

# Younes Hanifehpour

## List of Publications by Year in descending order

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81  
papers

3,614  
citations

257357

24  
h-index

133188

59  
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82  
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82  
docs citations

82  
times ranked

5017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two new Cu (II) complexes based on 5-fluorouracil-yl acetic acid and N-donor ligands: Investigation of their interaction with DNA and anticancer activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6458.	1.7	3
2	Sonochemical synthesis of the novel 1D zig-zag Hg(II)-Iodo bridged metal-organic coordination compounds with thiosemicarbazide derivative ligand. <i>Journal of Molecular Structure</i> , 2022, 1250, 131902.	1.8	4
3	The Synthesis and Characterization of a Novel One-Dimensional Bismuth (III) Coordination Polymer as a Precursor for the Production of Bismuth (III) Oxide Nanorods. <i>Crystals</i> , 2022, 12, 113.	1.0	4
4	Fabrication of Copper(II)-Coated Magnetic Core-Shell Nanoparticles Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> : An Effective and Recoverable Catalyst for Reduction/Degradation of Environmental Pollutants. <i>Crystals</i> , 2022, 12, 862.	1.0	7
5	Lead(II)-Azido Metal-Organic Coordination Polymers: Synthesis, Structure and Application in PbO Nanomaterials Preparation. <i>Nanomaterials</i> , 2022, 12, 2257.	1.9	4
6	Ultrasonic-assisted synthesis, characterizing the structure and DFT calculation of a new Pb(II)-chloride metal-ligand coordination polymer as a precursor for preparation of PbO nanoparticles. <i>Journal of Molecular Structure</i> , 2021, 1224, 129031.	1.8	8
7	Sonochemical Synthesis, Characterization and Optical Properties of Tb-Doped CdSe Nanoparticles: Synergistic Effect between Photocatalysis and Sonocatalysis. <i>Nanomaterials</i> , 2021, 11, 378.	1.9	6
8	Ultrasound-Assisted Synthesis and Crystal Structure of Novel 2D Cd (II) Metal-Organic Coordination Polymer with Nitrite End Stop Ligand as a Precursor for Preparation of CdO Nanoparticles. <i>Crystals</i> , 2021, 11, 197.	1.0	8
9	A Novel Fishbone-Like Lead(II) Supramolecular Polymer: Synthesis, Characterization, and Application for Producing Nano Metal Oxide. <i>Crystals</i> , 2021, 11, 335.	1.0	1
10	Syntheses and Antitumor Properties of Furoxan Derivatives. <i>Current Organic Chemistry</i> , 2021, 25, 757-778.	0.9	3
11	Ultrasound-Assisted Synthesis and DFT Calculations of the Novel 1D Pb (II) Coordination Polymer with Thiosemicarbazone Derivative Ligand and Its Use for Preparation of PbO Clusters. <i>Crystals</i> , 2021, 11, 682.	1.0	8
12	Europium-Doped Y <sub>2</sub> O <sub>3</sub> -Coated Diatomite Nanomaterials: Hydrothermal Synthesis, Characterization, Optical Study with Enhanced Photocatalytic Performance. <i>Inorganics</i> , 2021, 9, 88.	1.2	4
13	Investigating the Impact of Ultrasonic Irradiation Power, Concentrations of Reactant, and Reaction Period on Morphology of Novel Nano Hg(II) Metal-Organic Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1090-1098.	1.9	1
14	A novel nano-structured three-dimensional supramolecular metal-organic framework for cadmium (II): A new precursor for producing nano cadmium oxide. <i>Journal of Molecular Structure</i> , 2020, 1201, 127191.	1.8	13
15	Nanoscale coordination compounds. <i>Advances in Inorganic Chemistry</i> , 2020, , 157-197.	0.4	0
16	Sonochemical synthesis, crystal structure, and DFT calculation of an innovative nanosized Pb(II)-azido metal-organic coordination polymer as a precursor for preparation of PbO nanorod. <i>Chemical Papers</i> , 2020, 74, 3651-3660.	1.0	3
17	The electrochemical performance and catalytic properties of Ytterbium substitution on Manganese oxide nanoparticles: BET study; preparation and characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18897-18909.	1.1	12
18	Tetramethylguanidine-functionalized silica-coated iron oxide magnetic nanoparticles catalyzed one-pot three-component synthesis of furanone derivatives. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	11

