

Ghodsi Mohammadi Ziarani

List of Publications by Year in descending order

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283
papers

6,023
citations

70961

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312
all docs

312
docs citations

312
times ranked

6089
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, and nanoengineered modification of spherical graphene surface by layered double hydroxide (LDH) for removal of As(III) from aqueous solutions. <i>Chinese Journal of Chemical Engineering</i> , 2023, 53, 374-380.	1.7	9
2	Using the extract of pomegranate peel as a natural indicator for colorimetric detection and simultaneous determination of Fe ³⁺ and Fe ²⁺ by partial least squares-artificial neural network. <i>Journal of Chemometrics</i> , 2023, 37, .	0.7	1
3	The Application of Modified SBA-15 as a Chemosensor. <i>Current Nanomaterials</i> , 2022, 7, 4-24.	0.2	4
4	A Fluorescent Chemosensor Based on Functionalized Nanoporous Silica (SBA-15 SBA-IC-MN) for Detection of Hg ²⁺ in Aqueous Media. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 397-406.	1.7	11
5	SBA-ionic liquid as an efficient adsorbent of palladium, silver, and gold ions. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 247-255.	1.2	5
6	A new Fe ³⁺ colorimetric sensor: Nitrophenyl bispyrazole derivative synthesis using Fe ₃ O ₄ @SiO ₂ @Si-Pr-NH-(CH ₂) ₂ -NH ₂ and its DFT study. <i>Materials Chemistry and Physics</i> , 2022, 275, 125285.	2.0	11
7	An On-off Supramolecular Fluorescence Switch for Detection of Pb ²⁺ Ions and Vitamin C. <i>Journal of Fluorescence</i> , 2022, 32, 165-173.	1.3	1
8	2-Chloroquinoline-3-carbaldehyde modified nanoporous SBA-15-propylamine (SBA-Pr-NCQ) as a selective and sensitive Ag ⁺ ion sensor in aqueous media. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110399.	1.9	2
9	Synthesis of SBA-Pr-NHC as a selective fluorescent sensor for the detection of Ag ⁺ ion in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120580.	2.0	8
10	Immobilization of vitamin B1 on the magnetic dialdehyde starch as an efficient carbene-type support for the copper complexation and its catalytic activity examination. <i>Reactive and Functional Polymers</i> , 2022, 170, 105106.	2.0	5
11	A new fluorescence probe for detection of Cu ²⁺ in blood samples: Circuit logic gate. <i>Analytical Biochemistry</i> , 2022, 639, 114525.	1.1	9
12	Application of Multi-component Reaction in the Synthesis of Heterocyclic [3.3.3] Propellane Derivatives. <i>Current Organic Chemistry</i> , 2022, 26, 287-298.	0.9	3
13	Pomegranate <i>Punica granatum</i> peel waste as a naked-eye natural colorimetric sensor for the detection and determination of Fe ³⁺ and I ⁻ ions in water. <i>Chemosphere</i> , 2022, 294, 133759.	4.2	13
14	Recent advances on the synthesis of natural pyrrolizidine alkaloids: alexine, and its stereoisomers. <i>Natural Products and Bioprospecting</i> , 2022, 12, 3.	2.0	1
15	Recent Advances in the Application of Barbituric Acid Derivatives in Multicomponent Reactions. <i>Current Organic Chemistry</i> , 2022, 26, 162-188.	0.9	1
16	The Synthesis and Application of Ionic liquid Functionalized Mesoporous Silica SBA-15 in Organic Synthesis. <i>Current Organic Synthesis</i> , 2022, 19, .	0.7	1
17	Solvent-free one-pot synthesis of 4-aryl-3,5-dimethyl-1,4,7,8-tetrahydroadipyrzolo[3,4-b:4'3'-e]pyridines using Fe ₃ O ₄ @SiO ₂ @(BuSO ₃ H) ₃ catalytic Fe ³⁺ system as selective colorimetric. <i>Research on Chemical Intermediates</i> , 2022, 48, 2111-2133.	1.3	5
18	Molecular docking and optical sensor studies based on 2,4-diamino pyrimidine-5-carbonitriles for detection of Hg ²⁺ . <i>Environmental Research</i> , 2022, 212, 113245.	3.7	7

