

Rahmatollah Rahimi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9316414/publications.pdf>

Version: 2024-02-01

131
papers

3,036
citations

159585

30
h-index

223800

46
g-index

135
all docs

135
docs citations

135
times ranked

3786
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the catalytic activity of nano-sized CuO, Co ₃ O ₄ and CuCo ₂ O ₄ powders on thermal decomposition of ammonium perchlorate. <i>Powder Technology</i> , 2012, 217, 330-339.	4.2	250
2	Synthesis, characterization and adsorbing properties of hollow Zn-Fe ₂ O ₄ nanospheres on removal of Congo red from aqueous solution. <i>Desalination</i> , 2011, 280, 412-418.	8.2	161
3	Visible light photocatalytic disinfection of E. coli with TiO ₂ @graphene nanocomposite sensitized with tetrakis(4-carboxyphenyl)porphyrin. <i>Applied Surface Science</i> , 2015, 355, 1098-1106.	6.1	100
4	Efficient oxidation and epoxidation using a chromium(VI)-based magnetic nanocomposite. <i>Environmental Chemistry Letters</i> , 2016, 14, 195-199.	16.2	94
5	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro α -glucosidase inhibition, kinetic, and docking studies. <i>Bioorganic Chemistry</i> , 2019, 92, 103206.	4.1	70
6	Synthesis, characterization, and photocurrent generation of a new nanocomposite based Cu@TCPP MOF and ZnO nanorod. <i>RSC Advances</i> , 2015, 5, 46624-46631.	3.6	68
7	Steric and inductive effects on the basicity of porphyrins and on the site of protonation of porphyrin dianions: radiolytic reduction of porphyrins and metalloporphyrins to chlorins or phlorins. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 495.	1.7	64
8	Porous p-NiO/n-Nb ₂ O ₅ nanocomposites prepared by an EISA route with enhanced photocatalytic activity in simultaneous Cr(VI) reduction and methyl orange decolorization under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2015, 286, 64-74.	12.4	58
9	Porphyrinic zirconium-based MOF with exposed pyrrole Lewis base site as an efficient fluorescence sensing for Hg ²⁺ ions, DMF small molecule, and adsorption of Hg ²⁺ ions from water solution. <i>Journal of Solid State Chemistry</i> , 2020, 286, 121277.	2.9	56
10	Preparation and characterization of a novel tetrakis(4-hydroxyphenyl)porphyrin@graphene oxide nanocomposite and application in an optical sensor and determination of mercury ions. <i>RSC Advances</i> , 2015, 5, 93310-93317.	3.6	50
11	Sonochemically synthesized microporous metal-organic framework representing unique selectivity for detection of Fe ³⁺ ions. <i>Polyhedron</i> , 2019, 159, 251-258.	2.2	49
12	Synthesis and characterization of magnetic dichromate hybrid nanomaterials with triphenylphosphine surface modified iron oxide nanoparticles (Fe ₃ O ₄ @SiO ₂ @PPh ₃ @Cr ₂ O ₇ ²⁻). <i>Solid State Sciences</i> , 2014, 28, 9-13.	3.2	48
13	Study on porphyrin/ZnFe ₂ O ₄ @polythiophene nanocomposite as a novel adsorbent and visible light driven photocatalyst for the removal of methylene blue and methyl orange. <i>Materials Research Bulletin</i> , 2018, 103, 133-141.	5.2	48
14	Removal of Hg ²⁺ heavy metal ion using a highly stable mesoporous porphyrinic zirconium metal-organic framework. <i>Inorganica Chimica Acta</i> , 2020, 501, 119264.	2.4	47
15	Conducting, magnetic polyaniline/Ba _{0.25} Sr _{0.75} Fe ₁₁ (Ni _{0.5} Mn _{0.5})O ₁₉ nanocomposite: Fabrication, characterization and application. <i>Journal of Alloys and Compounds</i> , 2015, 646, 1157-1164.	5.5	45
16	Synthesis and characterization of magnetic bromochromate hybrid nanomaterials with triphenylphosphine surface-modified iron oxide nanoparticles and their catalytic application in multicomponent reactions. <i>RSC Advances</i> , 2014, 4, 29765.	3.6	44
17	Porphyrinic zirconium-based MOF with exposed pyrrole Lewis base site as a luminescent sensor for highly selective sensing of Cd ²⁺ and Br ⁻ ions and THF small molecule. <i>Journal of Solid State Chemistry</i> , 2020, 282, 121103.	2.9	44
18	Investigation of the anchoring silane coupling reagent effect in porphyrin sensitized mesoporous V-TiO ₂ on the photodegradation efficiency of methyl orange under visible light irradiation. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 420-429.	2.4	42

