

Abolfazl Ziarati

List of Publications by Year in descending order

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229
papers

5,702
citations

81743

39
h-index

133063

59
g-index

237
all docs

237
docs citations

237
times ranked

6045
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of mercury ions from aqueous by functionalized LUS-1 with Bis [3-(triethoxysilyl) propyl] tetrasulfide as an effective nanocomposite using response surface methodology (RSM). <i>Environmental Science and Pollution Research</i> , 2023, 30, 71649-71664.	2.7	3
2	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
3	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
4	Simultaneous removal of crystal violet and methyl green in water samples by functionalised SBA-15. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 5919-5935.	1.8	9
5	The Application of Modified SBA-15 as a Chemosensor. <i>Current Nanomaterials</i> , 2022, 7, 4-24.	0.2	4
6	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
7	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
8	New analytical methods using carbon-based nanomaterials for detection of Salmonella species as a major food poisoning organism in water and soil resources. <i>Chemosphere</i> , 2022, 287, 132243.	4.2	18
9	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
10	Insight into the activity of TiO ₂ @nitrogen-doped hollow carbon spheres supported on g-C ₃ N ₄ for robust photocatalytic performance. <i>Chemosphere</i> , 2022, 288, 132392.	4.2	17
11	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
12	Black titania; novel researches in synthesis and applications. <i>Inorganic Chemistry Communication</i> , 2022, 135, 109092.	1.8	8
13	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
14	Hyperbranched polyethylenimine functionalized silica/polysulfone nanocomposite membranes for water purification. <i>Chemosphere</i> , 2022, 290, 133363.	4.2	43
15	Highly antifouling polymer-nanoparticle-nanoparticle/polymer hybrid membranes. <i>Science of the Total Environment</i> , 2022, 810, 152228.	3.9	41
16	Inhibiting mTTR Aggregation/Fibrillation by a Chaperone-like Hydrophobic Amino Acid-Conjugated SPION. <i>Journal of Physical Chemistry B</i> , 2022, 126, 1640-1654.	1.2	9
17	Ethane-bridge periodic mesoporous organosilica materials as a novel fiber coating in headspace solid-phase microextraction of phthalate esters from saliva and PET container samples. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2285-2296.	1.9	3
18	Ethylendiaminetetraacetate functionalized ordered Santa Barbara Amorphous SBA-15 mesoporous silica as an effective adsorbent for preconcentration of some heavy metals followed by inductively coupled plasma atomic emission spectrometry. <i>Separation Science Plus</i> , 2022, 5, 75-83.	0.3	2

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19	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
20	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
21	Solvent-free one-pot synthesis of 4-aryl-3,5-dimethyl-1,4,7,8-tetrahydrodipyrzolo[3,4-b:4 ^ε ,3 ^ε -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
22	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
23	Design and synthesis of g-C ₃ N ₄ /(Cu/TiO ₂) nanocomposite for the visible light photocatalytic degradation of endosulfan in aqueous solutions. <i>Journal of Molecular Structure</i> , 2022, 1258, 132650.	1.8	16
24	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
25	Nano-architectural design of TiO ₂ for high performance photocatalytic degradation of organic pollutant: A review. <i>Environmental Research</i> , 2022, 212, 113347.	3.7	39
26	Simultaneous electrochemical determination of morphine and methadone by using CMK-5 mesoporous carbon and multivariate calibration. <i>Scientific Reports</i> , 2022, 12, 8270.	1.6	11
27	Application of polysaccharide-based biopolymers as supports in photocatalytic treatment of water and wastewater: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 3789-3809.	8.3	13
28	The Atomically Precise Gold/Captopril Nanocluster Au ₂₅ (Capt) ₁₈ Gains Anticancer Activity by Inhibiting Mitochondrial Oxidative Phosphorylation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29521-29536.	4.0	16
29	Heterojunction of N/B/RGO and g-C ₃ N ₄ anchored magnetic ZnFe ₂ O ₄ @ZnO for promoting UV/Vis-induced photo-catalysis and in vitro toxicity studies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11430-11443.	2.7	25
30	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
31	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
32	The ZnFe ₂ O ₄ @mZnO/N/RGO nano-composite as a carrier and an intelligent releaser drug with dual pH- and ultrasound-triggered control. <i>New Journal of Chemistry</i> , 2021, 45, 4280-4291.	1.4	25
33	New advances on Au ⁰ -magnetic organic hybrid core-shell in MRI, CT imaging, and drug delivery. <i>RSC Advances</i> , 2021, 11, 6517-6525.	1.7	12
34	A facile preparation of ZnFe ₂ O ₄ @CuO-N/B/RGO and ZnFe ₂ O ₄ @CuO@C ₃ N ₄ ternary heterojunction nanophotocatalyst: characterization, biocompatibility, photo-Fenton-like degradation of MO and magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 5457-5472.	1.1	22
35	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
36	Synthesis, characterization, and molecular docking of benzodiazepines in the presence of SrFe ₁₂ O ₁₉ magnetic nanocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2047-2056.	1.2	4