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19	A novel fluorescence sensor based on a tripodal carboxylic acid for detection and measurement of Cu ²⁺ in tomato: Experimental and computational studies. <i>Food and Chemical Toxicology</i> , 2022, 164, 112964.	1.8	4
20	Electrospun Ag-decorated reduced GO-graft-chitosan composite nanofibers with visible light photocatalytic activity for antibacterial performance. <i>Chemosphere</i> , 2022, 299, 134436.	4.2	13
21	The Molecular Diversity of 1H-Indole-3-Carbaldehyde Derivatives and Their Role in Multicomponent Reactions. <i>Topics in Current Chemistry</i> , 2022, 380, 24.	3.0	5
22	Waste-to-wealth transition: application of natural waste materials as sustainable catalysts in multicomponent reactions. <i>Green Chemistry</i> , 2022, 24, 4304-4327.	4.6	17
23	Recent advances in the application of magnetic bio-polymers as catalysts in multicomponent reactions. <i>RSC Advances</i> , 2022, 12, 12672-12701.	1.7	18
24	Dihydropyrano quinoline derivatives functionalized nanoporous silica as novel fluorescence sensor for Fe ³⁺ in aqueous solutions(aq). <i>Journal of Molecular Structure</i> , 2022, 1265, 133408.	1.8	2
25	The Synthesis of Australine and its Stereoisomers as Naturally Pyrrolizidine Alkaloids. <i>Mini-Reviews in Organic Chemistry</i> , 2022, 19, .	0.6	0
26	Silica-coated modified magnetic nanoparticles (Fe ₃ O ₄ @SiO ₂ @(BuSO ₃ H) ₃) as an efficient adsorbent for Pd ²⁺ removal. <i>Chemosphere</i> , 2022, 307, 135622.	4.2	17
27	Spiroindeno-pyridineindoles (SIPIs) as new visible colorimetric pH indicators. <i>Chemosphere</i> , 2022, 306, 135630.	4.2	0
28	Controlled release of anticancer drug using o-phenylenediamine functionalized SBA-15 as a novel nanocarrier. <i>Chemical Papers</i> , 2021, 75, 1841-1850.	1.0	7
29	Decorated palladium nanoparticles on mesoporous organosilicate as an efficient catalyst for Sonogashira coupling reaction. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 589-601.	1.2	16
30	The role of carbon nanotubes in antibiotics drug delivery. <i>Frontiers in Drug Chemistry and Clinical Research</i> , 2021, 4, .	0.6	1
31	Recent Achievements in the Synthesis of Heterocyclic Compounds by Phthalhydrazide-Based Multicomponent Reactions. <i>Heterocycles</i> , 2021, 102, 1861.	0.4	2
32	New advances on Au@magnetic organic hybrid core@shells in MRI, CT imaging, and drug delivery. <i>RSC Advances</i> , 2021, 11, 6517-6525.	1.7	12
33	Copper-free Sonogashira cross-coupling reactions: an overview. <i>RSC Advances</i> , 2021, 11, 6885-6925.	1.7	71
34	Green Reactions Under Solvent-Free Conditions. <i>Materials Horizons</i> , 2021, , 63-83.	0.3	2
35	Chemical Behavior of Cysteine in Organic Synthesis. <i>Current Organic Synthesis</i> , 2021, 18, 624-638.	0.7	1
36	The Synthesis and Application of Functionalized Mesoporous Silica SBA-15 as Heterogeneous Catalyst in Organic Synthesis. <i>Current Organic Chemistry</i> , 2021, 25, 361-387.	0.9	18