#	ARTICLE	IF	CITATIONS
19	Synthesis of TCPP/ZnFe ₂ O ₄ @ZnO nanohollow sphere composite for degradation of methylene blue and 4-nitrophenol under visible light. <i>Materials Chemistry and Physics</i> , 2016, 179, 35-41.	4.0	42
20	Photocatalytic degradation of <i>p</i> -nitrophenol and methylene blue using Zn-TCPP/Ag doped mesoporous TiO ₂ under UV and visible light irradiation. <i>Desalination and Water Treatment</i> , 2016, 57, 25848-25856.	1.0	41
21	Enhanced visible light photocurrent response and photodegradation efficiency over TiO ₂ @graphene nanocomposite pillared with tin porphyrin. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 310-321.	9.4	40
22	Effect of annealing treatment on electrical and optical properties of Nb doped TiO ₂ thin films as a TCO prepared by sol-gel spin coating method. <i>Applied Surface Science</i> , 2014, 316, 456-462.	6.1	39
23	Copper ferrite-polyaniline nanocomposite: Structural, thermal, magnetic and dye adsorption properties. <i>Solid State Sciences</i> , 2019, 93, 95-100.	3.2	37
24	Oxidation of benzyl alcohols to the corresponding carbonyl compounds catalyzed by copper (II) meso-tetra phenyl porphyrin as cytochrome P-450 model reaction. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1561-1568.	3.9	36
25	Degradation of methylene blue via Co@TiO ₂ nano powders modified by meso-tetra(carboxyphenyl)porphyrin. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 62, 351-357.	2.4	36
26	Synthesis, characterization and microwave absorbing properties of the novel ferrite nanocomposites. <i>Journal of Alloys and Compounds</i> , 2012, 542, 43-50.	5.5	35
27	Mesoporous nanostructures of Nb ₂ O ₅ obtained by an EISA route for the treatment of malachite green dye-contaminated aqueous solution under UV and visible light irradiation. <i>Ceramics International</i> , 2014, 40, 9817-9829.	4.8	35
28	Photocatalytic application of hollow CuO microspheres with hierarchical dandelion-like structures synthesized by a simple template free approach. <i>Materials Letters</i> , 2014, 119, 39-42.	2.6	33
29	Synthesis and characterization of copper porphyrin into SBA-16 through a ship in a bottle method: A catalyst for photo oxidation reaction under visible light. <i>Solid State Sciences</i> , 2015, 46, 7-13.	3.2	32
30	Preparation and photocatalytic application of Zn Fe ₂ O ₄ @ZnO core-shell nanostructures. <i>Superlattices and Microstructures</i> , 2015, 85, 497-503.	3.1	31
31	Selective adsorption of organic dye methylene blue by Cs ₄ H ₂ PMo ₁₁ FeO ₄₀ ·6H ₂ O in presence of methyl orange and Rhodamine-B. <i>Journal of Molecular Structure</i> , 2017, 1146, 113-118.	3.6	31
32	Effect of Nb on the structural, optical and photocatalytic properties of Al-doped ZnO thin films fabricated by the sol-gel method. <i>Ceramics International</i> , 2018, 44, 20170-20177.	4.8	31
33	First catalytic application of metal complexes of porpholactone and dihydroxychlorin in the sulfoxidation reaction. <i>Catalysis Communications</i> , 2009, 11, 232-235.	3.3	30
34	New 1,2,3,4-tiazole (thio)barbituric acid hybrids as urease inhibitors: Design, synthesis, in vitro urease inhibition, docking study, and molecular dynamic simulation. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000023.	4.1	29
35	Preparation of a nanocomposite of magnetic, conducting nanoporous polyaniline and hollow manganese ferrite. <i>Polymer Journal</i> , 2011, 43, 745-750.	2.7	28
36	Comparison of photocatalysis degradation of 4-nitrophenol using N,S co-doped TiO ₂ nanoparticles synthesized by two different routes. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 17-26.	2.4	27

