List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Magnetic fiber headspace solid-phase microextraction of Ferulago angulata volatile components using Preysslerâ€ŧype polyoxometalate/metal–organic framework/silica aerogel sorbent. Food Chemistry, 2022, 373, 131423.	8.2	6
2	Effect of the foliar application of zinc oxide nanoparticles on some biochemical and physiological parameters of <i>Trigonella foenum-graecum</i> under salinity stress. Plant Biosystems, 2021, 155, 267-280.	1.6	33
3	Cobalt(<scp>ii</scp>) Schiff base chemically grafted onto magnetic amino-functionalized reduced graphene oxide nanosheets for highly rapid and selective removal of methyl orange. New Journal of Chemistry, 2021, 45, 11946-11959.	2.8	3
4	A NaX zeolite framework containing magnetic MgFe ₂ O ₄ /CdO nanoparticles: synthesis, characterization and catalytic performance in the decontamination of 2-chloroethyl phenyl sulfide (2-CEPS) as a model of sulfur mustard agent. New Journal of Chemistry, 2021, 45, 21315-21326.	2.8	2
5	Sonochemical synthesis and structural characterization of an organic-inorganic nanohybrid based on a copper-dithiocarbamate complex and PMo12O403â^ polyanion as a novel sonocatalyst. Ultrasonics Sonochemistry, 2020, 64, 104727.	8.2	12
6	Efficacy of Novel NaX/MgO–TiO2 Zeolite Nanocomposite for the Adsorption of Methyl Orange (MO) Dye: Isotherm, Kinetic and Thermodynamic Studies. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 2067-2080.	3.7	18
7	Preparation of novel hybrid nanomaterials based on LaFeO ₃ and phosphotungstic acid as a highly efficient magnetic photocatalyst for the degradation of methylene blue dye solution. Applied Organometallic Chemistry, 2020, 34, e6011.	3.5	6
8	An organic–inorganic hybrid nanomaterial composed of a Dowson-type (NH ₄) ₆ P ₂ Mo ₁₈ O ₆₂ heteropolyanion and a metal–organic framework: synthesis, characterization, and application as an effective adsorbent for the removal of organic dyes. RSC Advances, 2020, 10, 40005-40018.	3.6	11
9	MIL-101(Cr)–cobalt ferrite magnetic nanocomposite: synthesis, characterization and applications for the sonocatalytic degradation of organic dye pollutants. RSC Advances, 2020, 10, 32845-32855.	3.6	15
10	Synthesis and characterization of a novel manganese ferrite–metal organic framework MIL-101(Cr) nanocomposite as an efficient and magnetically recyclable sonocatalyst. New Journal of Chemistry, 2020, 44, 16234-16245.	2.8	22
11	Construction of magnetic MgFe ₂ O ₄ /CdS/MoS ₂ ternary nanocomposite supported on NaY zeolite and highly efficient sonocatalytic degradation of organic pollutants. RSC Advances, 2020, 10, 44034-44049.	3.6	9
12	Magnetic separable zeolite-type ZSM-5/CdS nanorods/MoS ₂ nanoflowers/MnFe ₂ O ₄ quaternary nanocomposites: synthesis and application of sonocatalytic activities. New Journal of Chemistry, 2020, 44, 20878-20894.	2.8	7
13	Preparation and characterization of novel polyoxometalate/CoFe ₂ O ₄ /metal–organic framework magnetic core–shell nanocomposites for the rapid removal of organic dyes from water. RSC Advances, 2020, 10, 39881-39893.	3.6	40
14	New hybrid nanostructures based on keggin-type 12-tungstophosphate and some metal-semicarbazone complexes: Synthesis, x-ray crystal structures and spectroscopic studies. Journal of Molecular Structure, 2020, 1217, 128385.	3.6	4
15	Improving the efficiency of Nafion-based proton exchange membranes embedded with magnetically aligned silica-coated Co3O4 nanoparticles. Solid State Ionics, 2020, 351, 115343.	2.7	18