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37	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
38	Synthesis of Ag(I)@Fumâ~Prâ~Pyrâ~Benzimidazole and Its Optical and Catalytic Activities in Click Reactions. ChemistrySelect, 2021, 6, 6168-6180.	0.7	4
39	Synthesis and application of SBA-Pr-Py@Pd in Suzuki-type cross-coupling reaction. Research on Chemical Intermediates, 2021, 47, 4583-4594.	1.3	2
40	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. Journal of Physics and Chemistry of Solids, 2021, 155, 110097.	1.9	10
41	SBA-Pr-Is-TAP Functionalized Nanostructured Silica as a Highly Selective Fluorescent Chemosensor for Fe ³⁺ and Cr ₂ O ₇ ²⁻ Ions in Aqueous Media. Nanomaterials, 2021, 11, 2533.	1.9	12
42	Cur-loaded magnetic ZnFe ₂ O ₄ @mZnO-Ox-p-g-C ₃ N ₄ composites as dual pH- and ultrasound responsive nano-carriers for controlled and targeted cancer chemotherapy. Materials Chemistry and Physics, 2021, 271, 124863.	2.0	22
43	Magnetically recoverable catalysts for the preparation of pyridine derivatives: an overview. RSC Advances, 2021, 11, 17456-17477.	1.7	34
44	Multicomponent Synthesis and Investigations Fluorescence Activity of Chromenoneâ€“Pyrazole Compounds. Journal of Fluorescence, 2021, , 1.	1.3	1
45	Effect of nanosilica morphology on modification of asphalt binder. Road Materials and Pavement Design, 2020, 21, 2230-2246.	2.0	16
46	Anthracene modified graphene oxide-silica as an optical sensor for selective detection of Cu ²⁺ and I ⁻ ions. International Journal of Environmental Analytical Chemistry, 2020, 100, 686-701.	1.8	7
47	Removal of acid dyes from aqueous solutions using a new ecoâ€“friendly nanocomposite of CoFe ₂ O ₄ modified with Tragacanth gum. Journal of Applied Polymer Science, 2020, 137, 48605.	1.3	18
48	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
49	Effect of Piperazine Functionalization of Mesoporous Silica Type SBA-15 on the Loading Efficiency of 2-Mercaptobenzothiazole Corrosion Inhibitor. Industrial & Engineering Chemistry Research, 2020, 59, 3394-3404.	1.8	20
50	Naphthoquinone-Functionalized Nanoporous Silica: Synthesis, Characterization and Application for Fluorescent Sensing of Dicromate. Journal of Analytical Chemistry, 2020, 75, 1278-1284.	0.4	3
51	Rational design of yolkâ€“shell nanostructures for drug delivery. RSC Advances, 2020, 10, 30094-30109.	1.7	13
52	Acenaphthoquinoxaline as a selective fluorescent sensor for Hg (II) detection: experimental and theoretical studies. Heliyon, 2020, 6, e04986.	1.4	12
53	Cooling assisted headspace microextraction by packed sorbent coupled to HPLC for the determination of volatile polycyclic aromatic hydrocarbons in soil. Analytica Chimica Acta, 2020, 1125, 128-134.	2.6	19
54	Preparation of hierarchical g-C ₃ N ₄ @TiO ₂ hollow spheres for enhanced visible-light induced catalytic CO ₂ reduction. Solar Energy, 2020, 205, 465-473.	2.9	59