#	ARTICLE	IF	CITATIONS
37	Rapid and efficient ultrasonic-assisted removal of lead(II) in water using two copper- and zinc-based metal-organic frameworks. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107474.	3.9	27
38	Investigation of the synergistic effect of porphyrin photosensitizer on graphene@TiO ₂ nanocomposite for visible light photoactivity improvement. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 642-652.	2.3	26
39	A magnetic ZnFe ₂ O ₄ /ZnO/perlite nanocomposite for photocatalytic degradation of organic pollutants under LED visible light irradiation. <i>Solid State Sciences</i> , 2019, 89, 167-171.	3.2	26
40	An efficient visible light photocatalyst based on tin porphyrin intercalated between TiO ₂ @graphene nanosheets for inactivation of E. coli and investigation of charge transfer mechanism. <i>RSC Advances</i> , 2016, 6, 24218-24228.	3.6	25
41	A reliable method for prediction of enthalpy of fusion in energetic materials using their molecular structures. <i>Fluid Phase Equilibria</i> , 2016, 427, 46-55.	2.5	24
42	BiVO ₄ /Mn ₃ O ₄ a novel n heterojunction photocatalyst functionalized with metalloporphyrins: Synthesis, charge transfer mechanism, and enhanced visible light photocatalysis for degradation of dye pollutant. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1439-1448.	2.3	24
43	Fabrication of novel magnetic ZnO hollow spheres/pumice nanocomposites for photodegradation of Rhodamine B under visible light irradiation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 263, 114863.	3.5	24
44	A porous Ni-based metal-organic framework as a selective luminescent probe to Fe ³⁺ metal ion and MeOH. <i>Inorganica Chimica Acta</i> , 2019, 495, 118956.	2.4	23
45	Cu (II)-porphyrin metal-organic framework/graphene oxide: synthesis, characterization, and application as a pH-responsive drug carrier for breast cancer treatment. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 689-704.	2.6	23
46	The effect of solvents and the thickness on structural, optical and electrical properties of ITO thin films prepared by a sol-gel spin-coating process. <i>Journal of Nanostructure in Chemistry</i> , 2014, 4, 1.	9.1	22
47	Two novel correlations for assessment of crystal density of hazardous ionic molecular energetic materials using their molecular structures. <i>Fluid Phase Equilibria</i> , 2015, 402, 1-8.	2.5	22
48	Synthesis of Fe ₃ O ₄ nonoparticles via a fast and facile mechanochemical method: Modification of surface with porphyrin and photocatalytic study. <i>Materials Letters</i> , 2016, 166, 247-250.	2.6	22
49	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro α -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , 2021, 25, 877-888.	3.9	21
50	The study of cellulosic fabrics impregnated with porphyrin compounds for use as photo-bactericidal polymers. <i>Materials Science and Engineering C</i> , 2016, 59, 661-668.	7.3	20
51	Immobilized metalloporphyrins on 3-aminopropyl-functionalized silica support as heterogeneous catalysts for selective oxidation of primary and secondary alcohols. <i>Monatshefte für Chemie</i> , 2012, 143, 1031-1038.	1.8	19
52	Mineral contents of some plants used in Iran. <i>Pharmacognosy Research (discontinued)</i> , 2010, 2, 267.	0.6	18
53	Fluorine-doped TiO ₂ nanoparticles sensitized by tetra(4-carboxyphenyl)porphyrin and zinc tetra(4-carboxyphenyl)porphyrin: Preparation, characterization, and evaluation of photocatalytic activity. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 1341-1348.	2.3	18
54	Synthesis of TCPP@Fe ₃ O ₄ @S/RGO and its application for purification of water. <i>Research on Chemical Intermediates</i> , 2016, 42, 5441-5455.	2.7	18