16	Green synthesis of Ag-ZnO nanocomposites using Trigonella foenum-graecum leaf extract and their antibacterial, antifungal, antioxidant and photocatalytic properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118595.	3.9	68
17	Encapsulation of K6P2W18O62 into magnetic nanoporous Fe3O4/MIL-101 (Fe) for highly enhanced removal of organic dyes. Journal of Solid State Chemistry, 2020, 285, 121264.	2.9	46
18	A novel CoFe ₂ O ₄ @Cr-MIL-101/Y zeolite ternary nanocomposite as a magnetically separable sonocatalyst for efficient sonodegradation of organic dye contaminants from water. RSC Advances, 2020, 10, 10082-10096.	3.6	14

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19	Fabrication of a novel magnetic CdS nanorod/NiFe ₂ O ₄ /NaX zeolite nanocomposite with enhanced sonocatalytic performance in the degradation of organic dyes. New Journal of Chemistry, 2020, 44, 8386-8401.	2.8	19
20	Synthesis, Spectroscopy and X-ray Crystallography Structure of Pyridine 4-Carbaldehyde Semicarbazone Schiff Base Ligand. Advanced Journal of Chemistry-Section A, 2020, 3, 534-541.	1.1	4
21	Yolk–shell microspheres assembled from Preysslerâ€type NaP ₅ W ₃₀ O ₁₁₀ ^{14â^'} polyoxometalate and MILâ€101(Cr) metal–organic framework: A new inorganic–organic nanohybrid for fast and selective removal of cationic organic dves from aqueous media. Applied Organometallic Chemistry. 2019. 33. e4656.	3.5	16
22	A novel n-type CdS nanorods/p-type LaFeO ₃ heterojunction nanocomposite with enhanced visible-light photocatalytic performance. RSC Advances, 2019, 9, 24489-24504.	3.6	48
23	Cetyltrimethylammonium Bromide (CTAB) Bloated Micelles and Merged CTAB/Bolaamphiphiles Self-Assembled Vesicles toward the Generation of Highly Porous Alumina as Efficacious Inorganic Adsorbents. Langmuir, 2019, 35, 11188-11199.	3.5	13
24	Immobilization of Cr-MIL-101 over the NiO/13X zeolite nanocomposite towards ultrasound-assisted destruction of organic dyes in aqueous media. Journal of Water Process Engineering, 2019, 32, 100946.	5.6	15
25	A novel approach for the synthesis of phospholipid bilayer-coated zeolitic imidazolate frameworks: preparation and characterization as a pH-responsive drug delivery system. New Journal of Chemistry, 2019, 43, 1956-1963.	2.8	19
26	A magnetically separable plate-like cadmium titanate–copper ferrite nanocomposite with enhanced visible-light photocatalytic degradation performance for organic contaminants. RSC Advances, 2019, 9, 15615-15628.	3.6	31
27	Improving the adsorption ability of perovskite-type LaNiO3 nanomaterial towards organic dyes by hybridizing with phosphotungstic acid. Polyhedron, 2019, 169, 39-50.	2.2	26
28	Spanish olive leaf extractâ€loaded nanostructured lipid carriers: Production and physicochemical characterization by Zetasizer, FTâ€lR, DTA/TGA, FEâ€SEM and XRD. Journal of Food Processing and Preservation, 2019, 43, e13994.	2.0	8
29	Theoretical study of diminutive and cooperative effects in triad C4B2H6(HF)2 complexes. Chemical Papers, 2019, 73, 1447-1457.	2.2	1
30	Phosphotungstic acid supported on silica-coated LaCoO3: Synthesis, characterization and application as a novel and efficient adsorbent for the removal of organic pollutants. Polyhedron, 2019, 158, 423-431.	2.2	14
31	Catalytic performance of ZnFe2O4 nanoparticles prepared from the [ZnFe2O(CH3COO)6(H2O)3]·2H2O complex under microwave irradiation. Research on Chemical Intermediates, 2019, 45, 379-400.	2.7	12