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37	Synthesis, characterization, and molecular docking of benzodiazepines in the presence of SrFe ₂ O ₉ magnetic nanocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2047-2056.	1.2	4
38	SBA-Pr-IS-MN synthesis and its application as Ag ⁺ optical sensor in aqueous media. <i>Research on Chemical Intermediates</i> , 2021, 47, 2845-2855.	1.3	15
39	Pd-free, Sonogashira cross-coupling reaction. An update. <i>Journal of Organometallic Chemistry</i> , 2021, 936, 121712.	0.8	31
40	SBA-Pr-Imine-Furan as an environmental adsorbent of Pd(II) in aqueous solutions. <i>Environmental Challenges</i> , 2021, 3, 100032.	2.0	11
41	The Molecular Diversity Scope of Oxindole Derivatives in Organic Synthesis. <i>Current Organic Chemistry</i> , 2021, 25, 779-818.	0.9	15
42	Synthesis of Heterocyclic Compounds through Multicomponent Reactions Using 6-Aminouracil as Starting Reagent. <i>Current Organic Chemistry</i> , 2021, 25, 1070-1095.	0.9	5
43	Synthesis of Ag(I)@Fum@Pr@Pyr@Benzimidazole and Its Optical and Catalytic Activities in Click Reactions. <i>ChemistrySelect</i> , 2021, 6, 6168-6180.	0.7	4
44	Synthesis and application of SBA-Pr-Py@Pd in Suzuki-type cross-coupling reaction. <i>Research on Chemical Intermediates</i> , 2021, 47, 4583-4594.	1.3	2
45	A new yolk-shell hollow mesoporous nanocomposite, Fe ₃ O ₄ @SiO ₂ @MCM41-IL/WO ₄ ²⁻ , as a catalyst in the synthesis of novel pyrazole coumarin compounds. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 155, 110097.	1.9	10
46	Conversion of Limonene over Heterogeneous Catalysis: An Overview. <i>Current Organic Synthesis</i> , 2021, 18, .	0.7	2
47	Photocatalytic degradation of organic pollutants, viral and bacterial pathogens using titania nanoparticles. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108688.	1.8	18
48	A Viewpoint on Potential Biomarkers for Infectious COVID-19 Severity: An Updated Literature Survey. <i>Infectious Disorders - Drug Targets</i> , 2021, 21, e270421186965.	0.4	0
49	Direct monitoring of diclofenac using a supramolecular fluorescent approach based on β -cyclodextrin nanosponge. <i>Journal of Molecular Liquids</i> , 2021, 336, 116104.	2.3	13
50	SBA-Pr-Is-TAP Functionalized Nanostructured Silica as a Highly Selective Fluorescent Chemosensor for Fe ³⁺ and Cr ²⁺ Ions in Aqueous Media. <i>Nanomaterials</i> , 2021, 11, 2533.	1.9	12
51	The Molecular Diversity of 1,8-diaminonaphthalene in Organic Chemistry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1702-1713.	0.6	6
52	Facile and green preparation of colorimetric and fluorescent sensors for mercury, silver, and carbonate ions visual detecting: Spectroscopy and theoretical studies. <i>Journal of Molecular Structure</i> , 2021, 1241, 130626.	1.8	21
53	Review of some transition metal-based mesoporous catalysts for the direct hydroxylation of benzene to phenol (DHBP). <i>Molecular Catalysis</i> , 2021, 515, 111873.	1.0	8
54	Magnetically recoverable catalysts for the preparation of pyridine derivatives: an overview. <i>RSC Advances</i> , 2021, 11, 17456-17477.	1.7	34

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55	An Overview of Quantitative and Qualitative Approaches on the Synthesis of Heterocyclic Kojic Acid Scaffolds through the Multi-Component Reactions. <i>Heterocycles</i> , 2021, 102, 211.	0.4	6
56	The Multi Steps Synthetic Methods of (±)-Indolizidine 209D as an Amphibian Natural Product in the Family of Alkaloids. <i>Natural Products Journal</i> , 2021, 11, 448-462.	0.1	1
57	Multicomponent Synthesis and Investigations Fluorescence Activity of Chromenone-Pyrazole Compounds. <i>Journal of Fluorescence</i> , 2021, , 1.	1.3	1
58	The synthesis of 1,2,4-benzotriazines. <i>Arkivoc</i> , 2020, 2019, 41-105.	0.3	5
59	Ultrasound-assisted synthesis of heterocyclic compounds. <i>Molecular Diversity</i> , 2020, 24, 771-820.	2.1	35
60	Application of multicomponent reactions in the total synthesis of natural peptides. <i>Arkivoc</i> , 2020, 2019, 18-40.	0.3	11
61	Recent advances in the application of acetophenone in heterocyclic compounds synthesis. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 247-282.	1.2	20
62	Fe ₃ O ₄ @SiO ₂ -(BuSO ₃ H) ₃ synthesis as a new efficient nanocatalyst and its application in the synthesis of heterocyclic [3.3.3] propellane derivatives. <i>Polyhedron</i> , 2020, 178, 114343.	1.0	26
63	A dual-emission fluorescence probe for simultaneous quantification of CN ⁻ and Cr ₂ O ₇ ²⁻ ions based on modified g-C ₃ N ₄ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112261.	2.0	15
64	Quinoline conjugated imidazopyridine and pyridopyrimidine synthesis in water as highly selective fluoride sensors via a catalyst-free four-component reaction. <i>Monatshefte für Chemie</i> , 2020, 151, 1581-1589.	0.9	8
65	Synthesis and characterization of mesoporous organosilica supported palladium (SBA-NCQ-Pd) as an efficient nanocatalyst in the Mizoroki-Heck coupling reaction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5916.	1.7	12
66	Recent Applications of Ritter Reactions in Organic Syntheses. <i>ChemistrySelect</i> , 2020, 5, 14349-14379.	0.7	29
67	A highly sensitive fluorescence measurement of amphetamine using 8-hydroxyquinoline- β -cyclodextrin grafted on graphene oxide. <i>Diamond and Related Materials</i> , 2020, 109, 108032.	1.8	10
68	Naphthoquinone-Functionalized Nanoporous Silica: Synthesis, Characterization and Application for Fluorescent Sensing of Dicromate. <i>Journal of Analytical Chemistry</i> , 2020, 75, 1278-1284.	0.4	3
69	Rational design of yolk-shell nanostructures for drug delivery. <i>RSC Advances</i> , 2020, 10, 30094-30109.	1.7	13
70	Acenaphthoquinoline as a selective fluorescent sensor for Hg (II) detection: experimental and theoretical studies. <i>Heliyon</i> , 2020, 6, e04986.	1.4	12
71	Fluorescence turn off-on probe (β -cyclodextrin-hydroxyquinoline) for monitoring of Cd ²⁺ ions and tetracycline. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 025009.	1.1	10
72	Sulfidic GO-grafted glass stir-bar as a noble metal ions adsorbent. <i>Microchemical Journal</i> , 2020, 157, 104878.	2.3	5