#	ARTICLE	IF	CITATIONS
55	Synthesis and photocatalytic activity of V-doped mesoporous TiO ₂ photosensitized with porphyrin supported by SBA-15. <i>Research on Chemical Intermediates</i> , 2016, 42, 3441-3458.	2.7	18
56	Photooxidation of benzyl alcohols and photodegradation of cationic dyes by Fe ₃ O ₄ @sulfur/reduced graphene oxide as catalyst. <i>RSC Advances</i> , 2016, 6, 41156-41164.	3.6	17
57	Synthesis and characterization of a new magnetic nanocomposite with metalloporphyrin (Co-TPyP) and sulfated tin dioxide (Fe ₃ O ₄ @SnO ₂ /SO ₄ ²⁻), and investigation of its photocatalytic effects in the degradation of Rhodamine B. <i>RSC Advances</i> , 2016, 6, 83947-83953.	3.6	17
58	Surface-Active Properties of Solvent-Extracted <i>Panax ginseng</i> Saponin-Based Surfactants. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 609-614.	2.1	17
59	Ring reduction of [N-methyltetrakis(4-sulfonatophenyl)porphinato]cobalt(II), -nickel(II), and -copper(II) and subsequent methyl group migration. Reversible reaction between methyl radicals and NiITSP. <i>Inorganic Chemistry</i> , 1992, 31, 4849-4853.	4.0	16
60	Zeolite-immobilized Mn(III), Fe(III) and Co(III) complexes with 5,10,15,20-tetra(4-methoxyphenyl)porphyrin as heterogeneous catalysts for the epoxidation of (R)-(+)-limonene: synthesis, characterization and catalytic activity. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 107, 215-229.	1.7	16
61	Influence of operational key parameters on the photocatalytic decolorization of Rhodamine B dye using Fe ²⁺ /H ₂ O ₂ /Nb ₂ O ₅ /UV system. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5121-5131.	5.3	16
62	Hybridization of Nanoclay with a Chromium-Based Metal-Organic Framework for Boosting Adsorption of Organic Dyes from Wastewater. <i>ChemistrySelect</i> , 2022, 7, .	1.5	16
63	Preparation, Characterization and Photocatalytic Properties of Ba-Cd-Sr-Ti Doped Fe ₃ O ₄ Nanohollow Spheres on Removal of Congo Red Under Visible-Light Irradiation. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 219-228.	1.8	15
64	Effect of pyrolysis temperature on the electrical, optical, structural, and morphological properties of ITO thin films prepared by a sol-gel spin coating process. <i>Microelectronic Engineering</i> , 2014, 130, 40-45.	2.4	15
65	Synthesis of 5,10,15,20-tetrakis[4-(naphthalen-2-yl)oxycarbonyl]phenyl]porphyrin (TNBP) and its complexes with zinc and cobalt and an investigation of the photocatalytic activity of nanoFe ₃ O ₄ @ZrO ₂ -TNBP. <i>RSC Advances</i> , 2015, 5, 60172-60178.	3.6	15
66	Preparation and characterization of a new surface-modified dichromate/triethylamine/silica/iron oxide magnetic hybrid nanomaterial. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 191-196.	2.2	15
67	Improvement of Power Conversion Efficiency of Quantum Dot-Sensitized Solar Cells by Doping of Manganese into a ZnS Passivation Layer and Cosensitization of Zinc-Porphyrin on a Modified Graphene Oxide/Nitrogen-Doped TiO ₂ Photoanode. <i>ACS Omega</i> , 2020, 5, 11024-11034.	3.5	15
68	Ultrasound-assisted preparation nanostructures of Cu ₂ (BDC) ₂ (BPY)-MOF: Highly selective and sensitive luminescent sensing of THF small molecule and Cu ²⁺ and Pb ²⁺ ions. <i>Journal of Solid State Chemistry</i> , 2020, 288, 121397.	2.9	15
69	Immobilized metalloporphyrins in mesoporous MCM-48 as efficient and selective heterogeneous catalysts for oxidation of cyclohexene. <i>Monatshefte für Chemie</i> , 2013, 144, 597-603.	1.8	14
70	Synthesis, characterization and morphology of new magnetic fluorochromate hybrid nanomaterials with triethylamine surface modified iron oxide nanoparticles. <i>Synthetic Metals</i> , 2014, 194, 11-18.	3.9	14
71	SnTCPP-modified ZnO nanorods prepared via a simple co-precipitation method: application as a new photocatalyst for photodegradation and photoreduction processes. <i>Research on Chemical Intermediates</i> , 2016, 42, 4697-4714.	2.7	14
72	Novel Design, Preparation, Characterization and Antimicrobial Activity of Silver Nanoparticles during Oak Acorns Bark Retrograde. <i>Zeitschrift Für Physikalische Chemie</i> , 2018, 232, 209-221.	2.8	14

