

# Saeed Farhadi

## List of Publications by Year in descending order

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93  
papers

2,748  
citations

159358

30  
h-index

214527

47  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3442  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, and investigation of optical and magnetic properties of cobalt oxide (Co <sub>3</sub> O <sub>4</sub> ) nanoparticles. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	5.3	140
2	Bismuth ferrite (BiFeO <sub>3</sub> ) nanopowder prepared by sucrose-assisted combustion method: A novel and reusable heterogeneous catalyst for acetylation of amines, alcohols and phenols under solvent-free conditions. <i>Journal of Molecular Catalysis A</i> , 2009, 299, 18-25.	4.8	133
3	Characterization of Cobalt Oxide Nanoparticles Prepared by the Thermal Decomposition. <i>Acta Chimica Slovenica</i> , 2016, , 335-343.	0.2	119
4	Polyoxometalate-zirconia (POM/ZrO <sub>2</sub> ) nanocomposite prepared by sol-gel process: A green and recyclable photocatalyst for efficient and selective aerobic oxidation of alcohols into aldehydes and ketones. <i>Applied Catalysis A: General</i> , 2009, 354, 119-126.	2.2	101
5	Novel magnetically separable Ag <sub>3</sub> PO <sub>4</sub> /MnFe <sub>2</sub> O <sub>4</sub> nanocomposite and its high photocatalytic degradation performance for organic dyes under solar-light irradiation. <i>Solar Energy Materials and Solar Cells</i> , 2018, 178, 154-163.	3.0	92
6	Ultrasound-assisted degradation of organic dyes over magnetic CoFe <sub>2</sub> O <sub>4</sub> @ZnS core-shell nanocomposite. <i>Ultrasonics Sonochemistry</i> , 2017, 37, 298-309.	3.8	85
7	Rapid synthesis of perovskite-type LaFeO <sub>3</sub> nanoparticles by microwave-assisted decomposition of bimetallic La[Fe(CN) <sub>6</sub> ]·5H <sub>2</sub> O compound. <i>Journal of Alloys and Compounds</i> , 2009, 471, L5-L8.	2.8	83
8	Synthesis and sonocatalytic performance of a ternary magnetic MIL-101(Cr)/RGO/ZnFe <sub>2</sub> O <sub>4</sub> nanocomposite for degradation of dye pollutants. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 647-658.	3.8	81
9	Advanced nanocomposite membranes for fuel cell applications: a comprehensive review. <i>Biofuel Research Journal</i> , 2016, 3, 496-513.	7.2	80
10	Ag <sub>3</sub> PO <sub>4</sub> /CoFe <sub>2</sub> O <sub>4</sub> magnetic nanocomposite: synthesis, characterization and applications in catalytic reduction of nitrophenols and sunlight-assisted photocatalytic degradation of organic dye pollutants. <i>RSC Advances</i> , 2017, 7, 18293-18304.	1.7	71
11	Green synthesis of Ag-ZnO nanocomposites using <i>Trigonella foenum-graecum</i> leaf extract and their antibacterial, antifungal, antioxidant and photocatalytic properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118595.	2.0	68
12	Sonocatalytic performance of magnetically separable CuS/CoFe <sub>2</sub> O <sub>4</sub> nanohybrid for efficient degradation of organic dyes. <i>Ultrasonics Sonochemistry</i> , 2018, 44, 359-367.	3.8	67
13	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. <i>Polyhedron</i> , 2011, 30, 606-613.	1.0	63
14	Photocatalytic oxidation of primary and secondary benzylic alcohols to carbonyl compounds catalyzed by H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /SiO <sub>2</sub> under an O <sub>2</sub> atmosphere. <i>Tetrahedron Letters</i> , 2005, 46, 8483-8486.	0.7	54
15	Preparation and characterization of NiO nanoparticles from thermal decomposition of the [Ni(en) <sub>3</sub> ](NO <sub>3</sub> ) <sub>2</sub> complex: A facile and low-temperature route. <i>Polyhedron</i> , 2011, 30, 971-975.	1.0	52
16	Co <sub>3</sub> O <sub>4</sub> nanoplates: Synthesis, characterization and study of optical and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2014, 587, 632-637.	2.8	48
17	A novel n-type CdS nanorods/p-type LaFeO <sub>3</sub> heterojunction nanocomposite with enhanced visible-light photocatalytic performance. <i>RSC Advances</i> , 2019, 9, 24489-24504.	1.7	48
18	Encapsulation of K <sub>6</sub> P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> into magnetic nanoporous Fe <sub>3</sub> O <sub>4</sub> /MIL-101 (Fe) for highly enhanced removal of organic dyes. <i>Journal of Solid State Chemistry</i> , 2020, 285, 121264.	1.4	46

