

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	Graphitic carbon nitride-based photocatalysts: Toward efficient organic transformation for value-added chemicals production. <i>Molecular Catalysis</i> , 2020, 488, 110902.	1.0	245
2	A voltammetric sensor based on NiO/CNTs ionic liquid carbon paste electrode for determination of morphine in the presence of diclofenac. <i>Materials Science and Engineering C</i> , 2014, 35, 379-385.	3.8	139
3	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
4	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
5	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
6	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
7	Carbon Paste Electrode Modified with Functionalized Nanoporous Silica Gel as a New Sensor for Determination of Silver Ion. <i>Electroanalysis</i> , 2007, 19, 1307-1314.	1.5	106
8	The role of hollow magnetic nanoparticles in drug delivery. <i>RSC Advances</i> , 2019, 9, 25094-25106.	1.7	96
9	The role of SBA-15 in drug delivery. <i>RSC Advances</i> , 2015, 5, 91686-91707.	1.7	93
10	TiO ₂ /CeO ₂ Hybrid Photocatalyst with Enhanced Photocatalytic Activity: Optimization of Synthesis Variables. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 7847-7855.	1.8	91
11	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
12	Study of the Effect of Additives on the Photocatalytic Degradation of a Triphenylmethane Dye in the Presence of Immobilized TiO ₂ /NiO Nanoparticles: Artificial Neural Network Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 6881-6895.	1.8	85
13	Batch and fixed-bed column adsorption of Cu(II), Pb(II) and Cd(II) from aqueous solution onto functionalised SBA-15 mesoporous silica. <i>Canadian Journal of Chemical Engineering</i> , 2013, 91, 739-750.	0.9	75
14	Five-component domino synthesis of tetrahydropyridines using hexagonal PbCr ₂ Fe ₁₂ O ₁₉ as efficient magnetic nanocatalyst. <i>Research on Chemical Intermediates</i> , 2017, 43, 6155-6165.	1.3	67
15	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
16	Surface functionalization of SBA-15 nanorods for anticancer drug delivery. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1296-1303.	2.7	63
17	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
18	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

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19	A simple nanoporous silica-based dual mode optical sensor for detection of multiple analytes (Fe ³⁺ , Al ³⁺ and CN ⁻) in water mimicking XOR logic gate. RSC Advances, 2016, 6, 5957-5964.	1.7	61
20	Sulfur-Doped Mesoporous Carbon Nitride Decorated with Cu Particles for Efficient Photocatalytic Degradation under Visible-Light Irradiation. Journal of Physical Chemistry C, 2017, 121, 19239-19253.	1.5	60
21	High-temperature stable anatase-type TiO ₂ nanotube arrays: A study of the structure–activity relationship. Applied Catalysis B: Environmental, 2016, 185, 119-132.	10.8	59
22	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
23	Ultrasonic-assisted sol–gel synthesis of samarium, cerium co-doped TiO ₂ nanoparticles with enhanced sonocatalytic efficiency. Ultrasonics Sonochemistry, 2015, 26, 281-292.	3.8	55
24	A highly flexible green synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives with CuI nanoparticles as catalyst under solvent-free conditions. Chinese Chemical Letters, 2014, 25, 401-405.	4.8	54
25	Silica functionalized propyl sulfonic acid (SiO ₂ -Pr-SO ₃ H): An efficient catalyst in organic reactions. Journal of Molecular Catalysis A, 2014, 391, 208-222.	4.8	54
26	Response surface methodology modeling to improve degradation of Chlorpyrifos in agriculture runoff using TiO ₂ solar photocatalytic in a raceway pond reactor. Ecotoxicology and Environmental Safety, 2018, 147, 919-925.	2.9	53
27	Effect of porogenic solvent on the morphology, recognition and release properties of carbamazepine–molecularly imprinted polymer nanospheres. Journal of Applied Polymer Science, 2011, 121, 1118-1126.	1.3	52
28	Ultrasonic-assisted synthesis of Ce doped cubic–hexagonal ZnTiO ₃ with highly efficient sonocatalytic activity. Ultrasonics Sonochemistry, 2016, 29, 258-269.	3.8	51
29	Application of sulfonic acid functionalized nanoporous silica (SBA-Pr-SO ₃ H) in the green one-pot synthesis of triazoloquinazolinones and benzimidazoquinazolinones. Arabian Journal of Chemistry, 2015, 8, 54-61.	2.3	49
30	Minimization of electrical energy consumption in the photocatalytic reduction of Cr(vi) by using immobilized Mg, Ag co-impregnated TiO ₂ nanoparticles. RSC Advances, 2014, 4, 28587.	1.7	48
31	A single hybrid optical sensor based on nanoporous silica type SBA-15 for detection of Pb ²⁺ and I ⁻ in aqueous media. RSC Advances, 2015, 5, 36530-36539.	1.7	47
32	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
33	Visible Light CO ₂ Reduction to CH ₄ Using Hierarchical Yolk@shell TiO ₂ H ₂ O Modified with Plasmonic Au–Pd Nanoparticles. ACS Sustainable Chemistry and Engineering, 2020, 8, 3689-3696.	3.2	47
34	Sonochemically synthesis of pyrazolones using reusable catalyst CuI nanoparticles that was prepared by sonication. Ultrasonics Sonochemistry, 2013, 20, 1069-1075.	3.8	46
35	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
36	Engineering of highly active Au/Pd supported on hydrogenated urchin-like yolk@shell TiO ₂ for visible light photocatalytic Suzuki coupling. Catalysis Science and Technology, 2019, 9, 3820-3827.	2.1	45