#	ARTICLE	IF	CITATIONS
73	Novel and efficient synthesis of triazolobenzodiazepine analogues through the sequential Ugi 4CR-click-N-arylation reactions. <i>Tetrahedron Letters</i> , 2019, 60, 583-585.	1.4	14
74	Magnetic silica nanoparticle-supported copper complex as an efficient catalyst for the synthesis of novel triazolopyrazinylacetamides with improved antibacterial activity. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 488-494.	1.2	14
75	Antibacterial Photoactivity and Thermal Stability of Tetra μ -cationic Porphyrins Immobilized on Cellulosic Fabrics. <i>Photochemistry and Photobiology</i> , 2021, 97, 385-397.	2.5	13
76	Application of Porphyrin Modified SBA-15 in Adsorption of Lead Ions from Aqueous Media. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1537-1544.	0.3	13
77	Efficient photo-oxidation of phenol and photo-inactivation of bacteria by cationic tetrakis(trimethylanilinium)porphyrins. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 1099-1105.	2.1	12
78	Catalytic oxidation of primary and secondary alcohols over a novel TCPP/Zn μ -Fe μ -O μ -ZnO catalyst. <i>RSC Advances</i> , 2015, 5, 99640-99645.	3.6	12
79	Preparation of a new adsorbent expanded perlite@ZnO@reduced graphene oxide for the synergistic photocatalytic adsorption removal of organic pollutants. <i>New Journal of Chemistry</i> , 2017, 41, 8011-8015.	2.8	12
80	Photocatalytic application of BiFeO ₃ synthesized via a facile microwave-assisted solution combustion method. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 340-346.	2.4	12
81	A novel and green heterogeneous photocatalytic system (Ca _{0.01} Fe _{2.99} O ₄ /CaTiO ₃ nanocomposite): Protocol synthesis, characterization, and study of photo-decoloration activity. <i>Materials Chemistry and Physics</i> , 2021, 259, 124062.	4.0	12
82	Prediction of the Density of Energetic Materials on the Basis of their Molecular Structures. <i>Central European Journal of Energetic Materials</i> , 2016, 13, 73-101.	0.4	12
83	Preparation of magnetic fluorochromate hybrid nanomaterials with triphenylphosphine surface modified iron oxide nanoparticles and their characterization. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 355, 300-305.	2.3	11
84	Enhanced photobactericidal activity of ZnO nanorods modified by meso-tetrakis(4-sulfonatophenyl)porphyrin under visible LED lamp irradiation. <i>Water Science and Technology</i> , 2015, 71, 1249-1254.	2.5	11
85	Synthesis and characterization of benzilic alcohol metalloporphyrin and its nanocomposite with graphene oxide (GO-CoTHMP) and investigation of their efficiency in the removal of environmental pollutants. <i>RSC Advances</i> , 2016, 6, 62916-62922.	3.6	11
86	Synthesis of Bi ₂ WO ₆ nanoplates using oleic acid as a green capping agent and its application for thiols oxidation. <i>Journal of Nanostructure in Chemistry</i> , 2016, 6, 191-196.	9.1	11
87	Design, Facile Synthesis and Characterization of Porphyrin-Zirconium-Ferrite@SiO ₂ Core-Shell and Catalytic Application in Cyclohexane Oxidation. <i>Silicon</i> , 2021, 13, 451-465.	3.3	11
88	Comparison of photocatalytic activity of ZnO, Ag-ZnO, Cu-ZnO, Ag, Cu-ZnO and TPPS/ZnO for the degradation of methylene blue under UV and visible light irradiation. <i>Water Science and Technology</i> , 2021, 84, 1813-1825.	2.5	11
89	Fabrication and application of copper metal-organic frameworks as nanocarriers for pH-responsive anticancer drug delivery. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2727-2737.	2.2	11
90	ACID CATALYZED SOLVOLYSIS KINETICS OF ZINC(II), COBALT(II), COPPER(II) AND NICKEL(II)N-METHYL-TETRA-(4-SULFONATOPHENYL)PORPHYRINS. <i>Journal of Coordination Chemistry</i> , 1995, 34, 283-288.	2.2	10