32	Sonocatalytic performance of magnetically separable CuS/CoFe2O4 nanohybrid for efficient degradation of organic dyes. Ultrasonics Sonochemistry, 2018, 44, 359-367.	8.2	67
33	12-Molybdophosphoric acid anchored on aminopropylsilanized magnetic graphene oxide nanosheets (Fe ₃ O ₄ /GrOSi(CH ₂) ₃ â€"NH ₂ /H ₃ a novel magnetically recoverable solid catalyst for H ₂ O ₂ -mediated oxidation of benzylic alcohols under solvent-free conditions. RSC Advances. 2018. 8, 6768-6780.	PMogsub	>120<
34	Novel magnetically separable Ag3PO4/MnFe2O4 nanocomposite and its high photocatalytic degradation performance for organic dyes under solar-light irradiation. Solar Energy Materials and Solar Cells, 2018, 178, 154-163.	6.2	92
35	Synthesis and sonocatalytic performance of a ternary magnetic MIL-101(Cr)/RGO/ZnFe2O4 nanocomposite for degradation of dye pollutants. Ultrasonics Sonochemistry, 2018, 42, 647-658.	8.2	81
36	Fullerene-modified magnetic silver phosphate (Ag ₃ PO ₄ /Fe ₃ O ₄ /C ₆₀) nanocomposites: hydrothermal synthesis, characterization and study of photocatalytic, catalytic and antibacterial activities. RSC Advances, 2018, 8, 10124-10140.	3.6	27

#	ARTICLE Anchoring H ₃ PW ₁₂ O ₄₀ on aminopropyisilanized spinelaetype	IF	CITATIONS
37	cobalt oxide (Co ₃ O ₄ ‧iPrNH ₂ /H ₃ PW ₁₂ O ₄₀): A novel nanohybrid adsorbent for removing cationic organic dye pollutants from aqueous solutions.	3.5	11
38	K ₆ P ₂ W ₁₈ O ₆₂ encapsulated into magnetic Fe ₃ O ₄ /MIL-101 (Cr) metal–organic framework: a novel magnetically recoverable nanoporous adsorbent for ultrafast treatment of aqueous organic pollutants solutions. RSC Advances, 2018, 8, 37976-37992.	3.6	40
39	Cooperative effect between pnicogen bond and hydrogen bond interactions in typical X…AsH ₂ F…HF complexes (X = NR ₃ , PR ₃ and OR _{2<td>∍>,)6Tj E</td><td>TQq1 1 0.784</td>}	∍> ,)6Tj E	TQq1 1 0.784
40	Copper ferrite nanoparticles supported on MIL-101/reduced graphene oxide as an efficient and recyclable sonocatalyst. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 674-685.	5.3	29
41	Sonocatalytic performance of magnetic flower-like CoFe2O4 nanoparticles prepared from a heterometallic oxo-centered trinuclear complex under microwave irradiation. Polyhedron, 2018, 155, 66-76.	2.2	17
42	Novel sheetâ€like bismuth subcarbonateâ€zinc ferrite (Bi ₂ O ₂ CO ₃ /ZnFe ₂ O ₄) magnetically recyclable nanocomposites: Synthesis, characterization and enhanced catalytic performance for the reduction of nitrophenols and nitroanilines. Applied Organometallic Chemistry, 2018, 32, e4518.	3.5	10
43	Preparation and characterization of fullerene (C ₆₀)-modified BiVO ₄ /Fe ₃ O ₄ nanocomposite by hydrothermal method and study of its visible light photocatalytic and catalytic activity. Fullerenes Nanotubes and Carbon Nanostructures. 2018. 26. 417-432.	2.1	14
44	Hydrothermal Synthesis of Novel Magnetic Plate-Like Bi2O2CO3/CoFe2O4 Hybrid Nanostructures and Their Catalytic Performance for the Reduction of Some Aromatic Nitrocompounds. Acta Chimica Slovenica, 2018, 65, 448-461.	0.6	2
45	Magnetically Separable Ag/CuFe2O4 /Reduced Graphene Oxide Ternary Nanocomposite with High Performance for the Removal of Nitrophenols and Dye Pollutants from Aqueous Media. Acta Chimica Slovenica, 2018, 65, 919-931.	0.6	12
46	Ultrasound-assisted degradation of organic dyes over magnetic CoFe2O4@ZnS core-shell nanocomposite. Ultrasonics Sonochemistry, 2017, 37, 298-309.	8.2	85