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19	Preparation and characterization of pure single-phase BiFeO <sub>3</sub> nanoparticles through thermal decomposition of the heteronuclear Bi[Fe(CN) <sub>6</sub> ]·5H <sub>2</sub> O complex. <i>Polyhedron</i> , 2010, 29, 2959-2965.	1.0	43
20	Green Biosynthesis of Spherical Silver Nanoparticles by Using Date Palm ( <i>Phoenix Dactylifera</i> ) Fruit Extract and Study of Their Antibacterial and Catalytic Activities. <i>Acta Chimica Slovenica</i> , 2017, 64, 129-143.	0.2	43
21	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. <i>RSC Advances</i> , 2017, 7, 53984-53995.	1.7	42
22	Microwave-assisted solid-state decomposition of La[Co(CN) <sub>6</sub> ]·5H <sub>2</sub> O precursor: A simple and fast route for the synthesis of single-phase perovskite-type LaCoO <sub>3</sub> nanoparticles. <i>Journal of Alloys and Compounds</i> , 2010, 489, 586-591.	2.8	40
23	K <sub>6</sub> P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> encapsulated into magnetic Fe <sub>3</sub> O <sub>4</sub> /MIL-101 (Cr) metal-organic framework: a novel magnetically recoverable nanoporous adsorbent for ultrafast treatment of aqueous organic pollutants solutions. <i>RSC Advances</i> , 2018, 8, 37976-37992.	1.7	40
24	Preparation and characterization of novel polyoxometalate/CoFe <sub>2</sub> O <sub>4</sub> /metal-organic framework magnetic core-shell nanocomposites for the rapid removal of organic dyes from water. <i>RSC Advances</i> , 2020, 10, 39881-39893.	1.7	40
25	A new nano hybrid material constructed from Keggin-type polyoxometalate and Cd(II) semicarbazone Schiff base complex with excellent adsorption properties for the removal of cationic dye pollutants. <i>Journal of Molecular Structure</i> , 2017, 1130, 592-602.	1.8	39
26	Solid-state thermal decomposition of the [Co(NH <sub>3</sub> ) <sub>5</sub> CO <sub>3</sub> ]NO <sub>3</sub> ·0.5H <sub>2</sub> O complex: A simple, rapid and low-temperature synthetic route to Co <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Journal of Alloys and Compounds</i> , 2012, 515, 180-185.	2.8	37
27	Phosphotungstic acid supported on aminosilica functionalized perovskite-type LaFeO <sub>3</sub> nanoparticles: a novel recyclable and excellent visible-light photocatalyst. <i>RSC Advances</i> , 2016, 6, 102984-102996.	1.7	37
28	Copper(I) sulfide (Cu <sub>2</sub> S) nanoparticles from Cu(II) diethyldithiocarbamate: Synthesis, characterization and its application in ultrasound-assisted catalytic degradation of organic dye pollutants. <i>Materials Research Bulletin</i> , 2016, 83, 345-353.	2.7	34
29	Effect of the foliar application of zinc oxide nanoparticles on some biochemical and physiological parameters of <i>Trigonella foenum-graecum</i> under salinity stress. <i>Plant Biosystems</i> , 2021, 155, 267-280.	0.8	33
30	CoFe <sub>2</sub> O <sub>4</sub> /CdS nanocomposite: Preparation, characterisation, and application in sonocatalytic degradation of organic dye pollutants. <i>Chinese Journal of Catalysis</i> , 2016, 37, 1487-1495.	6.9	32
31	Synthesis and characterization of a series of novel perovskite-type LaMnO <sub>3</sub> /Keggin-type polyoxometalate hybrid nanomaterials for fast and selective removal of cationic dyes from aqueous solutions. <i>Dalton Transactions</i> , 2017, 46, 3252-3264.	1.6	32
32	A magnetically separable plate-like cadmium titanate-copper ferrite nanocomposite with enhanced visible-light photocatalytic degradation performance for organic contaminants. <i>RSC Advances</i> , 2019, 9, 15615-15628.	1.7	31
33	Copper ferrite nanoparticles supported on MIL-101/reduced graphene oxide as an efficient and recyclable sonocatalyst. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 674-685.	2.7	29
34	Graphene Oxide/Co <sub>3</sub> O <sub>4</sub> Nanocomposite: Synthesis, Characterization, and Its Adsorption Capacity for the Removal of Organic Dye Pollutants from Water. <i>Acta Chimica Slovenica</i> , 2017, 64, 945-958.	0.2	28
35	Fullerene-modified magnetic silver phosphate (Ag <sub>3</sub> PO <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /C <sub>60</sub> ) nanocomposites: hydrothermal synthesis, characterization and study of photocatalytic, catalytic and antibacterial activities. <i>RSC Advances</i> , 2018, 8, 10124-10140.	1.7	27
36	Synthesis and structural characterization of magnetic cadmium sulfide-cobalt ferrite nanocomposite, and study of its activity for dyes degradation under ultrasound. <i>Journal of Molecular Structure</i> , 2016, 1123, 171-179.	1.8	26