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73	Graphitic carbon nitride-based photocatalysts: Toward efficient organic transformation for value-added chemicals production. <i>Molecular Catalysis</i> , 2020, 488, 110902.	1.0	245
74	Lansoprazole-Based Colorimetric Chemosensor for Efficient Binding and Sensing of Carbonate Ion: Spectroscopy and DFT Studies. <i>Frontiers in Chemistry</i> , 2020, 8, 626472.	1.8	12
75	The Study of Several Synthesis Methods of Indolizidine ($\hat{A}\pm$)-209I and ($\hat{A}\pm$)-209B as Natural Alkaloids. <i>Current Organic Chemistry</i> , 2020, 24, 516-535.	0.9	7
76	Recent Progress Towards Synthesis of the Indolizidine Alkaloid 195B. <i>Current Organic Synthesis</i> , 2020, 17, 82-90.	0.7	13
77	A Fluorescent g-C ₃ N ₄ Nanosensor for Detection of Dichromate Ions. <i>Current Analytical Chemistry</i> , 2020, 16, 593-601.	0.6	5
78	The Synthesis of Heterocyclic Compounds Based on 3-Formylchromone via Organic Reactions. <i>Heterocycles</i> , 2020, 100, 993.	0.4	14
79	Quantitative and Qualitative Bibliometric Scope Toward the Synthesis of Rose Oxide as a Natural Product in Perfumery. <i>Current Organic Synthesis</i> , 2020, 17, 610-624.	0.7	5
80	Designer 3D CoAl-layered double hydroxide@N, S doped graphene hollow architecture decorated with Pd nanoparticles for Sonogashira couplings. <i>Applied Surface Science</i> , 2019, 496, 143599.	3.1	22
81	The role of hollow magnetic nanoparticles in drug delivery. <i>RSC Advances</i> , 2019, 9, 25094-25106.	1.7	96
82	Pd embedded N, S co-doped graphene wrapped core-shell magnetic nanospheres: Engineered stable nanocatalyst for Suzuki couplings. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5142.	1.7	4
83	Formation of functionalized silica-based nanoparticles and their application for extraction and determination of Hg (II) ion in fish samples. <i>Food Chemistry</i> , 2019, 300, 125180.	4.2	23
84	Boron-doped graphitic carbon nitride as a novel fluorescent probe for mercury(II) and iron(III): a circuit logic gate mimic. <i>New Journal of Chemistry</i> , 2019, 43, 12087-12093.	1.4	25
85	Mesoporous Hierarchically Hollow Flower-Like CoAl-LDH@N,S-doped Graphene@Pd Nanoarchitectures for Heck Couplings. <i>Catalysis Letters</i> , 2019, 149, 2984-2993.	1.4	15
86	A highly selective Ag ⁺ sensor based on 8-hydroxyquinoline functionalized graphene oxide-silica nanosheet and its logic gate behaviour. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17693-17705.	1.1	9
87	The molecular diversity scope of 4-hydroxycoumarin in the synthesis of heterocyclic compounds via multicomponent reactions. <i>Molecular Diversity</i> , 2019, 23, 1029-1064.	2.1	13
88	SBA-Pr-SO ₃ H-catalyzed synthesis of bispyrazole compounds as anti-bacterial agents and inhibitors of phosphorylated RET tyrosine kinase. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1401-1409.	1.2	7
89	Engineering of highly active Au/Pd supported on hydrogenated urchin-like yolk@shell TiO ₂ for visible light photocatalytic Suzuki coupling. <i>Catalysis Science and Technology</i> , 2019, 9, 3820-3827.	2.1	45
90	Preparation of a dual-functionalized fumed silica nanoparticle catalysis for synthesis of azalourenone derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 3301-3310.	1.3	3