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19	A one-step ultrasound-assisted synthesis of erbium-substituted nanocrystalline Mn <sub>2</sub> O <sub>3</sub> and sonocatalytic degradation of azo dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13667-13680.	1.1	4
20	Sonocatalytic Decolorization of Azo Dye by Ultrasound-Assisted Ytterbium-Substituted Mn <sub>2</sub> O <sub>3</sub> Nanocatalyst. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2143-2153.	1.9	1
21	A Review on the Destruction of Environmentally Hazardous Chlorinated Aromatic Compounds in the Presence (or without) of Nanophotocatalysts. <i>Current Organic Chemistry</i> , 2018, 22, 1554-1572.	0.9	4
22	Ultrasound-assisted fabrication of a novel nickel(II)-bis-pyrazolyl borate two-nuclear discrete nano-structured coordination compound. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 519-524.	3.8	27
23	Synthesis and characterization of nano-peanuts of lead(II) coordination polymer [Pb(qcnh)(NO <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> with ultrasonic assistance: A new precursor for the preparation of pure-phase nano-sized PbO. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 255-261.	3.8	34
24	Effectiveness of Nd doping and graphene oxide modification on electrochemical performance of CdSe nanorod material. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 49, 88-98.	2.9	19
25	Thermolysis synthesis of pure phase NiO from novel sonochemical synthesized Ni(II) nano metal-organic supramolecular architecture. <i>Ultrasonics Sonochemistry</i> , 2017, 37, 430-435.	3.8	22
26	Facile synthesis, characterization and BET study of neodymium-doped spinel Mn <sub>3</sub> O <sub>4</sub> nanomaterial with enhanced photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 11654-11664.	1.1	10
27	A Nano Nickel (II) Metal-Organic Coordination Compound for Nano Nickel (II) Oxide: Sonochemical Synthesis and Characterization. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1045-1052.	1.9	3
28	Ultrasound-Assisted Synthesis of Novel Nano 3D Supramolecular Lead(II) Metal-Organic Coordination System: A New Precursor to Produce Nano Lead Oxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 827-834.	1.9	3
29	Ultrasound-Assisted Synthesis of a Novel Nano-Zigzag-Pattern Lead (II) Metal-Organic System: A New Precursor to Produce Nano-Sized PbO. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 552-561.	1.9	3
30	Novel Visible Light Photocatalyst Based on Holmium-Doped Cadmium Sulfide: Synthesis, Characterization and Kinetics Study. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1-12.	1.9	9
31	Silver nanoparticles: Synthesis methods, bio-applications and properties. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-8.	2.7	262
32	Applications of nanoparticle systems in gene delivery and gene therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 581-587.	1.9	21
33	Preparation of a Novel Nano-scale Lead (II) Zig-Zag Metal-Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Properties, and NBO Analysis of [Pb(1/4-2-pinh)N <sub>3</sub> H <sub>2</sub> O] <sub>n</sub> . <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 819-828.	1.9	28
34	A Ca <sup>2+</sup> selective membrane electrode based on calcium-imprinted polymeric nanoparticles. <i>New Journal of Chemistry</i> , 2016, 40, 8479-8487.	1.4	25
35	Synthesis, structural characterization, thermal analysis, and DFT calculation of a novel zinc (II)-trifluoro- <i>l</i> <sup>2</sup> -diketonate 3D supramolecular nano organic-inorganic compound with 1,3,5-triazine derivative. <i>Materials Chemistry and Physics</i> , 2016, 182, 101-109.	2.0	16
36	A new hydrogen cyanide chemiresistor gas sensor based on graphene quantum dots. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 763-775.	1.8	16

