficient Synthesis of Tetrahydrobenzo[b]pyran Derivatives Using Sulfonic Acid Functionalized Silica as an Efficient Catalyst. E-Journal of Chemistry, 2011, 8, 293-299.	0.4	30
62	Simultaneous photocatalytic and catalytic activity of pâ€“n junction NiO@anatase/rutile-TiO2 as a noble-metal free reusable nanoparticle for synthesis of organic compounds. Catalysis Communications, 2017, 95, 77-82.	1.6	30
63	Photo and Chemical Reduction of Copper onto Anataseâ€Type TiO₂ Nanoparticles with Enhanced Surface Hydroxyl Groups as Efficient Visible Light Photocatalysts. Photochemistry and Photobiology, 2015, 91, 797-806.	1.3	29
64	Efficient one-pot synthesis of 2,4,5-trisubstituted and 1,2,4,5-tetrasubstituted imidazoles using SBA-Pr-SO3H as a green nano catalyst. Journal of Saudi Chemical Society, 2016, 20, 419-427.	2.4	29
65	Recent Applications of Ritter Reactions in Organic Syntheses. ChemistrySelect, 2020, 5, 14349-14379.	0.7	29
66	Efficient green synthesis of isoindigo derivatives using sulfonic-acid-functionalized nanoporous silica (SBA-Pr-SO3H) catalyst and study of their antimicrobial properties. Research on Chemical Intermediates, 2013, 39, 3925-3936.	1.3	28
67	Efficient Oneâ€Pot Solventâ€Free Synthesis of 1Hâ€Pyrazolo[1,2â€b]phthalazineâ€5,10â€diones Catalyzed by Sulfonic Acid Functionalized Nanoporous Silica (SBAâ€Prâ€SO₃H). Journal of the Chinese Chemical Society, 2014, 61, 990-994.	0.8	28
68	A Novel Naphthalene-Immobilized Nanoporous SBA-15 as a Highly Selective Optical Sensor for Detection of Fe3+ in Water. Journal of Fluorescence, 2015, 25, 1297-1302.	1.3	27
69	A Single Fluorescent Sensor for Hg2+ and Discriminately Detection of Cr3+ and Cr(VI). Journal of Fluorescence, 2016, 26, 263-270.	1.3	26
70	Efficient device for the benign removal of organic pollutants from aqueous solutions using modified mesoporous magnetite nanostructures. Journal of Physics and Chemistry of Solids, 2018, 113, 210-219.	1.9	26
71	Fe3O4@SiO2@(BuSO3H)3 synthesis as a new efficient nanocatalyst and its application in the synthesis of heterocyclic [3.3.3] propellane derivatives. Polyhedron, 2020, 178, 114343.	1.0	26
72	Chemoenzymatic Enantioselective Synthesis of (-)-Indolizidine 167B. Heterocycles, 1999, 51, 593.	0.4	25

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73	Direct Hydroxylation of Benzene to Phenol over Fe3O4 Supported on Nanoporous Carbon. Chinese Journal of Catalysis, 2011, 32, 258-263.	6.9	25
74	Boron-doped graphitic carbon nitride as a novel fluorescent probe for mercury(<scp>ii</scp>) and iron(<scp>iii</scp>): a circuit logic gate mimic. New Journal of Chemistry, 2019, 43, 12087-12093.	1.4	25
75	A novel method for fast enrichment and monitoring of hexavalent and trivalent chromium at the ppt level with modified silica MCM-41 and its determination by inductively coupled plasma optical emission spectrometry. Quimica Nova, 2006, 29, 440-443.	0.3	23
76	Pico Level Monitoring of Silver with Modified Hexagonal Mesoporous Compound (MCM-41) and Inductively Coupled Plasma Atomic Emission Spectrometry. Water, Air, and Soil Pollution, 2006, 173, 71-80.	1.1	23
77	Aminobenzenesulfonamide functionalized SBA-15 nanoporous molecular sieve: A new and promising adsorbent for preconcentration of lead and copper ions. Journal of Environmental Sciences, 2012, 24, 1347-1354.	3.2	23
78	A Simple Colorimetric Chemosensor for Naked Eye Detection of Cyanide Ion. Journal of Fluorescence, 2016, 26, 1857-1864.	1.3	23
79	Formation of functionalized silica-based nanoparticles and their application for extraction and determination of Hg (II) ion in fish samples. Food Chemistry, 2019, 300, 125180.	4.2	23
80	Potentiometric Detection of Mercury(II) Ions Using a Carbon Paste Electrode Modified with Substituted Thiourea-Functionalized Highly Ordered Nanoporous Silica. Analytical Sciences, 2009, 25, 789-794.	0.8	22
81	Preparation of CaWO4:Ln3+@SiO2 (Ln=Tb, Dy and Ho) nanoparticles by a combustion reaction and their optical properties. Journal of Luminescence, 2010, 130, 2072-2075.	1.5	22