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37	Improving the adsorption ability of perovskite-type LaNiO <sub>3</sub> nanomaterial towards organic dyes by hybridizing with phosphotungstic acid. <i>Polyhedron</i> , 2019, 169, 39-50.	1.0	26
38	12-Molybdophosphoric acid anchored on aminopropylsilanized magnetic graphene oxide nanosheets (Fe <sub>3</sub> O <sub>4</sub> /GrOSi(CH <sub>2</sub> ) <sub>3</sub> -NH <sub>2</sub> /H <sub>3</sub> PMo <sub>12</sub> O <sub>42</sub> ) a novel magnetically recoverable solid catalyst for H <sub>2</sub> O <sub>2</sub> -mediated oxidation of benzylic alcohols under solvent-free conditions. <i>RSC Advances</i> , 2018, 8, 6768-6780.	1.7	25
39	Synthesis and characterization of Co <sub>3</sub> O <sub>4</sub> nanoplates by simple thermolysis of the [Co(NH <sub>3</sub> ) <sub>6</sub> ] <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ·4H <sub>2</sub> O complex. <i>Polyhedron</i> , 2014, 67, 104-110.	1.0	24
40	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. <i>Polyhedron</i> , 2017, 126, 227-238.	1.0	23
41	Aerobic photocatalytic oxidation of activated benzylic and allylic alcohols to carbonyl compounds catalyzed by molecular iodine. <i>Tetrahedron Letters</i> , 2006, 47, 8953-8957.	0.7	22
42	Na <sub>4</sub> W <sub>10</sub> O <sub>32</sub> /ZrO <sub>2</sub> nanocomposite prepared via a sol-gel route: A novel, green and recoverable photocatalyst for reductive cleavage of azobenzenes to amines with 2-propanol. <i>Journal of Molecular Catalysis A</i> , 2010, 318, 75-84.	4.8	22
43	Synthesis and characterization of a novel manganese ferrite-metal organic framework MIL-101(Cr) nanocomposite as an efficient and magnetically recyclable sonocatalyst. <i>New Journal of Chemistry</i> , 2020, 44, 16234-16245.	1.4	22
44	ZnAl <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> nanocomposite catalyst for the acetylation of alcohols, phenols and amines with acetic anhydride under solvent-free conditions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 368-375.	6.9	21
45	Flower-like Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /NiFe <sub>2</sub> O <sub>4</sub> magnetically recoverable nanocomposites: Preparation, characterization and their catalytic application in the reduction of 4-nitrophenol to 4-aminophenol. <i>Journal of Alloys and Compounds</i> , 2017, 729, 1046-1057.	2.8	21
46	Dawson-Type Polyoxometalate Incorporated into Nanoporous MIL-101(Cr): Preparation, Characterization and Application for Ultrafast Removal of Organic Dyes. <i>Acta Chimica Slovenica</i> , 0, 85-102.	0.2	21
47	Facile template-free hydrothermal synthesis of Co <sub>3</sub> O <sub>4</sub> hollow microspheres constructed by nanoparticles using [Co(NH <sub>3</sub> ) <sub>4</sub> CO <sub>3</sub> ] <sub>2</sub> NO <sub>3</sub> and their photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2017, 692, 923-933.	2.8	20
48	A new inorganic-organic nanohybrid based on a copper(II) semicarbazone complex and the PMo <sub>12</sub> O <sub>40</sub> <sup>3-</sup> polyanion: Synthesis, characterization, crystal structure and photocatalytic activity for degradation of cationic dyes. <i>Polyhedron</i> , 2017, 122, 247-256.	1.0	19
49	A novel approach for the synthesis of phospholipid bilayer-coated zeolitic imidazolate frameworks: preparation and characterization as a pH-responsive drug delivery system. <i>New Journal of Chemistry</i> , 2019, 43, 1956-1963.	1.4	19
50	Fabrication of a novel magnetic CdS nanorod/NiFe <sub>2</sub> O <sub>4</sub> /NaX zeolite nanocomposite with enhanced sonocatalytic performance in the degradation of organic dyes. <i>New Journal of Chemistry</i> , 2020, 44, 8386-8401.	1.4	19
51	Efficacy of Novel NaX/MgO-TiO <sub>2</sub> Zeolite Nanocomposite for the Adsorption of Methyl Orange (MO) Dye: Isotherm, Kinetic and Thermodynamic Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2067-2080.	1.9	18
52	Improving the efficiency of Nafion-based proton exchange membranes embedded with magnetically aligned silica-coated Co <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Solid State Ionics</i> , 2020, 351, 115343.	1.3	18
53	Photolytic decarboxylation of $\alpha$ -arylcarboxylic acids mediated by HgF <sub>2</sub> under a dioxygen atmosphere. <i>Tetrahedron Letters</i> , 2006, 47, 1965-1968.	0.7	17
54	Sonocatalytic performance of magnetic flower-like CoFe <sub>2</sub> O <sub>4</sub> nanoparticles prepared from a heterometallic oxo-centered trinuclear complex under microwave irradiation. <i>Polyhedron</i> , 2018, 155, 66-76.	1.0	17