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37	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
38	SnCl ₂ /nano SiO ₂ : A green and reusable heterogeneous catalyst for the synthesis of polyfunctionalized 4H-pyrans. <i>Chinese Chemical Letters</i> , 2013, 24, 921-925.	4.8	43
39	Hyperbranched polyethylenimine functionalized silica/polysulfone nanocomposite membranes for water purification. <i>Chemosphere</i> , 2022, 290, 133363.	4.2	43
40	Selective Optical Sensing of Hg(II) in Aqueous Media by H-Acid/SBA-15: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 9281-9289.	1.5	41
41	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
42	Highly antifouling polymer-nanoparticle-nanoparticle/polymer hybrid membranes. <i>Science of the Total Environment</i> , 2022, 810, 152228.	3.9	41
43	A green synthesis of 3,4-dihydropyrimidine-2(1H)-one/thione derivatives using nanosilica-supported tin(II) chloride as a heterogeneous nanocatalyst. <i>Monatshefte für Chemie</i> , 2013, 144, 1865-1870.	0.9	40
44	Silica-Supported Antimony(III) Chloride as Highly Effective and Reusable Heterogeneous Catalyst for the Synthesis of Quinoxalines. <i>Catalysis Letters</i> , 2009, 133, 84-89.	1.4	39
45	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
46	Cross-linked poly(vinyl alcohol)/sulfonated nanoporous silica hybrid membranes for proton exchange membrane fuel cell. <i>Journal of Nanostructure in Chemistry</i> , 2014, 4, 1.	5.3	38
47	Piperazine and its carboxylic acid derivatives-functionalized mesoporous silica as nanocarriers for gemcitabine: Adsorption and release study. <i>Materials Science and Engineering C</i> , 2015, 49, 66-74.	3.8	38
48	Advances in click chemistry for silica-based material construction. <i>RSC Advances</i> , 2016, 6, 21979-22006.	1.7	36
49	Cross-aldol Condensation of Cycloalkanones and Aromatic Aldehydes in the Presence of Nanoporous Silica-based Sulfonic Acid (SiO ₂ -Pr-SO ₃ H) under Solvent Free Conditions. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1537-1542.	2.6	34
50	One pot synthesis of functionalized SBA-15 by using an 8-hydroxyquinoline-5-sulfonamide-modified organosilane as precursor. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 63-69.	5.0	34
51	Magnetically recoverable catalysts for the preparation of pyridine derivatives: an overview. <i>RSC Advances</i> , 2021, 11, 17456-17477.	1.7	34
52	Study of the Essential Oil Composition of Cumin Seeds by an Amino Ethyl-Functionalized Nanoporous SPME Fiber. <i>Chromatographia</i> , 2009, 70, 1147-1151.	0.7	33
53	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
54	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