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37	<i>In situ</i> generated stabilized phosphorus ylides mediated a mild and efficient method for the preparation of some new sterically congested electron-poor <i>N</i> -vinylated heterocycles. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1368-1374.	0.8	6
38	Thermolysis Synthesis of Pure Phase Nano-Sized Cobalt(II) Oxide from Novel Cobalt(II)-Pyrazole Discrete Nano Coordination Compound. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 335-343.	1.9	5
39	Sonochemical Synthesis, Characterization and Sonocatalytic Performance of Terbium-Doped CdS Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 623-631.	1.9	28
40	Synthesis and characterization of samarium-doped ZnS nanoparticles: A novel visible light responsive photocatalyst. Materials Research Bulletin, 2016, 76, 411-421.	2.7	37
41	Ultrasound-assisted fabrication of a new nano-rods 3D copper(II)-organic coordination supramolecular compound. Ultrasonics Sonochemistry, 2016, 31, 201-205.	3.8	35
42	Praseodymium-doped ZnS nanomaterials: Hydrothermal synthesis and characterization with enhanced visible light photocatalytic activity. Journal of Industrial and Engineering Chemistry, 2016, 34, 41-50.	2.9	43
43	Effects of Halogen Bonding in Chemical Activity of Lead(II) Electron Pair: Sonochemical Synthesis, Structural Studies, and Thermal Analysis of Novel Lead(II) Nano Coordination Polymer. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2466-2472.	0.6	18
44	Synthesis and structural characterization of new bismuth (III) nano coordination polymer: A precursor to produce pure phase nano-sized bismuth (III) oxide. Journal of Molecular Structure, 2015, 1091, 43-48.	1.8	29
45	Synthesis and characterization of Pr <sub>x</sub> Zn <sub>1-x</sub> Se nanoparticles for photocatalysis of four textile dyes with different molecular structures. Research on Chemical Intermediates, 2015, 41, 8425-8439.	1.3	8
46	Synthesis, characterization and photocatalytic performance of Yb-doped CdTe nanoparticles. Materials Letters, 2015, 145, 253-257.	1.3	25
47	Sonocatalysis of a sulfa drug using neodymium-doped lead selenide nanoparticles. Ultrasonics Sonochemistry, 2015, 27, 345-358.	3.8	23
48	Ln <sub>x</sub> Pb <sub>1-x</sub> Te (Ln: Nd <sup>3+</sup> , Yb <sup>3+</sup> ) nanomaterials: Synthesis, characterization, physical properties, and optical properties. Journal of Industrial and Engineering Chemistry, 2015, 24, 251-258.	2.9	3
49	Sonochemical synthesis of Pr-doped ZnO nanoparticles for sonocatalytic degradation of Acid Red 17. Ultrasonics Sonochemistry, 2015, 22, 371-381.	3.8	236
50	Sonochemical syntheses of two new flower-like nano-scale high coordinated lead(II) supramolecular coordination polymers. Ultrasonics Sonochemistry, 2015, 23, 282-288.	3.8	40
51	Sonochemical syntheses of binuclear lead(II)-azido supramolecule with ligand 3,4,7,8-tetramethyl-1,10-phenanthroline as precursor for preparation of lead(II) oxide nanoparticles. Ultrasonics Sonochemistry, 2015, 23, 275-281.	3.8	40
52	Sonochemical synthesis of tri-nuclear lead(II)-azido nano rods coordination polymer with 3,4,7,8-tetramethyl-1,10-phenanthroline (tmph): Crystal structure determination and preparation of nano lead(II) oxide. Journal of Molecular Structure, 2015, 1079, 67-73.	1.8	43
53	The toxic effects of I-Cysteine-capped cadmium sulfide nanoparticles on the aquatic plant Spirodela polyrrhiza. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	29
54	Synthesis of Novel Yb <sub>x</sub> Sb <sub>2-x</sub> Te <sub>3</sub> Hexagonal Nanoplates: Investigation of Their Physical, Structural, and Photocatalytic Properties. Journal of Nanomaterials, 2014, 2014, 1-8.	1.5	2