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55	Yolk-shell microspheres assembled from Preyssler-type $\text{NaP}_{50}\text{W}_{30}\text{O}_{110}$ polyoxometalate and MIL-101(Cr) metal-organic framework: A new inorganic-organic nanohybrid for fast and selective removal of cationic organic dyes from aqueous media. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4656.	1.7	16
56	Mixed-addenda 10-molybdo-2-vanadophosphoric heteropolyacid (H5PV2Mo10O40): An efficient catalyst under solvent-free conditions for rapid acylation of alcohols. <i>Catalysis Communications</i> , 2008, 9, 703-708.	1.6	15
57	Immobilization of Cr-MIL-101 over the NiO/13X zeolite nanocomposite towards ultrasound-assisted destruction of organic dyes in aqueous media. <i>Journal of Water Process Engineering</i> , 2019, 32, 100946.	2.6	15
58	MIL-101(Cr)-cobalt ferrite magnetic nanocomposite: synthesis, characterization and applications for the sonocatalytic degradation of organic dye pollutants. <i>RSC Advances</i> , 2020, 10, 32845-32855.	1.7	15
59	Preparation and characterization of fullerene ( $\text{C}_{60}$ )-modified $\text{BiVO}_4/\text{Fe}_3\text{O}_4$ nanocomposite by hydrothermal method and study of its visible light photocatalytic and catalytic activity. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 417-432.	1.0	14
60	Phosphotungstic acid supported on silica-coated $\text{LaCoO}_3$ : Synthesis, characterization and application as a novel and efficient adsorbent for the removal of organic pollutants. <i>Polyhedron</i> , 2019, 158, 423-431.	1.0	14
61	A novel $\text{CoFe}_2\text{O}_4@\text{Cr-MIL-101/Y}$ zeolite ternary nanocomposite as a magnetically separable sonocatalyst for efficient sonodegradation of organic dye contaminants from water. <i>RSC Advances</i> , 2020, 10, 10082-10096.	1.7	14
62	Cetyltrimethylammonium Bromide (CTAB) Bloated Micelles and Merged CTAB/Bolaamphiphiles Self-Assembled Vesicles toward the Generation of Highly Porous Alumina as Efficacious Inorganic Adsorbents. <i>Langmuir</i> , 2019, 35, 11188-11199.	1.6	13
63	Sonocatalytic degradation of organic pollutants by CdS nanoparticles hydrothermally prepared from cadmium (II) diethanoldithiocarbamate. , 0, 66, 299-308.		13
64	A new nano-scale manganese (II) coordination polymer constructed from semicarbazone Schiff base and dicyanamide ligands: Synthesis, crystal structure and DFT calculations. <i>Journal of Molecular Structure</i> , 2016, 1108, 583-589.	1.8	12
65	Catalytic performance of $\text{ZnFe}_2\text{O}_4$ nanoparticles prepared from the $[\text{ZnFe}_2\text{O}(\text{CH}_3\text{COO})_6(\text{H}_2\text{O})_3]\cdot 2\text{H}_2\text{O}$ complex under microwave irradiation. <i>Research on Chemical Intermediates</i> , 2019, 45, 379-400.	1.3	12
66	Sonochemical synthesis and structural characterization of an organic-inorganic nanohybrid based on a copper-dithiocarbamate complex and $\text{PMo}_{12}\text{O}_{40}^{3-}$ polyanion as a novel sonocatalyst. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 104727.	3.8	12
67	Magnetically Separable $\text{Ag}/\text{CuFe}_2\text{O}_4/\text{Reduced Graphene Oxide}$ Ternary Nanocomposite with High Performance for the Removal of Nitrophenols and Dye Pollutants from Aqueous Media. <i>Acta Chimica Slovenica</i> , 2018, 65, 919-931.	0.2	12
68	Theoretical investigation of the nature and strength of simultaneous interactions of $\pi$ - $\pi$ stacking and halogen bond including NMR, SAPT, AIM and NBO analysis. <i>Structural Chemistry</i> , 2016, 27, 1543-1551.	1.0	11
69	Anchoring $\text{H}_3\text{PW}_{12}\text{O}_{40}$ on aminopropylsilanized spinel-type cobalt oxide ( $\text{Co}_3\text{O}_4$ - $\text{SiPrNH}_2/\text{H}_3\text{PW}_{12}\text{O}_{40}$ ): A novel nanohybrid adsorbent for removing cationic organic dye pollutants from aqueous solutions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4656.	1.7	11
70	An organic-inorganic hybrid nanomaterial composed of a Dawson-type $(\text{NH}_4)_6\text{P}_2\text{Mo}_{18}\text{O}_{62}$ heteropolyanion and a metal-organic framework: synthesis, characterization, and application as an effective adsorbent for the removal of organic dyes. <i>RSC Advances</i> , 2020, 10, 40005-40018.	1.7	11
71	Novel sheet-like bismuth subcarbonate-zinc ferrite ( $\text{Bi}_2\text{O}_3/\text{CO}_3/\text{ZnFe}_2\text{O}_4$ ) magnetically recyclable nanocomposites: Synthesis, characterization and enhanced catalytic performance for the reduction of nitrophenols and nitroanilines. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4518.	1.7	10
72	Magnetically Recyclable $\text{Fe}_3\text{O}_4/\text{GO-NH}_2/\text{H}_3\text{PMo}_{12}\text{O}_{40}$ Nanocomposite: Synthesis, Characterization, and Application in Selective Adsorption of Cationic Dyes from Water. <i>Acta Chimica Slovenica</i> , 2017, 64, 1005-1019.	0.2	10