82	A nanostructured LUS-1 based organicâ€“inorganic hybrid optical sensor for highly selective sensing of Fe3+ in water. Journal of Luminescence, 2015, 168, 1-6.	1.5	22
83	Application of SBA-Pr-SO3H as a nanoreactor in the one-pot synthesis of spiroquinazolinones. Journal of the Iranian Chemical Society, 2016, 13, 1037-1043.	1.2	22
84	The use of SrFe₁₂O₁₉ magnetic nanoparticles as an efficient catalyst in the modified Niementowski reaction. Applied Organometallic Chemistry, 2017, 31, e3830.	1.7	22
85	Designer 3D CoAl-layered double hydroxide@N, S doped graphene hollow architecture decorated with Pd nanoparticles for Sonogashira couplings. Applied Surface Science, 2019, 496, 143599.	3.1	22
86	Photocatalytic Synthesis of Phenol by Direct Hydroxylation of Benzene by a Modified Nanoporous Silica (LUS-1) under Sunlight. Chinese Journal of Catalysis, 2012, 33, 1347-1353.	6.9	21
87	Application of SiO2-Pr-SO3H as an efficient catalyst in the Ritter reaction. Research on Chemical Intermediates, 2013, 39, 3157-3163.	1.3	21
88	Carboxylic acid-functionalized SBA-15 nanorods for gemcitabine delivery. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	21
89	A click-derived dual organic-inorganic hybrid optical sensor based on SBA-15 for selective recognition of Zn2+ and CNâ" in water. Inorganica Chimica Acta, 2016, 450, 346-352.	1.2	21
90	One-pot solvent-free synthesis of 1,8-dioxo-octahydroxanthene derivatives using sulfonic acid-functionalized LUS-1 and their antimicrobial activities. Research on Chemical Intermediates, 2016, 42, 3847-3861.	1.3	21

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91	The green synthesis of 2-amino-3-cyanopyridines using SrFe12O19 magnetic nanoparticles as efficient catalyst and their application in complexation with Hg2+ ions. Journal of the Iranian Chemical Society, 2019, 16, 365-372.	1.2	21
92	Facile and green preparation of colorimetric and fluorescent sensors for mercury, silver, and carbonate ions visual detecting: Spectroscopy and theoretical studies. Journal of Molecular Structure, 2021, 1241, 130626.	1.8	21
93	Knoevenagel condensation of isatins with malononitrile/ethyl cyanoacetate in the presence of sulfonic acid functionalized silica (SBA-Pr-SO3H) as a new nano-reactor. European Journal of Chemistry, 2012, 3, 310-313.	0.3	20
94	Recent advances in the application of acetophenone in heterocyclic compounds synthesis. Journal of the Iranian Chemical Society, 2020, 17, 247-282.	1.2	20
95	Ninhydrin in synthesis of heterocyclic compounds. Arkivoc, 2015, 2015, 1-139.	0.3	20
96	New functionalized 8-hydroxyquinoline-5-sulfonic acid mesoporous silica (HQS-SBA-15) as an efficient catalyst for the synthesis of 2-thiohydantoin derivatives. Tetrahedron, 2016, 72, 5420-5426.	1.0	19
97	A Schiff baseâ€grafted nanoporous silica material as a reversible optical probe for Hg²⁺ ion in water. Applied Organometallic Chemistry, 2017, 31, e3856.	1.7	19
98	Application of sulfonic acid functionalized nanoporous silica (SBA-Pr-SO3H) in the solvent free synthesis of (E)-arylidene-1,3-dihydroindole-2-ones. European Journal of Chemistry, 2012, 3, 279-282.	0.3	18
99	2,6-Bis(2-Benzimidazolyl)Pyridine Fluorescent Red-Shifted Sensor for Recognition of Zinc(II) and a Calorimetric Sensor for Iron Ions. Journal of Fluorescence, 2016, 26, 1723-1728.	1.3	18
100	Immobilization of lipases onto the SBA-15 mesoporous silica. Biocatalysis and Biotransformation, 2017, 35, 131-150.	1.1	18
101	A Novel Fluorescent Chemosensor Assembled with 2,6-Bis(2-Benzimidazolyl)Pyridine-Functionalized Nanoporous Silica-Type SBA-15 for Recognition of Hg2+ Ion in Aqueous Media. International Journal of Environmental Research, 2018, 12, 109-115.	1.1	18
102	The Synthesis and Application of Functionalized Mesoporous Silica SBA-15 as Heterogeneous Catalyst in Organic Synthesis. Current Organic Chemistry, 2021, 25, 361-387.	0.9	18