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91	An efficient method for the synthesis of functionalized 4H-chromenes as optical sensor for detection of Fe ³⁺ in ethanol. <i>Polyhedron</i> , 2019, 166, 203-209.	1.0	13
92	The green synthesis of 2-amino-3-cyanopyridines using SrFe ₁₂ O ₁₉ magnetic nanoparticles as efficient catalyst and their application in complexation with Hg ²⁺ ions. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 365-372.	1.2	21
93	Synthesis of 1,4-Dihydropyridine as a Fluorescent and Colorimetric Chemosensor for Detection of Fe ³⁺ Ion. <i>Sensor Letters</i> , 2019, 17, 747-754.	0.4	8
94	Chemistry and Biological Activity of [1,2,3]-Benzotriazine Derivatives. <i>Current Organic Chemistry</i> , 2019, 22, 2717-2751.	0.9	3
95	The Molecular Diversity Scope of Urazole in the Synthesis of Organic Compounds. <i>Current Organic Synthesis</i> , 2019, 16, 953-967.	0.7	14
96	Synthesis and characterization of organic/inorganic hybrid materials based on polyhedral oligomeric silsesquioxane (POSS) and poly(ethylene glycol) via click chemistry. <i>Revue Roumaine De Chimie</i> , 2019, 64, 393-401.	0.4	1
97	Tris (2-aminoethyl) Amine Functionalized Nanoporous Silica SBA-15 as a Potential Drug Carrier for Citalopram. <i>International Journal of Basic Science in Medicine</i> , 2019, 4, 155-162.	0.1	2
98	Pre-concentration of Zn(II) ions from aqueous solutions using meso-porous pyridine-enrobed magnetite nanostructures. <i>Food Chemistry</i> , 2018, 257, 189-195.	4.2	13
99	NOT-INHIBIT Reversible Logic Gate Behavior of C ₃ N ₄ -Hg ²⁺ -Complexed Nanoparticles. <i>ChemistrySelect</i> , 2018, 3, 2096-2102.	0.7	3
100	Design, synthesis and biological evaluation of benzofuran appended benzothiazepine derivatives as inhibitors of butyrylcholinesterase and antimicrobial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3076-3095.	1.4	14
101	A Novel Fluorescent Chemosensor Assembled with 2,6-Bis(2-Benzimidazolyl)Pyridine-Functionalized Nanoporous Silica-Type SBA-15 for Recognition of Hg ²⁺ Ion in Aqueous Media. <i>International Journal of Environmental Research</i> , 2018, 12, 109-115.	1.1	18
102	Asymmetric synthesis of chiral oxindoles using isatin as starting material. <i>Tetrahedron</i> , 2018, 74, 1323-1353.	1.0	55
103	Domino synthesis of quinoxaline derivatives using SBA-Pr-NH ₂ as a nanoreactor and their spectrophotometric complexation studies with some metals ions. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1153-1161.	1.2	12
104	4-Hydroxy-6-methyl-2-pyrone: A Versatile Synthone in the Synthesis of Heterocyclic Scaffolds via Multicomponent Reactions. <i>Heterocycles</i> , 2018, 96, 381.	0.4	10
105	Recent advances in the application of indoles in multicomponent reactions. <i>RSC Advances</i> , 2018, 8, 12069-12103.	1.7	90
106	One-Pot Synthesis of Spiro[chromeno[2,3-c <i>h</i>]pyrazole-4,3 <i>h</i> -indoline]-diones Using Sulfonic Acid Functionalized Nanoporous Silica SBA-Pr-SO ₃ H and Study of Their Antimicrobial Properties. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 66-74.	1.4	10
107	A chromotropic acid modified SBA-15 as a highly sensitive fluorescent probe for determination of Fe ³⁺ and I ⁻ ions in water. <i>Journal of Porous Materials</i> , 2018, 25, 137-146.	1.3	15
108	A highly sensitive fluorescent bulk sensor based on isonicotinic acid hydrazide-immobilized nano-fumed silica (fumed-Si ⁻ INAH) for detection of Hg ²⁺ and Cr ³⁺ ions in aqueous media. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 211-221.	1.2	7