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73	Construction of magnetic MgFe <sub>2</sub> O <sub>4</sub> /CdS/MoS <sub>2</sub> ternary nanocomposite supported on NaY zeolite and highly efficient sonocatalytic degradation of organic pollutants. <i>RSC Advances</i> , 2020, 10, 44034-44049.	1.7	9
74	Spanish olive leaf extract-loaded nanostructured lipid carriers: Production and physicochemical characterization by Zetasizer, FTIR, DTA/TGA, FESEM and XRD. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e13994.	0.9	8
75	Sol-gel derived LaFeO <sub>3</sub> /SiO <sub>2</sub> nanocomposite: synthesis, characterization and its application as a new, green and recoverable heterogeneous catalyst for the efficient acetylation of amines, alcohols and phenols. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1103-1112.	1.2	7
76	Magnetic separable zeolite-type ZSM-5/CdS nanorods/MoS <sub>2</sub> /nanoflowers/MnFe <sub>2</sub> O <sub>4</sub> quaternary nanocomposites: synthesis and application of sonocatalytic activities. <i>New Journal of Chemistry</i> , 2020, 44, 20878-20894.	1.4	7
77	Perovskite-type ferromagnetic BiFeO <sub>3</sub> nanopowder: a new magnetically recoverable heterogeneous nanocatalyst for efficient and selective transfer hydrogenation of aromatic nitro compounds into aromatic amines under microwave heating. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 1021-1031.	1.2	6
78	NMR investigation of substituent effects on strength the intramolecular hydrogen bonding interaction in X-phenylhydrazones switches: A theoretical study. <i>Chemical Physics Letters</i> , 2017, 676, 6-11.	1.2	6
79	Preparation of novel hybrid nanomaterials based on LaFeO <sub>3</sub> and phosphotungstic acid as a highly efficient magnetic photocatalyst for the degradation of methylene blue dye solution. <i>Applied Organometallic Chemistry</i> , 2020, 34, e6011.	1.7	6
80	Magnetic fiber headspace solid-phase microextraction of <i>Ferulago angulata</i> volatile components using Preyssler-type polyoxometalate/metal-organic framework/silica aerogel sorbent. <i>Food Chemistry</i> , 2022, 373, 131423.	4.2	6
81	New hybrid nanostructures based on keggin-type 12-tungstophosphate and some metal-semicarbazone complexes: Synthesis, x-ray crystal structures and spectroscopic studies. <i>Journal of Molecular Structure</i> , 2020, 1217, 128385.	1.8	4
82	Synthesis, Spectroscopy and X-ray Crystallography Structure of Pyridine 4-Carbaldehyde Semicarbazone Schiff Base Ligand. <i>Advanced Journal of Chemistry-Section A</i> , 2020, 3, 534-541.	1.4	4