103	Photocatalytic degradation of organic pollutants, viral and bacterial pathogens using titania nanoparticles. Inorganic Chemistry Communication, 2021, 130, 108688.	1.8	18
104	Recent advances in the application of magnetic bio-polymers as catalysts in multicomponent reactions. RSC Advances, 2022, 12, 12672-12701.	1.7	18
105	Efficient Oneâ€Pot Synthesis of Bis(4â€hydroxycoumarin)methanes in the Presence of Sulfonic Acid Functionalized Nanoporous Silica (SBAâ€Prâ€SO₃H). Journal of the Chinese Chemical Society, 2013, 60, 499-502.	0.8	17
106	Application of Sulfonic Acid Functionalized SBAâ€15 as a New Nanoporous Acid Catalyst in the Green Oneâ€Pot Synthesis of Spirooxindoleâ€4Hâ€pyrans. Journal of Heterocyclic Chemistry, 2014, 51, 1628-1633.	1.4	17
107	Efficient one-pot synthesis of 2H-indazolo[2,1-b]phthalazinetrione derivatives with amino-functionalized nanoporous silica (SBA-Pr-NH2) as catalyst. Research on Chemical Intermediates, 2015, 41, 7581-7591.	1.3	17
108	Fluorescence-enhanced optical sensor for detection of Al3+ in water based on functionalised nanoporous silica type SBA-15. Chemical Papers, 2016, 70, .	1.0	17

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109	A single optical sensor with high sensitivity for detection of Fe 3+ and CN â˜ ions. Journal of Luminescence, 2016, 179, 463-468.	1.5	17
110	Waste-to-wealth transition: application of natural waste materials as sustainable catalysts in multicomponent reactions. Green Chemistry, 2022, 24, 4304-4327.	4.6	17
111	Silica-coated modified magnetic nanoparticles (Fe3O4@SiO2@(BuSO3H)3) as an efficient adsorbent for Pd2+ removal. Chemosphere, 2022, 307, 135622.	4.2	17
112	Novel Method for the Fast Separation and Purification of Molybdenum(VI) from Fission Products of Uranium with Aminofunctionalized Mesoporous Molecular Sieves (AMMS) Modified by Dicyclohexylâ€18â€Crownâ€6 and Sâ€N Tetradentate Schiff's Base. Analytical Letters, 2005, 38, 1813-1821.	1.0	16
113	One-Pot Synthesis of Ethanolamine-Modified Mesoporous Silica. Industrial & Engineering Chemistry Research, 2011, 50, 10036-10040.	1.8	16
114	Decorated palladium nanoparticles on mesoporous organosilicate as an efficient catalyst for Sonogashira coupling reaction. Journal of the Iranian Chemical Society, 2021, 18, 589-601.	1.2	16
115	Application of Sulfonic Acid Functionalized Nanoporous Silica (SBA-Pr-SO3H) for One-Pot Synthesis of Quinoxaline Derivatives. International Journal of Chemistry, 2011, 3, .	0.3	15
116	A novel Lu3+ fluorescent nano-chemosensor using new functionalized mesoporous structures. Analytica Chimica Acta, 2013, 771, 95-101.	2.6	15
117	A chromotropic acid modified SBA-15 as a highly sensitive fluorescent probe for determination of Fe3+ and Iâ˜ ions in water. Journal of Porous Materials, 2018, 25, 137-146.	1.3	15
118	Mesoporous Hierarchically Hollow Flower-Like CoAl-LDH@N,S-doped Graphene@Pd Nanoarchitectures for Heck Couplings. Catalysis Letters, 2019, 149, 2984-2993.	1.4	15
119	A dual-emission fluorescence probe for simultaneous quantification of CNâ˜ and Cr2O72â˜ ions based on modified g-C3N4. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 389, 112261.	2.0	15
120	SBA-Pr-IS-MN synthesis and its application as Ag+ optical sensor in aqueous media. Research on Chemical Intermediates, 2021, 47, 2845-2855.	1.3	15
121	The Molecular Diversity Scope of Oxindole Derivatives in Organic Synthesis. Current Organic Chemistry, 2021, 25, 779-818.	0.9	15
122	Design, synthesis and biological evaluation of benzofuran appended benzothiazepine derivatives as inhibitors of butyrylcholinesterase and antimicrobial agents. Bioorganic and Medicinal Chemistry, 2018, 26, 3076-3095.	1.4	14
123	The role of pyruvic acid as starting material in some organic reactions in the presence of SBA-Pr-SO3H nanocatalyst. Research on Chemical Intermediates, 2018, 44, 277-288.	1.3	14
124	The Molecular Diversity Scope of Urazole in the Synthesis of Organic Compounds. Current Organic Synthesis, 2019, 16, 953-967.	0.7	14