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55	Sonochemical temperature controlled synthesis of pellet-, laminate- and rice grain-like morphologies of a Cu(II) porous metal-organic framework nano-structures. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1430-1434.	3.8	20
56	Synthesis and Characterization of Dysprosium-Doped ZnO Nanoparticles for Photocatalysis of a Textile Dye under Visible Light Irradiation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 1924-1932.	1.8	182
57	Dendrimers: synthesis, applications, and properties. <i>Nanoscale Research Letters</i> , 2014, 9, 247.	3.1	880
58	Carbon nanotubes: properties, synthesis, purification, and medical applications. <i>Nanoscale Research Letters</i> , 2014, 9, 393.	3.1	865
59	Europium-doped ZnO as a visible light responsive nanocatalyst: Sonochemical synthesis, characterization and response surface modeling of photocatalytic process. <i>Applied Catalysis A: General</i> , 2014, 488, 160-170.	2.2	71
60	Kinetics and Mechanism of Enhanced Photocatalytic Activity under Visible Light Using Synthesized Pr <sub>2</sub> Cd <sub>2</sub> Se Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 13357-13369.	1.8	50
61	Lu <sup>3+</sup> /Yb <sup>3+</sup> and Lu <sup>3+</sup> /Er <sup>3+</sup> co-doped antimony selenide nanomaterials: synthesis, characterization, and electrical, thermoelectrical, and optical properties. <i>Nanoscale Research Letters</i> , 2013, 8, 141.	3.1	7
62	New Flower-Shaped Lead(II) Coordination Polymer at the Nano Scale: Synthesis, Structural Characterization and DFT Calculations of [Pb(o-phen)(N <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> Containing the Pb-( <sup>1</sup> / <sub>4</sub> 1,1-N <sub>3</sub> )( <sup>1</sup> / <sub>4</sub> 1,3-N <sub>3</sub> ) Motif. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 751-757.	1.9	28
63	Conversion of Natural Clinoptilolite Microparticles to Nanorods by Glow Discharge Plasma: A Novel Fe-Impregnated Nanocatalyst for the Heterogeneous Fenton Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 18225-18233.	1.8	44
64	Structural studies and optical properties of pearl nucleus irradiated by <sup>137</sup> I-ray. <i>Radiation Effects and Defects in Solids</i> , 2013, 168, 696-704.	0.4	1
65	Synthesis and Crystal Structure of [Pb(phen)( <sup>1</sup> / <sub>4</sub> N <sub>3</sub> )( <sup>1</sup> / <sub>4</sub> NO <sub>3</sub> )] <sub>n</sub> and Its Thermal Decomposition to PbO Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 957-962.	1.9	22
66	Hydrothermal Synthesis of a Nano-sized Mercury(II) N <sub>2</sub> O Donor Coordination Compound. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1248-1253.	1.9	1
67	Solvothermal Synthesis of a Nano-sized Aza-aromatic Base Adduct of a Cadmium(II) 4,4-Difluoro-1-phenyl-1,3-butandionate Coordination Compound. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1365-1369.	1.9	4
68	Synthesis and Structural Characterization of Two New Nano-Coordination Compounds Based on Mercury(II) NN Donor Schiff Base. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1271-1278.	1.9	8
69	Sonochemical Synthesis and Structural Characterization and DFT Calculations of a Novel Nano Flower Pb(II) Coordination Compound [Pb(phen) <sub>2</sub> (4-abs) <sub>2</sub> ] <sub>n</sub> . <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1397-1403.	1.9	23
70	Synthesis and structural characterization of three dinuclear Copper(II) complexes incorporating pyrazolyl-derived ligands. <i>Transition Metal Chemistry</i> , 2012, 37, 687-694.	0.7	6
71	Synthesis and Structural Characterization and Thermal Properties of a Novel Aza-aromatic Base Adduct of Cadmium Thenoyltrifluoroacetate: A precursor for Pure Phase Nano-sized Cadmium(II) Oxide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 357-361.	0.6	8
72	Synthesis, Structural Investigation and DFT Calculations of Cadmium (II) Fluorine-Substituted <sup>1</sup> / <sub>2</sub> -Diketonate: A Precursor to Producing Pure Phase Nano-Sized Cadmium (II) Oxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 816-821.	1.9	21

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73	Sonochemical Synthesis and Characterization of the First Flower-Like Cadmium(II) Coordination Compound: New Precursor to Produce Pure Phase Nano-Sized Cadmium(II) Oxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 549-553.	1.9	10
74	Sonochemical Synthesis and Characterization of the New Micro-Hexagonal-Rod Lead (II)-Azido Coordination Compound. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 916-922.	1.9	38
75	Direct Synthesis of CdO Nanoparticles from a Novel Nano-Rods Cadmium(II) 4,4-Difluoro-1-phenyl-1,3-butanedionate Nano Coordination Compound. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 923-928.	1.9	11
76	Synthesis and characterization of new $\text{Ln}_x\text{Sb}_2\text{Se}_3$ (Ln: $\text{Yb}^{3+}$ , $\text{Er}^{3+}$ ) nanoflowers and their physical properties. <i>Physica B: Condensed Matter</i> , 2012, 407, 38-43.	1.3	7
77	Synthesis of novel $\text{Ln}_x\text{Sb}_2\text{Se}_3$ (Ln: $\text{Lu}^{3+}$ , $\text{Ho}^{3+}$ , $\text{Nd}^{3+}$ ) nanomaterials via co-reduction method and investigation of their physical properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 390, 142-148.	2.3	15
78	Co-reduction synthesis of new $\text{Ln}_x\text{Sb}_2\text{Se}_3$ (Ln: $\text{Nd}^{3+}$ , $\text{Lu}^{3+}$ , $\text{Ho}^{3+}$ ) nanomaterials and investigation of their physical properties. <i>Physica B: Condensed Matter</i> , 2011, 406, 2801-2806.	1.3	15
79	Structural studies and physical properties of novel $\text{Sm}^{3+}$ -doped $\text{Sb}_2\text{Se}_3$ nanorods. <i>Physica B: Condensed Matter</i> , 2011, 406, 3831-3835.	1.3	11
80	Synthesis and Characterization of $\text{Sb}_2\text{S}_3$ Nanorods via Complex Decomposition Approach. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.	1.5	5
81	Uranyl Microsensor: An Asymmetric Potentiometric Membrane Sensor Based on a New Calix[4]arene. <i>Analytical Letters</i> , 2010, 43, 2220-2233.	1.0	3