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109	Sol-gel auto-combustion production of SrFe ₁₂ O ₁₉ magnetic nanoparticles and its application in the synthesis of spirooxindole-quinazolinone derivatives. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 103-109.	1.1	10
110	The role of pyruvic acid as starting material in some organic reactions in the presence of SBA-Pr-SO ₃ H nanocatalyst. <i>Research on Chemical Intermediates</i> , 2018, 44, 277-288.	1.3	14
111	Selective detection of Hg ²⁺ ion in aqueous medium with the use of 3-(pyrimidin-2-ylimino)indolin-2-one-functionalized SBA-15. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3991.		10
112	Efficient device for the benign removal of organic pollutants from aqueous solutions using modified mesoporous magnetite nanostructures. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 113, 210-219.	1.9	26
113	Magnetic nanocrystallites strontium hexaferrite as an efficient catalyst in the green Betti reaction. <i>Inorganic and Nano-Metal Chemistry</i> , 2018, 48, 515-520.	0.9	6
114	Applications of SBA-15 supported Pd metal catalysts as nanoreactors in C-C coupling reactions. <i>RSC Advances</i> , 2018, 8, 41048-41100.	1.7	41
115	Synthesis of 4-quinazolinones by transition metal-catalyzed processes (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 317-319.	0.6	9
116	Immobilized different amines on modified magnetic nanoparticles as catalyst for biodiesel production from soybean oil. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1625-1632.	1.2	8
117	Introduction and Importance of Synthetic Organic Dyes. , 2018, , 1-7.		6
118	Carbazole Dyes. , 2018, , 109-116.		4
119	Fluorescein Dyes. , 2018, , 165-170.		3
120	Imide Dyes. , 2018, , 171-176.		0
121	Palladium-anchored multidentate SBA-15/diurea nanoreactor: A highly active catalyst for Suzuki coupling reaction. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4397.	1.7	44
122	Synthesis, Reaction and Biological Activity of Pyrazolo[5,1-c][1,2,4]benzotriazine 5-Oxides. <i>Heterocycles</i> , 2018, 96, 1869.	0.4	8
123	One-pot solvent-free synthesis of pyranonaphthoquinone-fused spirooxindoles catalyzed by SBA-IL. <i>Scientia Iranica</i> , 2018, ,	0.3	0
124	Efficient Synthesis and Antimicrobial Evaluation of Pyrazolopyranopyrimidines in the Presence of SBA-Pr-SO ₃ H as a Nanoporous Acid Catalyst. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 525-534.	0.3	5
125	Isatin functionalized nanoporous SBA-15 as a selective fluorescent probe for the detection of Hg(II) in water. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3175-3185.	1.9	32
126	Immobilization of lipases onto the SBA-15 mesoporous silica. <i>Biocatalysis and Biotransformation</i> , 2017, 35, 131-150.	1.1	18

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127	The use of SrFe ₁₂ O ₁₉ magnetic nanoparticles as an efficient catalyst in the modified Niementowski reaction. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3830.	1.7	22
128	Modification of fumed silica surface with different sulfonamides via a postsynthesis method and their application as antibacterial agents. <i>Comptes Rendus Chimie</i> , 2017, 20, 833-840.	0.2	11
129	Synthesis of Polyhedral Oligomeric Silsesquioxane (POSS) with Multifunctional Sulfonamide Groups Through Click Chemistry. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1037-1044.	1.9	9
130	Recent advances in asymmetric multicomponent reactions (AMCRs). <i>Tetrahedron: Asymmetry</i> , 2017, 28, 708-724.	1.8	57
131	Unexpected Synthesis of 1,3,4-Oxadiazines using extraordinary effect of SBA-Pr-SO ₃ H as the Nano-catalyst. <i>ChemistrySelect</i> , 2017, 2, 3496-3499.	0.7	13
132	A novel functionalized nanoporous SBA-15 as a selective fluorescent sensor for the detection of multianalytes (Fe ³⁺ and Cr ²⁺) in water. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 103, 238-248.	1.9	41
133	A Schiff base-grafted nanoporous silica material as a reversible optical probe for Hg ²⁺ ion in water. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3856.	1.7	19
134	Photocatalytic Application of TiO ₂ -Ag Hybrid for Degradation of Organic Pollutants in Water. <i>International Journal of Environmental Research</i> , 2017, 11, 217-224.	1.1	13
135	A new nano-sorbent for fast and efficient removal of heavy metals from aqueous solutions based on modification of magnetic mesoporous silica nanospheres. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 193-203.	1.0	99
136	Simultaneous photocatalytic and catalytic activity of p-n junction NiO@anatase/rutile-TiO ₂ as a noble-metal free reusable nanoparticle for synthesis of organic compounds. <i>Catalysis Communications</i> , 2017, 95, 77-82.	1.6	30
137	The role of hydrazide compounds in asymmetric synthesis. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 203-214.	1.8	10
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144	Electrochemical Determination of Glizalide on Magnetic Core-Shell Fe ₃ O ₄ @SiO ₂ Functionalized Multiwall Carbon Nanotubes Modified Glassy Carbon Electrode. <i>International Journal of Electrochemical Science</i> , 2017, 12, 8868-8877.	0.5	7