47	First organic–inorganic hybrid nanomaterial constructed from a Keggin-type polyoxometallate and a copper-dithiocarbamate complex: Sonochemical synthesis, crystal structure and its adsorption performance for organic dye pollutants. Polyhedron, 2017, 126, 227-238.	2.2	23
48	Synthesis and characterization of a series of novel perovskite-type LaMnO ₃ /Keggin-type polyoxometalate hybrid nanomaterials for fast and selective removal of cationic dyes from aqueous solutions. Dalton Transactions, 2017, 46, 3252-3264.	3.3	32
49	Pnicogen bond interaction between PF2Y (Y = –Câ~°N, –Nâ~°C) with NH3, CH3OH, H2O, and HF molecules. Structural Chemistry, 2017, 28, 1843-1851.	2.0	3
50	Ag ₃ PO ₄ /CoFe ₂ O ₄ magnetic nanocomposite: synthesis, characterization and applications in catalytic reduction of nitrophenols and sunlight-assisted photocatalytic degradation of organic dye pollutants. RSC Advances, 2017, 7, 18293-18304.	3.6	71
51	NMR investigation of substituent effects on strength the intramolecular hydrogen bonding interaction in X–phenylhydrazones switches: A theoretical study. Chemical Physics Letters, 2017, 676, 6-11.	2.6	6
52	A new inorganic–organic nanohybrid based on a copper(II) semicarbazone complex and the PMo12O403â^' polyanion: Synthesis, characterization, crystal structure and photocatalytic activity for degradation of cationic dyes. Polyhedron, 2017, 122, 247-256.	2.2	19
53	Flower-like Bi2O2CO3/NiFe2O4 magnetically recoverable nanocomposites: Preparation, characterization and their catalytic application in the reduction of 4-nitrophenol to 4-aminophenol. Journal of Alloys and Compounds, 2017, 729, 1046-1057.	5.5	21
54	Microwave-assisted rapid synthesis of graphene-analogue hexagonal boron nitride (h-BN) nanosheets and their application for the ultrafast and selective adsorption of cationic dyes from aqueous solutions. RSC Advances, 2017, 7, 53984-53995.	3.6	42

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55	A new nanohybrid material constructed from Keggin-type polyoxometalate and Cd(II) semicarbazone Schiff base complex with excellent adsorption properties for the removal of cationic dye pollutants. Journal of Molecular Structure, 2017, 1130, 592-602.	3.6	39
56	Facile template-free hydrothermal synthesis of Co3O4 hollow microspheres constructed by nanoparticles using [Co(NH3)4CO3]NO3 and their photocatalytic activity. Journal of Alloys and Compounds, 2017, 692, 923-933.	5.5	20
57	Green Biosynthesis of Spherical Silver Nanoparticles by Using Date Palm (Phoenix Dactylifera) Fruit Extract and Study of Their Antibacterial and Catalytic Activities. Acta Chimica Slovenica, 2017, 64, 129-143.	0.6	43
58	Graphene Oxide/Co3O4 Nanocomposite: Synthesis, Characterization, and Its Adsorption Capacity for the Removal of Organic Dye Pollutants from Water. Acta Chimica Slovenica, 2017, 64, 945-958.	0.6	28
59	Magnetically Recyclable Fe3O4/GO-NH2/H3PMo12O40 Nanocomposite: Synthesis, Characterization, and Application in Selective Adsorption of Cationic Dyes from Water. Acta Chimica Slovenica, 2017, 64, 1005-1019.	0.6	10
60	CoFe2O4/CdS nanocomposite: Preparation, characterisation, and application in sonocatalytic degradation of organic dye pollutants. Chinese Journal of Catalysis, 2016, 37, 1487-1495.	14.0	32
61	Phosphotungstic acid supported on aminosilica functionalized perovskite-type LaFeO ₃ nanoparticles: a novel recyclable and excellent visible-light photocatalyst. RSC Advances, 2016, 6, 102984-102996.	3.6	37