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55	Synthesis of Sodalite from Sepiolite by Alkali Fusion Method and Its Application to Remove Fe ³⁺ , Cr ³⁺ , and Cd ²⁺ from Aqueous Solutions. <i>Environmental Engineering Science</i> , 2020, 37, 689-701.	0.8	10
56	Visible Light CO ₂ Reduction to CH ₄ Using Hierarchical Yolk@shell TiO ₂ @H ₂ Modified with Plasmonic Au@Pd Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3689-3696.	3.2	47
57	High temperature composite membranes based on polybenzimidazole and dendrimer amine functionalized SBA-15 mesoporous silica for fuel cells. <i>New Journal of Chemistry</i> , 2020, 44, 5001-5018.	1.4	29
58	FRET probe for selective and sensitive detection of vitamin A by cadmium free quantum dots (ZnS). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 231, 118062.	2.0	9
59	Synthesis, Characterization and Luminescence Properties of YAG:RE (Ce, Sm and Gd) Nanophosphor by Cathodic Electrodeposition Method. <i>Russian Journal of Electrochemistry</i> , 2020, 56, 174-179.	0.3	3
60	Graphitic carbon nitride-based photocatalysts: Toward efficient organic transformation for value-added chemicals production. <i>Molecular Catalysis</i> , 2020, 488, 110902.	1.0	245
61	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
62	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
63	Effects of 8-hydroxyquinoline-coated graphene oxide on cell death and apoptosis in MCF-7 and MCF-10 breast cell lines. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 871-878.	1.0	8
64	Engineered bi-functional hydrophilic/hydrophobic yolk@shell architectures: A rational strategy for non-time dependent ultra selective photocatalytic oxidation. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 72-78.	10.8	26
65	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
66	The role of hollow magnetic nanoparticles in drug delivery. <i>RSC Advances</i> , 2019, 9, 25094-25106.	1.7	96
67	Pd embedded N, S doped graphene wrapped core-shell magnetic nanospheres: Engineered stable nanocatalyst for Suzuki couplings. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5142.	1.7	4
68	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
69	An ultrasensitive fluorescence sensor for determination of trace levels of copper in blood samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5593-5603.	1.9	29
70	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
71	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
72	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

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73	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
74	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
75	Removal of Hg(II) Ions from Aqueous Environment with the Use of Modified LUS-1 as New Nanostructured Adsorbent. <i>International Journal of Environmental Research</i> , 2019, 13, 557-569.	1.1	8
76	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
77	Value-added utilization of pyrolysis heavy distillate for the synthesis of nitrogen doped graphene with chemical vapor deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 525-530.	1.0	2
78	Highly selective silica-based fluorescent nanosensor for ferric ion (Fe ³⁺) detection in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 218, 293-298.	2.0	13
79	Fluorene-Functionalized, Dendrimer-Modified SBA-15: Detection of Iron(III) and Mercury (II) in Aqueous Media and Logic Gate Studies. <i>ChemistrySelect</i> , 2019, 4, 12559-12568.	0.7	1
80	3D Yolk@Shell TiO ₂ /LDH Architecture: Tailored Structure for Visible Light CO ₂ Conversion. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5903-5910.	4.0	63
81	The green synthesis of 2-amino-3-cyanopyridines using SrFe ₂ O ₉ 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
82	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
83	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
84	Improving Physical Adsorption of CO ₂ by Ionic Liquids-Loaded Mesoporous Silica. <i>Chemical Engineering and Technology</i> , 2018, 41, 1272-1281.	0.9	10
85	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
86	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
87	Effect of MAO-modified nanoporous silica supports with single-site titanocene catalyst on ethylene polymerization. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1026-1032.	1.2	3
88	Designer hydrogenated wrinkled yolk@shell TiO ₂ architectures towards advanced visible light photocatalysts for selective alcohol oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8962-8968.	5.2	25
89	Nano-NiZr ₄ (PO ₄) ₆ as a superior catalyst for the synthesis of propargylamines under ultrasound irradiation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 185-189.	0.3	3
90	One-Pot Synthesis of Spiro[chromeno[2,3-c]pyrazole-4,3a'-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