#	ARTICLE	IF	CITATIONS
91	Synthesis and characterization of a new magnetic bromochromate hybrid nanomaterial with triethylamine surface modified iron oxide nanoparticles. <i>Chinese Chemical Letters</i> , 2014, 25, 919-922.	9.0	10
92	Surfactant-Free Hydrothermal Synthesis of Mesoporous Niobia Samples and Their Photoinduced Decomposition of Terephthalic Acid (TPA). <i>Journal of Cluster Science</i> , 2014, 25, 651-666.	3.3	10
93	Synthesis of mesoporous NiO/Bi ₂ WO ₆ nanocomposite for selective oxidation of alcohols. <i>Solid State Sciences</i> , 2020, 107, 106306.	3.2	10
94	Ultrasonic Method for the Preparation of Organic Porphyrin Nanoparticles. <i>Molecules</i> , 2010, 15, 280-287.	3.8	9
95	Copper Supported onto Magnetic Nanoparticles as an Efficient Catalyst for the Synthesis of Triazolobenzodiazepino[7,1-b]quinazolin-1(9H)-ones via Click N-Arylation Reactions. <i>ChemistrySelect</i> , 2021, 6, 1385-1392.	1.5	9
96	Photocatalytic treatment of wastewater containing Rhodamine B dye via Nb ₂ O ₅ nanoparticles: effect of operational key parameters. <i>Desalination and Water Treatment</i> , 2015, 56, 181-193.	1.0	8
97	Synthesis of aluminum alloy (AA) based composites TiO ₂ /Al ₅ O ₈ 3 and porphyrin/TiO ₂ /Al ₅ O ₈ 3: Novel photocatalysts for water remediation in visible region. <i>Inorganic Chemistry Communication</i> , 2021, 126, 108486.	3.9	8
98	Bis(2,6-dimethylpyridinium) hexachloridoplatinate(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1143-m1144.	0.2	7
99	Investigation of the properties of conductive hydrogel composite containing Zn particles. <i>Journal of Applied Polymer Science</i> , 2012, 126, 436-441.	2.6	7
100	Design and development of new preparation methods and catalytic activities of a magnetic ZrFe ₂ O ₄ nanostructure. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1659-1670.	2.2	7
101	QSPR model for estimation of photodegradation average rate of the porphyrin-TiO ₂ complexes and prediction of their biodegradation activity and toxicity: Engineering of two annihilators for water/waste contaminants. <i>Journal of Molecular Structure</i> , 2022, 1249, 131463.	3.6	7
102	La(III) and Eu(III) 2-D coordination polymers of 5-nitroisophthalic acid (H ₂ Nip) and 1,10-phenanthroline (phen), [M(phen)(HNip)(Nip)] _n . <i>Journal of Coordination Chemistry</i> , 2009, 62, 3921-3929.	2.2	6
103	Synthesis of Mesoporous V-TiO ₂ with Different Surfactants: The Effect of Surfactant Type on Photocatalytic Properties. <i>Advanced Materials Research</i> , 0, 702, 56-61.	0.3	6
104	Palladium-Catalyzed Regioselective Heck-Suzuki-Miyaura Cascade Cyclization for the Synthesis of Trisubstituted Arylideneisoquinolinones. <i>Synlett</i> , 2019, 30, 1073-1076.	1.8	6
105	Antiproliferative activity of morpholine-based compounds on MCF-7 breast cancer, colon carcinoma C26, and normal fibroblast NIH-3T3 cell lines and study of their binding affinity to calf thymus-DNA and bovine serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3788-3802.	3.5	6
106	Copper-catalyzed one-pot synthesis of amide linked 1,2,3-triazoles bearing aryloxy skeletons. <i>Tetrahedron Letters</i> , 2021, 65, 152765.	1.4	6
107	Cytotoxicity, anti-tumor effects and structure-activity relationships of nickel and palladium S,C,S pincer complexes against double and triple-positive and triple-negative breast cancer (TNBC) cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128107.	2.2	6
108	Development of the molecular engineering of disazo dye sensitizers and TiO ₂ semiconductor surface to improve the power conversion efficiency of dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113408.	3.9	6