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148	Synthesis of spiro-fused heterocyclic scaffolds through multicomponent reactions involving isatin. <i>Arkivoc</i> , 2017, 2016, 1-81.	0.3	9
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156	Charge separation by tetrahedron-SrTiO ₃ /TiO ₂ heterojunction as an efficient photocatalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 7269-7284.	1.3	11
157	Synthesis of heterocyclic scaffolds through 6-aminouracil-involved multicomponent reactions. <i>RSC Advances</i> , 2016, 6, 38827-38848.	1.7	49
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176	Ultrasonic-assisted degradation of phenazopyridine with a combination of Sm-doped ZnO nanoparticles and inorganic oxidants. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 169-177.	3.8	87
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184	Efficient green synthesis of 3,3-di(indolyl)indolin-2-ones using sulfonic acid functionalized nanoporous SBA-Pr-SO ₃ H and study of their antimicrobial properties. <i>Journal of Taibah University for Science</i> , 2015, 9, 555-563.	1.1	9
185	Ultrasonic-assisted sol-gel synthesis of samarium, cerium co-doped TiO ₂ nanoparticles with enhanced sonocatalytic efficiency. <i>Ultrasonics Sonochemistry</i> , 2015, 26, 281-292.	3.8	55
186	UV-LEDs assisted preparation of silver deposited TiO ₂ catalyst bed inside microchannels as a high efficiency microphotoreactor for cleaning polluted water. <i>Chemical Engineering Journal</i> , 2015, 270, 158-167.	6.6	54
187	A Novel Naphthalene-Immobilized Nanoporous SBA-15 as a Highly Selective Optical Sensor for Detection of Fe ³⁺ in Water. <i>Journal of Fluorescence</i> , 2015, 25, 1297-1302.	1.3	27
188	Asymmetric synthesis of chiral 3,3-disubstituted oxindoles using isatin as starting material. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 517-541.	1.8	72
189	Application of SBA-Pr-NH ₂ as a nanoporous base silica catalyst in the development of 2,2-Bis(1H-indol-3-yl)acenaphthen-1(2H)-ones syntheses. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1649-1654.	1.2	4
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191	Carboxylic acid-functionalized SBA-15 nanorods for gemcitabine delivery. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	21
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194	The role of SBA-15 in drug delivery. <i>RSC Advances</i> , 2015, 5, 91686-91707.	1.7	93
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196	Highly selective production of phenol from benzene over mesoporous silica-supported chromium catalyst: Role of response surface methodology in optimization of operating variables. <i>Chinese Journal of Catalysis</i> , 2015, 36, 2020-2029.	6.9	13
197	One-pot four-component synthesis of 2,5-dioxo-1,2,3,4,5,6,7,8-octahydroquinolines catalyzed by silica-based sulfonic acid. <i>Research on Chemical Intermediates</i> , 2015, 41, 637-645.	1.3	10
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200	One-pot synthesis of 1,2,4,5-tetra substituted imidazoles using sulfonic acid functionalized silica (SiO ₂ -Pr-SO ₃ H). <i>Arabian Journal of Chemistry</i> , 2015, 8, 692-697.	2.3	32
201	Efficient one-pot synthesis of 2H-indazolo[2,1-b]phthalazine derivatives with amino-functionalized nanoporous silica (SBA-Pr-NH ₂) as catalyst. <i>Research on Chemical Intermediates</i> , 2015, 41, 7581-7591.	1.3	17
202	Sulfonic acid-functionalized mesoporous silica (SBA-Pr-SO ₃ H) as solid acid catalyst in organic reactions. <i>Journal of Molecular Catalysis A</i> , 2015, 397, 166-191.	4.8	139
203	Facile microwave-assisted synthesis of 2-aryloxazo[4,5-b]pyridines using SBA-Pr-NH ₂ . <i>Journal of Nanostructure in Chemistry</i> , 2015, 5, 39-44.	5.3	4
204	One-pot synthesis of pyrido[2,3-d]pyrimidine derivatives using sulfonic acid functionalized SBA-15 and the study on their antimicrobial activities. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 676-681.	2.4	40
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206	Application of SBA-Pr-NH ₂ in one-pot three-component reaction of methylene-carbonyl compounds, acenaphthenequinone, malononitriles and exploration of its antimicrobial activity. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 57-65.	1.2	10
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208	Green one-pot, four-component synthesis of spiro[indoline-3,4-pyrano[2,3-c]pyrazole] derivatives using amino-functionalized nanoporous silica SBA-15 under solvent-free conditions. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1265-1272.	0.4	14
209	Ninhydrin in synthesis of heterocyclic compounds. <i>Arkivoc</i> , 2015, 2015, 1-139.	0.3	20
210	APPLICATION OF SULFONIC ACID FUNCTIONALIZED NANOPOROUS SILICA (SBA-Pr-SO ₃ H) FOR THE PREPARATION OF 4,6-DIARYLPYRIMIDIN-2(1H)-ONES. <i>Quimica Nova</i> , 2015, , .	0.3	1
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213	Application of guanidine and its salts in multicomponent reactions. <i>Turkish Journal of Chemistry</i> , 2014, 38, 345-371.	0.5	7
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218	Silica functionalized propyl sulfonic acid (SiO ₂ -Pr-SO ₃ H): An efficient catalyst in organic reactions. <i>Journal of Molecular Catalysis A</i> , 2014, 391, 208-222.	4.8	54
219	A simple and clean method for multicomponent synthesis of spiro [indole-tetrahydropyrano(2,3-d)pyrimidine] derivatives using SBA-Pr-SO ₃ H as catalyst under solvent-free conditions. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 701-709.	1.2	33
220	Synthesis of 1,8-dioxo-decahydroacridine derivatives using sulfonic acid functionalized silica (SiO ₂ -Pr-SO ₃ H) under solvent free conditions. <i>Arabian Journal of Chemistry</i> , 2014, 7, 335-339.	2.3	64
221	SULFONIC ACID FUNCTIONALIZED NANOPOROUS SILICA (SBA-PR-SO ₃ H) AS AN EFFICIENT CATALYST FOR THE ONE-POT SYNTHESIS OF 2H-INDAZOLO[1,2-B]PHTHALAZINE-TRIONES. <i>Journal of the Chilean Chemical Society</i> , 2014, 59, 2271-2274.	0.5	9
222	Application of SiO ₂ -Pr-SO ₃ H in the Efficient Synthesis of Benzodiazepine Derivatives. <i>Open Journal of Organic Chemistry</i> , 2014, 2, 49.	0.0	0
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227	Efficient green synthesis of isoindigo derivatives using sulfonic-acid-functionalized nanoporous silica (SBA-Pr-SO ₃ H) catalyst and study of their antimicrobial properties. <i>Research on Chemical Intermediates</i> , 2013, 39, 3925-3936.	1.3	28
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230	Recent Application of 4-Hydroxycoumarin in Multi-Component Reactions. <i>Heterocycles</i> , 2013, 87, 1415.	0.4	38
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232	Efficient One-Pot Synthesis of Bis(4-hydroxycoumarin)methanes in the Presence of Sulfonic Acid Functionalized Nanoporous Silica (SBA-Pr-SO ₃ H). <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 499-502.	0.8	17
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234	One-pot Synthesis of Quinazolinone and Benzamide Derivatives Using SBA-Pr-SO ₃ H as a Nanoporous Heterogeneous Acid Catalyst. <i>Oriental Journal of Chemistry</i> , 2013, 29, 1597-1603.	0.1	5