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91	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
92	A highly sensitive fluorescent bulk sensor based on isonicotinic acid hydrazide-immobilized nano-fumed silica (fumed-SiO ₂ -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
93	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
94	Response surface methodology modeling to improve degradation of Chlorpyrifos in agriculture runoff using TiO ₂ solar photocatalytic in a raceway pond reactor. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 919-925.	2.9	53
95	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
96	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.	1.2	10
97	Synthesis of magnetically modified mesoporous nanoparticles and their application in simultaneous determination of Pb(II), Cd(II) and Cu(II). <i>Research on Chemical Intermediates</i> , 2018, 44, 1689-1709.	1.3	19
98	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
99	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
100	Black hollow TiO ₂ nanocubes: Advanced nanoarchitectures for efficient visible light photocatalytic applications. <i>Applied Catalysis B: Environmental</i> , 2018, 238, 177-183.	10.8	62
101	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
102	Facile synthesis of NiS ₂ nanoparticles ingrained in a sulfur-doped carbon nitride framework with enhanced visible light photocatalytic activity: two functional roles of thiourea. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13448-13466.	5.2	65
103	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
104	A comparative screening of the catalytic activity of nanocrystalline MIIr ₄ (PO ₄) ₆ ceramics in the one-pot synthesis of 1,6-diamino-4-aryl-2-oxo-1,2-dihydropyridine-3,5-dicarbonitrile derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 91-101.	1.3	12
105	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
106	Immobilization of lipases onto the SBA-15 mesoporous silica. <i>Biocatalysis and Biotransformation</i> , 2017, 35, 131-150.	1.1	18
107	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
108	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

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109	Investigation of environmental and concentration effects on fluorescence properties of AlQ3 using mesoporous silica and polyacrylate. <i>Chemical Papers</i> , 2017, 71, 1887-1894.	1.0	2
110	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
111	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
112	Five-component domino synthesis of tetrahydropyridines using hexagonal PbCr _x Fe _{12-x} O ₁₉ as efficient magnetic nanocatalyst. <i>Research on Chemical Intermediates</i> , 2017, 43, 6155-6165.	1.3	67
113	Sonication method synergism with rare earth based nanocatalyst: preparation of NiFe _{2-x} Eu _x O ₄ nanostructures and its catalytic applications for the synthesis of benzimidazoles, benzoxazoles, and benzothiazoles under ultrasonic irradiation. <i>Journal of Rare Earths</i> , 2017, 35, 374-381.	2.5	130
114	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
115	Separation of trace amounts of palladium from water and wastewater samples using MPTMS-SBA-15 mesoporous silica sorbents. <i>Separation Science and Technology</i> , 2017, 52, 2829-2836.	1.3	3
116	Sulfur-Doped Mesoporous Carbon Nitride Decorated with Cu Particles for Efficient Photocatalytic Degradation under Visible-Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19239-19253.	1.5	60
117	Optimization of Influential Factors on the Photocatalytic Performance of TiO ₂ -Graphene Composite in Degradation of an Organic Dye by RSM Methodology. <i>Journal of Cluster Science</i> , 2017, 28, 2979-2995.	1.7	10
118	Facile one-pot synthesis of cerium oxide/sulfur-doped graphitic carbon nitride (g-C ₃ N ₄) as efficient nanophotocatalysts under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 59-73.	5.0	113
119	Extraction of gold, palladium and silver ions using organically modified silica-coated magnetic nanoparticles and silica gel as a sorbent. <i>Mikrochimica Acta</i> , 2017, 184, 3859-3866.	2.5	47
120	Post-modification of nanoporous silica type SBA-15 by bis(3-triethoxysilylpropyl)tetrasulfide as an efficient adsorbent for arsenic removal. <i>Powder Technology</i> , 2017, 319, 271-278.	2.1	33
121	Carboxyl-rich g-C ₃ N ₄ nanoparticles: Synthesis, characterization and their application for selective fluorescence sensing of Hg ²⁺ and Fe ³⁺ in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 244-252.	4.0	116
122	Application of SBA-Pr-SO ₃ H in the synthesis of 2,3-dihydroquinazoline-4(1H)-ones: characterization, UV-Vis investigations and DFT studies. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 577-583.	1.2	10
123	Application of Organoamine-functionalized Mesoporous Silica (SBA-Pr-NH ₂) as a Nano Base Catalyst in Organic Reactions. <i>Current Organic Chemistry</i> , 2017, 21, 674-687.	0.9	13
124	Hybrid Homogeneous and Heterogeneous Photocatalytic Processes for Removal of Triphenylmethane Dyes: Artificial Neural Network Modeling. <i>Clean - Soil, Air, Water</i> , 2016, 44, 809-817.	0.7	12
125	Adsorptive recovery of an essential rose oil component from aqueous solution by nanoporous carbon (CMK-3). <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1315-1324.	1.2	4
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128	<i>N</i> -butylamine functionalized graphene oxide for detection of iron(III) by photoluminescence quenching. <i>Luminescence</i> , 2016, 31, 229-235.	1.5	10
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