#	ARTICLE	IF	CITATIONS
109	Synthesis of Arylidene α -Isoquinolinones bearing Combretastatin Skeleton by Cyclocarbopalladation/cross coupling Tandem Heck-Suzuki-Miyaura Reactions using nano catalyst Pd@Py@LSPION. Applied Organometallic Chemistry, 2020, 34, e5279.	3.5	5
110	Design, synthesis, biological evaluation, and docking study of new acridine-carboxamide linked to 1,2,3-triazole derivatives as antidiabetic agents targeting α -glucosidase. Journal of Heterocyclic Chemistry, 2020, 57, 4348-4357.	2.6	5
111	Synthesis and Crystal Structure of 1,2-dihydro-1-(4-chlorophenyl)naphtho[1,2-c:1',3']oxazin-3-one. Journal of Chemical Research, 2008, 2008, 450-451.	1.3	4
112	Synthesis of tetrakis(carboxyphenyl)porphyrin coated paramagnetic iron oxide nanoparticles via amino acid for photodegradation of methylene blue. Turkish Journal of Chemistry, 2013, 37, 879-888.	1.2	4
113	$\text{BiVO}_4/\text{TiO}_2$ Nanocomposite: Synthesis and Photocatalytic Investigation. Advanced Materials Research, 0, 702, 172-175.	0.3	4
114	Preparation and characterization of magnetic chlorochromate hybrid nanomaterials with triphenylphosphine surface-modified iron oxide nanoparticles. Journal of Nanostructure in Chemistry, 2014, 4, 153-160.	9.1	4
115	Application of BiVO_4 Nanocomposite for Photodegradation of Methyl Orange. Proceedings (mdpi), 2018, 9, .	0.2	4
116	Design of a Plasmonic Photocatalyst Structure Consisting of Metallic Nanogratings for Light-Trapping Enhancement. Plasmonics, 2019, 14, 347-352.	3.4	3
117	A Sonochemically-Synthesized Microporous Metal-Organic Framework for the Rapid and Efficient Ultrasonic-Assisted Removal of Mercury (II) Ions in a Water Solution and a Study of the Antibacterial Activity. Proceedings (mdpi), 2019, 41, .	0.2	3
118	Aquabis[Ni(2-hydroxybenzylidene)isonicotinohydrazide- N]silver(I) nitrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m294-m294.	0.2	3
119	Comparison of Kinetic Study and Protective Effects of Biological Dipeptide and Two Porphyrin Derivatives on Metal Cytotoxicity Toward Human Lymphocytes. Iranian Journal of Pharmaceutical Research, 2017, 16, 1059-1070.	0.5	3
120	$\text{SbVO}_4/\text{TiO}_2$ Cation Deficient Photocatalyst: Synthesis and Photocatalytic Investigation. Advanced Materials Research, 2013, 702, 51-55.	0.3	2
121	Amine-carbon disulfide promoted synthesis of novel benzo[e][1,3]thiazepin-5(1H)-one derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 413-418.	2.6	2
122	Microwave-assisted synthesized and characterization of BiFeO_3 (CTAB/PEG/PVA) nanocomposites by the auto-combustion method with efficient visible-light photocatalytic dye degradation. Journal of Materials Science: Materials in Electronics, 2021, 32, 8237-8248.	2.2	2
123	Using $\text{ZnFe}_2\text{O}_4/\text{ZnO}$ as an efficient heterogeneous catalyst for silylation of alcohols with HMDS. , 0, , .		2
124	Comparative study of photocatalytic activity for three type Fe_3O_4 prepared in presence of different hydrolysis agent. , 0, , .		2
125	Nanoparticles of a New Potassium(I) Coordination Polymer from Thermal Treatment with Oleic Acid: Syntheses, Characterization, Thermal, Structural and Solution Studies. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 755-760.	3.7	1
126	Solid-Phase Peptide Synthesis of Dipeptide (Histidine- β -Alanine) as a Chelating Agent by Using Trityl Chloride Resin, for Removal of Al^{3+} , Cu^{2+} , Hg^{2+} and Pb^{2+} : Experimental and Theoretical Study. Journal of the Brazilian Chemical Society, 2016, , .	0.6	1

#	ARTICLE	IF	CITATIONS
127	Bisazo dye compounds based on aliphatic and aromatic diamine linking groups: Thermal behavior, chemical stability, electrochemical study, interaction with AgNPs and in vitro anti-pathogen activity. <i>Inorganic Chemistry Communication</i> , 2021, 128, 108559.	3.9	1
128	A facile and green method to preparation of mesoporous ZnFe ₂ O ₄ with enhanced adsorption activity. , 0, 154, 195-200.		1
129	A retrospective-prospective survey of porphyrinoid fluorophores: towards new architectures as an electron transfer systems promoter. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022, 102, 577-601.	1.6	1
130	Synthesis of a Novel Porphyrin-Based Metal-Organic Framework (Co-Por MOF). <i>Proceedings (mdpi)</i> , 2019, 41, 83.	0.2	0
131	Synthesis of pineapple slab like morphology of ternary BiVO ₄ /graphene/porphyrin nanocomposite with enhanced visible light photocatalytic activity. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	0