83	Pnicogen bond interaction between PF <sub>2</sub> Y (Y = C <sup>+</sup> N <sup>-</sup> , N <sup>+</sup> C <sup>-</sup> ) with NH <sub>3</sub> , CH <sub>3</sub> OH, H <sub>2</sub> O, and HF molecules. <i>Structural Chemistry</i> , 2017, 28, 1843-1851.	1.0	3
84	Cobalt Schiff base chemically grafted onto magnetic amino-functionalized reduced graphene oxide nanosheets for highly rapid and selective removal of methyl orange. <i>New Journal of Chemistry</i> , 2021, 45, 11946-11959.	1.4	3
85	Efficient and selective oxidative decarboxylation of arylcarboxylic acids into the corresponding aldehydes and ketones using K <sub>5</sub> CollW <sub>12</sub> O <sub>40</sub> as a green oxidant under microwave and conventional heating. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 470-476.	1.2	2
86	Cooperative effect between pnicogen bond and hydrogen bond interactions in typical X <sub>2</sub> AsH <sub>2</sub> F <sub>2</sub> HF complexes (X = N, P, As, Sb, Bi). <i>Journal of Molecular Structure</i> , 2017, 161, 1-10.	0.7	2
87	Hydrothermal Synthesis of Novel Magnetic Plate-Like Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> Hybrid Nanostructures and Their Catalytic Performance for the Reduction of Some Aromatic Nitrocompounds. <i>Acta Chimica Slovenica</i> , 2018, 65, 448-461.	0.2	2
88	A NaX zeolite framework containing magnetic MgFe <sub>2</sub> O <sub>4</sub> /CdO nanoparticles: synthesis, characterization and catalytic performance in the decontamination of 2-chloroethyl phenyl sulfide (2-CEPS) as a model of sulfur mustard agent. <i>New Journal of Chemistry</i> , 2021, 45, 21315-21326.	1.4	2
89	Influence of rotational barrier of single-molecule electric revolving door on energies, aromaticity and quadrupole moment. <i>Molecular Physics</i> , 2016, 114, 1513-1519.	0.8	1
90	Theoretical study of diminutive and cooperative effects in triad C <sub>4</sub> B <sub>2</sub> H <sub>6</sub> (HF) <sub>2</sub> complexes. <i>Chemical Papers</i> , 2019, 73, 1447-1457.	1.0	1

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91	Ag nanoparticles supported on a magnetic NiFe <sub>2</sub> O <sub>4</sub> /MIL-101(Fe) metal-organic framework nanocomposite for the room temperature rapid catalytic reduction of nitrophenols and nitroanilines. <i>New Journal of Chemistry</i> , 0, , .	1.4	1
92	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. <i>Journal of Molecular Modeling</i> , 2016, 22, 155.	0.8	0
93	Synthesis of phosphoric triamide nanostructures, characterization, X-ray crystallography, and preparation of P <sub>2</sub> O <sub>5</sub> -RGO nanocomposites by solvothermal method. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-13.	0.9	0