62	Non-bonding interactions and non-covalent delocalization effects play a critical role in the relative stability of group 12 complexes arising from interaction of diethanoldithiocarbamate with the cations of transition metals Zn(II), Cd(II), and Hg(II): a theoretical study. Journal of Molecular Modeling, 2016, 22, 155.	1.8	0
63	Theoretical investigation of the nature and strength of simultaneous interactions of π–Ĩ€ stacking and halogen bond including NMR, SAPT, AIM and NBO analysis. Structural Chemistry, 2016, 27, 1543-1551.	2.0	11
64	Copper(I) sulfide (Cu 2 S) nanoparticles from Cu(II) diethyldithiocarbamate: Synthesis, characterization and its application in ultrasound-assisted catalytic degradation of organic dye pollutants. Materials Research Bulletin, 2016, 83, 345-353.	5.2	34
65	Synthesis and structural characterization of magnetic cadmium sulfide–cobalt ferrite nanocomposite, and study of its activity for dyes degradation under ultrasound. Journal of Molecular Structure, 2016, 1123, 171-179.	3.6	26
66	Influence of rotational barrier of single-molecule electric revolving door on energies, aromaticity and quadrupole moment. Molecular Physics, 2016, 114, 1513-1519.	1.7	1
67	A new nano-scale manganese (II) coordination polymer constructed from semicarbazone Schiff base and dicyanamide ligands: Synthesis, crystal structure and DFT calculations. Journal of Molecular Structure, 2016, 1108, 583-589.	3.6	12
68	Characterization of Cobalt Oxide Nanoparticles Prepared by the Thermal Decomposition. Acta Chimica Slovenica, 2016, , 335-343.	0.6	119
69	Advanced nanocomposite membranes for fuel cell applications: a comprehensive review. Biofuel Research Journal, 2016, 3, 496-513.	13.3	80
70	ZnAl2O4@SiO2 nanocomposite catalyst for the acetylation of alcohols, phenols and amines with acetic anhydride under solvent-free conditions. Chinese Journal of Catalysis, 2014, 35, 368-375.	14.0	21
71	Sol–gel derived LaFeO3/SiO2 nanocomposite: synthesis, characterization and its application as a new, green and recoverable heterogeneous catalyst for the efficient acetylation of amines, alcohols and phenols. Journal of the Iranian Chemical Society, 2014, 11, 1103-1112.	2.2	7
72	Co3O4 nanoplates: Synthesis, characterization and study of optical and magnetic properties. Journal of Alloys and Compounds, 2014, 587, 632-637.	5.5	48

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73	Synthesis and characterization of Co3O4 nanoplates by simple thermolysis of the [Co(NH3)6]2(C2O4)3·4H2O complex. Polyhedron, 2014, 67, 104-110.	2.2	24
74	Synthesis, characterization, and investigation of optical and magnetic properties of cobalt oxide (Co3O4) nanoparticles. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	140
75	Perovskite-type ferromagnetic BiFeO3 nanopowder: a new magnetically recoverable heterogeneous nanocatalyst for efficient and selective transfer hydrogenation of aromatic nitro compounds into aromatic amines under microwave heating. Journal of the Iranian Chemical Society, 2012, 9, 1021-1031.	2.2	6
76	Solid-state thermal decomposition of the [Co(NH3)5CO3]NO3·0.5H2O complex: A simple, rapid and low-temperature synthetic route to Co3O4 nanoparticles. Journal of Alloys and Compounds, 2012, 515, 180-185.	5.5	37
77	Efficient and selective oxidative decarboxylation of arylcarboxylic acids into the corresponding aldehydes and ketones using K5CoIIIW12O40 as a green oxidant under microwave and conventional heating. Journal of the Iranian Chemical Society, 2011, 8, 470-476.	2.2	2