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55	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
56	Thiomorpholine-functionalized nanoporous mesopore as a sensing material for Cd ²⁺ carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 1359-1366.	1.2	30
57	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
58	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
59	Photo and Chemical Reduction of Copper onto Anatase-type TiO ₂ Nanoparticles with Enhanced Surface Hydroxyl Groups as Efficient Visible Light Photocatalysts. <i>Photochemistry and Photobiology</i> , 2015, 91, 797-806.	1.3	29
60	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
61	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
62	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
63	Efficient One-pot Solvent-free Synthesis of 1-H-Pyrazolo[1,2- <i>b</i>]phthalazine-5,10-diones Catalyzed by Sulfonic Acid Functionalized Nanoporous Silica (SBA-Pr-SO ₃ H). <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 990-994.	0.8	28
64	Silica (NPs) supported Fe (III) as a reusable heterogeneous catalyst for the one-pot synthesis of 1, 4-dihydropyridines under mild conditions. <i>Journal of Chemical Sciences</i> , 2012, 124, 933-939.	0.7	27
65	Simultaneous sonication assistance for the synthesis of tetrahydropyridines and its efficient catalyst ZrP ₂ O ₇ nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1150-1154.	3.8	27
66	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
67	Enhanced photocatalytic removal of phenazopyridine by using silver-impregnated SiO ₂ @TiO ₂ nanoparticles: optimization of synthesis variables. <i>Research on Chemical Intermediates</i> , 2015, 41, 9929-9949.	1.3	26
68	A Single Fluorescent Sensor for Hg ²⁺ and Discriminately Detection of Cr ³⁺ and Cr(VI). <i>Journal of Fluorescence</i> , 2016, 26, 263-270.	1.3	26
69	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
70	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
71	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
72	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

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73	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
74	CuI Nanoparticles as New, Efficient and Reusable Catalyst for the One-pot Synthesis of 1,4-Dihydropyridines. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2679-2682.	1.0	25
75	Synthesis of Spherical Carbon Nitride-Based Polymer Composites by Continuous Aerosol Photopolymerization with Efficient Light Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21731-21741.	4.0	24
76	Pico Level Monitoring of Silver with Modified Hexagonal Mesoporous Compound (MCM-41) and Inductively Coupled Plasma Atomic Emission Spectrometry. <i>Water, Air, and Soil Pollution</i> , 2006, 173, 71-80.	1.1	23
77	A Simple Colorimetric Chemosensor for Naked Eye Detection of Cyanide Ion. <i>Journal of Fluorescence</i> , 2016, 26, 1857-1864.	1.3	23
78	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
79	Application of SBA-Pr-SO ₃ H as a nanoreactor in the one-pot synthesis of spiroquinazolinones. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1037-1043.	1.2	22
80	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
81	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
82	A facile preparation of ZnFe ₂ O ₄ @CuO-N/B/RGO and ZnFe ₂ O ₄ @Cu@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
83	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. <i>Materials Chemistry and Physics</i> , 2021, 271, 124863.	2.0	22
84	Application of SiO ₂ -Pr-SO ₃ H as an efficient catalyst in the Ritter reaction. <i>Research on Chemical Intermediates</i> , 2013, 39, 3157-3163.	1.3	21
85	An efficient FeCl ₃ /SiO ₂ NPs as a reusable heterogeneous catalyzed five-component reactions of tetrahydropyridines under mild conditions. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 135-139.	1.2	21
86	Carboxylic acid-functionalized SBA-15 nanorods for gemcitabine delivery. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	21
87	One-pot solvent-free synthesis of 1,8-dioxo-octahydroxanthene derivatives using sulfonic acid-functionalized LUS-1 and their antimicrobial activities. <i>Research on Chemical Intermediates</i> , 2016, 42, 3847-3861.	1.3	21
88	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
89	A three-dimensional highly stable cobalt(II) metal-organic framework based on terephthalic acid: synthesis, crystal structure, thermal and physical properties. <i>Transition Metal Chemistry</i> , 2012, 37, 679-685.	0.7	20
90	Effect of Piperazine Functionalization of Mesoporous Silica Type SBA-15 on the Loading Efficiency of 2-Mercaptobenzothiazole Corrosion Inhibitor. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3394-3404.	1.8	20