125	Green one-pot, four-component synthesis of spiro[indoline-3,4â€²-pyrano[2,3-c]pyrazole] derivatives using amino-functionalized nanoporous silica SBA-15 under solvent-free conditions. Journal of the Serbian Chemical Society, 2015, 80, 1265-1272.	0.4	14
126	The Synthesis of Heterocyclic Compounds Based on 3-Formylchromone via Organic Reactions. Heterocycles, 2020, 100, 993.	0.4	14

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127	Facile one-pot four-component synthesis of 3,4-dihydro-2-pyridone derivatives: Novel urease inhibitor scaffold. Research in Pharmaceutical Sciences, 2017, 12, 353.	0.6	14
128	Synthesis of novel fluorene-functionalised nanoporous silica and its luminescence behaviour in acidic media. Chemical Papers, 2013, 67, .	1.0	13
129	Highly selective production of phenol from benzene over mesoporous silica-supported chromium catalyst: Role of response surface methodology in optimization of operating variables. Chinese Journal of Catalysis, 2015, 36, 2020-2029.	6.9	13
130	Unexpected Synthesis of 1,3,4â€Oxadiazines using extraordinary effect of SBAâ€Prâ€SO₃H as the Nanoâ€“catalyst. ChemistrySelect, 2017, 2, 3496-3499.	0.7	13
131	Photocatalytic Application of TiO2â€“AgI Hybrid for Degradation of Organic Pollutants in Water. International Journal of Environmental Research, 2017, 11, 217-224.	1.1	13
132	Pre-concentration of Zn(II) ions from aqueous solutions using meso-porous pyridine-enrobed magnetite nanostructures. Food Chemistry, 2018, 257, 189-195.	4.2	13
133	The molecular diversity scope of 4-hydroxycoumarin in the synthesis of heterocyclic compounds via multicomponent reactions. Molecular Diversity, 2019, 23, 1029-1064.	2.1	13
134	An efficient method for the synthesis of functionalized 4H-chromenes as optical sensor for detection of Fe3+ in ethanol. Polyhedron, 2019, 166, 203-209.	1.0	13
135	Rational design of yolkâ€“shell nanostructures for drug delivery. RSC Advances, 2020, 10, 30094-30109.	1.7	13
136	Direct monitoring of diclofenac using a supramolecular fluorescent approach based on Î²-cyclodextrin nanosponge. Journal of Molecular Liquids, 2021, 336, 116104.	2.3	13
137	Application of Organoamine-functionalized Mesoporous Silica (SBA-Pr-NH2) as a Nano Base Catalyst in Organic Reactions. Current Organic Chemistry, 2017, 21, 674-687.	0.9	13
138	Recent Progress Towards Synthesis of the Indolizidine Alkaloid 195B. Current Organic Synthesis, 2020, 17, 82-90.	0.7	13
139	Pomegranate Punica granatum peel waste as a naked-eye natural colorimetric sensor for the detection and determination of Fe+3 and Iâ¯ ions in water. Chemosphere, 2022, 294, 133759.	4.2	13
140	Electrospun Ag-decorated reduced GO-graft-chitosan composite nanofibers with visible light photocatalytic activity for antibacterial performance. Chemosphere, 2022, 299, 134436.	4.2	13
141	Application of clickable nanoporous silica surface for immobilization of ionic liquids. Journal of Materials Research, 2012, 27, 932-938.	1.2	12
142	Preparation of a New Solidâ€Phase Microextraction Fiber by Coating Silylated Nanoporous Silica on a Copper Wire. Journal of the Chinese Chemical Society, 2012, 59, 727-732.	0.8	12
143	Hybrid Homogeneous and Heterogeneous Photocatalytic Processes for Removal of Triphenylmethane Dyes: Artificial Neural Network Modeling. Clean - Soil, Air, Water, 2016, 44, 809-817.	0.7	12
144	Domino synthesis of quinoxaline derivatives using SBA-Pr-NH2 as a nanoreactor and their spectrophotometric complexation studies with some metals ions. Journal of the Iranian Chemical Society, 2018, 15, 1153-1161.	1.2	12

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145	Synthesis and characterization of mesoporous organosilica supported palladium (SBAâ€Prâ€NCQâ€Pd) as an efficient nanocatalyst in the Mizorokiâ€“Heck coupling reaction. Applied Organometallic Chemistry, 2020, 34, e5916.	1.7	12
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