78	NiO nanoparticles prepared via thermal decomposition of the bis(dimethylglyoximato)nickel(II) complex: A novel reusable heterogeneous catalyst for fast and efficient microwave-assisted reduction of nitroarenes with ethanol. Polyhedron, 2011, 30, 606-613.	2.2	63
79	Preparation and characterization of NiO nanoparticles from thermal decomposition of the [Ni(en)3](NO3)2 complex: A facile and low-temperature route. Polyhedron, 2011, 30, 971-975.	2.2	52
80	Na4W10O32/ZrO2 nanocomposite prepared via a sol–gel route: A novel, green and recoverable photocatalyst for reductive cleavage of azobenzenes to amines with 2-propanol. Journal of Molecular Catalysis A, 2010, 318, 75-84.	4.8	22
81	Preparation and characterization of pure single-phase BiFeO3 nanoparticles through thermal decomposition of the heteronuclear Bi[Fe(CN)6]·5H2O complex. Polyhedron, 2010, 29, 2959-2965.	2.2	43
82	Microwave-assisted solid-state decomposition of La[Co(CN)6]·5H2O precursor: A simple and fast route for the synthesis of single-phase perovskite-type LaCoO3 nanoparticles. Journal of Alloys and Compounds, 2010, 489, 586-591.	5.5	40
83	Bismuth ferrite (BiFeO3) nanopowder prepared by sucrose-assisted combustion method: A novel and reusable heterogeneous catalyst for acetylation of amines, alcohols and phenols under solvent-free conditions. Journal of Molecular Catalysis A, 2009, 299, 18-25.	4.8	133
84	Polyoxometalate–zirconia (POM/ZrO2) nanocomposite prepared by sol–gel process: A green and recyclable photocatalyst for efficient and selective aerobic oxidation of alcohols into aldehydes and ketones. Applied Catalysis A: General, 2009, 354, 119-126.	4.3	101
85	Rapid synthesis of perovskite-type LaFeO3 nanoparticles by microwave-assisted decomposition of bimetallic La[Fe(CN)6]·5H2O compound. Journal of Alloys and Compounds, 2009, 471, L5-L8.	5.5	83
86	Mixed-addenda 10-molybdo-2-vanadophosphoric heteropolyacid (H5PV2Mo10O40): An efficient catalyst under solvent-free conditions for rapid acylation of alcohols. Catalysis Communications, 2008, 9, 703-708.	3.3	15
87	Photolytic decarboxylation of α-arylcarboxylic acids mediated by HgF2 under a dioxygen atmosphere. Tetrahedron Letters, 2006, 47, 1965-1968.	1.4	17
88	Aerobic photocatalytic oxidation of activated benzylic and allylic alcohols to carbonyl compounds catalyzed by molecular iodine. Tetrahedron Letters, 2006, 47, 8953-8957.	1.4	22
89	Photocatalytic oxidation of primary and secondary benzylic alcohols to carbonyl compounds catalyzed by H3PW12O40/SiO2 under an O2 atmosphere. Tetrahedron Letters, 2005, 46, 8483-8486.	1.4	54
90	Dawson-Type Polyoxometalate Incorporated into Nanoporous MIL-101(Cr): Preparation, Characterization and Application for Ultrafast Removal of Organic Dyes. Acta Chimica Slovenica, 0, , 85-102.	0.6	21

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91	Sonocatalytic degradation of organic pollutants by CdS nanoparticles hydrothermally prepared from cadmium (II) diethanoldithiocarbamate. , 0, 66, 299-308.		13
92	Synthesis of phosphoric triamide nanostructures, characterization, X-ray crystallography, and preparation of P ₂ O ₅ -RGO nanocomposites by solvothermal method. Inorganic and Nano-Metal Chemistry, 0, , 1-13.	1.6	0
93	Ag nanoparticles supported on a magnetic NiFe ₂ O ₄ /MIL-101(Fe) metal–organic framework nanocomposite for the room temperature rapid catalytic reduction of nitrophenols and nitroanilines. New Journal of Chemistry, 0, , .	2.8	1