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240	Synthesis of heterocyclic compounds based on isatin through 1,3-dipolar cycloaddition reactions. <i>Arkivoc</i> , 2012, 2012, 277-320.	0.3	120
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242	Application of Amino-Functionalized SBA-15 Type Mesoporous Silica in One-Pot Synthesis of Spirooxindoles. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1832-1839.	6.9	62
243	Application of clickable nanoporous silica surface for immobilization of ionic liquids. <i>Journal of Materials Research</i> , 2012, 27, 932-938.	1.2	12
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248	An Efficient Synthesis of Tetrahydrobenzo[<i>b</i>]pyran Derivatives Using Sulfonic Acid Functionalized Silica as an Efficient Catalyst. <i>E-Journal of Chemistry</i> , 2011, 8, 293-299.	0.4	30
249	Application of Sulfonic Acid Functionalized Nanoporous Silica (SBA-Pr-SO ₃ H) for One-Pot Synthesis of Quinoxaline Derivatives. <i>International Journal of Chemistry</i> , 2011, 3, .	0.3	15
250	Direct Hydroxylation of Benzene to Phenol over Fe ₃ O ₄ Supported on Nanoporous Carbon. <i>Chinese Journal of Catalysis</i> , 2011, 32, 258-263.	6.9	25
251	The one-pot synthesis of 14-aryl-14H-dibenzo[<i>a,j</i>]xanthene derivatives using sulfonic acid functionalized silica (-Pr) under solvent free conditions. <i>Scientia Iranica</i> , 2011, 18, 453-457.	0.3	48
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255	Preparation of CaWO ₄ :Ln ³⁺ @SiO ₂ (Ln=Tb, Dy and Ho) nanoparticles by a combustion reaction and their optical properties. <i>Journal of Luminescence</i> , 2010, 130, 2072-2075.	1.5	22
256	Effect of Benzyltrimethylammonium Ion as a Co-directing Agent on Phase Transitions in a Nanostructure Silica/Surfactant Composite. <i>E-Journal of Chemistry</i> , 2010, 7, 1407-1411.	0.4	1
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