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91	Highly efficient synthesis of benzopyranopyridines via ZrP ₂ O ₇ nanoparticles catalyzed multicomponent reactions of salicylaldehydes with malononitrile and thiols. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 450-457.	1.0	19
92	Adsorptive removal of toxic dye from aqueous solution and real industrial effluent by tris(2-aminoethyl)amine functionalized nanoporous silica. <i>Environmental Progress and Sustainable Energy</i> , 2014, 33, 1242-1250.	1.3	19
93	New functionalized 8-hydroxyquinoline-5-sulfonic acid mesoporous silica (HQS-SBA-15) as an efficient catalyst for the synthesis of 2-thiohydantoin derivatives. <i>Tetrahedron</i> , 2016, 72, 5420-5426.	1.0	19
94	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
95	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
96	Cooling assisted headspace microextraction by packed sorbent coupled to HPLC for the determination of volatile polycyclic aromatic hydrocarbons in soil. <i>Analytica Chimica Acta</i> , 2020, 1125, 128-134.	2.6	19
97	Selective Determination of Selenium in Garlic, Mushroom and Water Samples by Chemically Modified Mesoporous Silica Solid Phase Coupled with ICP-OES. <i>Food Analytical Methods</i> , 2013, 6, 548-558.	1.3	18
98	2,6-Bis(2-Benzimidazolyl)Pyridine Fluorescent Red-Shifted Sensor for Recognition of Zinc(II) and a Calorimetric Sensor for Iron Ions. <i>Journal of Fluorescence</i> , 2016, 26, 1723-1728.	1.3	18
99	Synthesis of pyrazolopyridines catalyzed by nano-CdZr ₄ (PO ₄) ₆ as a reusable catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 8143-8156.	1.3	18
100	Immobilization of lipases onto the SBA-15 mesoporous silica. <i>Biocatalysis and Biotransformation</i> , 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 Hg ²⁺ Ion in Aqueous Media. <i>International Journal of Environmental Research</i> , 2018, 12, 109-115.	1.1	18
102	Removal of acid dyes from aqueous solutions using a new eco-friendly nanocomposite of CoFe ₂ O ₄ modified with Tragacanth gum. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48605.	1.3	18
103	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
104	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
105	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
106	A convenient and efficient synthesis of triarylamine derivatives using CuI nanoparticles. <i>RSC Advances</i> , 2014, 4, 16385.	1.7	17
107	Application of Sulfonic Acid Functionalized SBA-15 as a New Nanoporous Acid Catalyst in the Green One-Pot Synthesis of Spirooxindole-Hydrindopyrans. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1628-1633.	1.4	17
108	Efficient one-pot synthesis of 2H-indazolo[2,1-b]phthalazinetrione 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

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109	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
110	A novel method for the one-pot five-component synthesis of highly functionalized pyranopyrazoles catalyzed by CuI nanoparticles. <i>Acta Chimica Slovenica</i> , 2013, 60, 403-10.	0.2	17
111	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. <i>Analytical Letters</i> , 2005, 38, 1813-1821.	1.0	16
112	Separation, pre-concentration and determination of trace amounts of lead(II) ions in environmental samples using two functionalised nanoporous silica gels containing a dipyridyl sub-unit. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 1014-1024.	1.8	16
113	One-Pot Synthesis of Ethanolamine-Modified Mesoporous Silica. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 10036-10040.	1.8	16
114	Pseudo five-component process for the synthesis of functionalized tricarbonylamides using CuI nanoparticles as reusable catalyst. <i>Chinese Chemical Letters</i> , 2013, 24, 195-198.	4.8	16
115	Effect of nanosilica morphology on modification of asphalt binder. <i>Road Materials and Pavement Design</i> , 2020, 21, 2230-2246.	2.0	16
116	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
117	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
118	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
119	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
120	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
121	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
122	Functionalized nanostructured silica by tetradentate-amine chelating ligand as efficient heavy metals adsorbent : Applications to industrial effluent treatment. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1598-1607.	1.2	14
123	Label free Detection of Vitamin B12 Based on Fluorescence Quenching of Graphene Oxide Nanolayer. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 878-884.	1.0	14
124	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
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