Younes Hanifehpour

List of Publications by Year
in descending order

81	3,614	257357 24	133188 59
papers	citations	h-index	g-index

82	82	82	5017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dendrimers: synthesis, applications, and properties. Nanoscale Research Letters, 2014, 9, 247.	3.1	880
2	Carbon nanotubes: properties, synthesis, purification, and medical applications. Nanoscale Research Letters, 2014, 9, 393.	3.1	865
3	Silver nanoparticles: Synthesis methods, bio-applications and properties. Critical Reviews in Microbiology, 2016, 42, 1-8.	2.7	262
4	Sonochemical synthesis of Pr-doped ZnO nanoparticles for sonocatalytic degradation of Acid Red 17. Ultrasonics Sonochemistry, 2015, 22, 371-381.	3.8	236
5	Synthesis and Characterization of Dysprosium-Doped ZnO Nanoparticles for Photocatalysis of a Textile Dye under Visible Light Irradiation. Industrial & Engineering Chemistry Research, 2014, 53, 1924-1932.	1.8	182
6	Europium-doped ZnO as a visible light responsive nanocatalyst: Sonochemical synthesis, characterization and response surface modeling of photocatalytic process. Applied Catalysis A: General, 2014, 488, 160-170.	2.2	71
7	Kinetics and Mechanism of Enhanced Photocatalytic Activity under Visible Light Using Synthesized Pr_xCd_{1â€“x}Se Nanoparticles. Industrial & Engineering Chemistry Research, 2013, 52, 13357-13369.	1.8	50
8	Conversion of Natural Clinoptilolite Microparticles to Nanorods by Glow Discharge Plasma: A Novel Fe-Impregnated Nanocatalyst for the Heterogeneous Fenton Process. Industrial & Engineering Chemistry Research, 2013, 52, 18225-18233.	1.8	44
9	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
10	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
11	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
12	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
13	Sonochemical Synthesis and Characterization of the New Micro-Hexagonal-Rod Lead (II)-Azido Coordination Compound. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 916-922.	1.9	38
14	Synthesis and characterization of samarium-doped ZnS nanoparticles: A novel visible light responsive photocatalyst. Materials Research Bulletin, 2016, 76, 411-421.	2.7	37
15	Ultrasound-assisted fabrication of a new nano-rods 3D copper(II)-organic coordination supramolecular compound. Ultrasonics Sonochemistry, 2016, 31, 201-205.	3.8	35
16	Synthesis and characterization of nano-peanuts of lead(II) coordination polymer [Pb(qcnh)(NO3)2]n with ultrasonic assistance: A new precursor for the preparation of pure-phase nano-sized PbO. Ultrasonics Sonochemistry, 2017, 34, 255-261.	3.8	34
17	The toxic effects of l-Cysteine-capped cadmium sulfide nanoparticles on the aquatic plant Spirodela polyrrhiza. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	29
18	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

#	Article	IF	Citations
19	New Flower-Shaped Lead(II) Coordination Polymer at the Nano Scale: Synthesis, Structural Characterization and DFT Calculations of [Pb(o-phen)(N3)2] n Containing the Pb-(Î¼1,1-N3)(Î¼1,3-N3) Motif. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 751-757.	1.9	28
20	Preparation of a Novel Nano-scale Lead (II) Zig-Zag Metalâ€“Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Properties, and NBO Analysis of [Pb(Î¼-2-pinh)N3 H2O]n. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 819-828.	1.9	28
21	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
22	Ultrasound-assisted fabrication of a novel nickel(II)-bis-pyrazolyl borate two-nuclear discrete nano-structured coordination compound. Ultrasonics Sonochemistry, 2017, 34, 519-524.	3.8	27
23	Synthesis, characterization and photocatalytic performance of Yb-doped CdTe nanoparticles. Materials Letters, 2015, 145, 253-257.	1.3	25
24	A Ca²⁺ selective membrane electrode based on calcium-imprinted polymeric nanoparticles. New Journal of Chemistry, 2016, 40, 8479-8487.	1.4	25
25	Sonochemical Synthesis and Structural Characterization and DFT Calculations of a Novel Nano Flower Pb(II) Coordination Compound [Pb(phen)2(4-abs)2]n. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1397-1403.	1.9	23
26	Sonocatalysis of a sulfa drug using neodymium-doped lead selenide nanoparticles. Ultrasonics Sonochemistry, 2015, 27, 345-358.	3.8	23
27	Synthesis and Crystal Structure of [Pb(phen)(Î¼-N3)(Î¼-NO3)]n and Its Thermal Decomposition to PbO Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 957-962.	1.9	22
28	Thermolysis synthesis of pure phase NiO from novel sonochemical synthesized Ni(II) nano metal-organic supramolecular architecture. Ultrasonics Sonochemistry, 2017, 37, 430-435.	3.8	22
29	Synthesis, Structural Investigation and DFT Calculations of Cadmium (II) Fluorine-Substituted Î²-Diketonate: A Precursor to Producing Pure Phase Nano-Sized Cadmium (II) Oxide. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 816-821.	1.9	21
30	Applications of nanoparticle systems in gene delivery and gene therapy. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 581-587.	1.9	21
31	Sonochemical temperature controlled synthesis of pellet-, laminate- and rice grain-like morphologies of a Cu(II) porous metalâ€“organic framework nano-structures. Ultrasonics Sonochemistry, 2014, 21, 1430-1434.	3.8	20
32	Effectiveness of Nd doping and graphene oxide modification on electrochemical performance of CdSe nanorod material. Journal of Industrial and Engineering Chemistry, 2017, 49, 88-98.	2.9	19
33	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
34	Synthesis, structural characterization, thermal analysis, and DFT calculation of a novel zinc (II)-trifluoro-Î²-diketonate 3D supramolecular nano organic-inorganic compound with 1,3,5-triazine derivative. Materials Chemistry and Physics, 2016, 182, 101-109.	2.0	16
35	A new hydrogen cyanide chemiresistor gas sensor based on graphene quantum dots. International Journal of Environmental Analytical Chemistry, 2016, 96, 763-775.	1.8	16
36	Synthesis of novel Ln Sb2â˜Se3 (Ln: Lu3+, Ho3+, Nd3+) nanomaterials via co-reduction method and investigation of their physical properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 390, 142-148.	2.3	15

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37	Co-reduction synthesis of new LnxSb2â^'xS3 (Ln: Nd3+, Lu3+, Ho3+) nanomaterials and investigation of their physical properties. Physica B: Condensed Matter, 2011, 406, 2801-2806.	1.3	15
38	A novel nano-structured three-dimensional supramolecular metal-organic framework for cadmium (II): A new precursor for producing nano cadmium oxide. Journal of Molecular Structure, 2020, 1201, 127191.	1.8	13
39	The electrochemical performance and catalytic properties of Ytterbium substitution on Manganese oxide nanoparticles: BET study; preparation and characterization. Journal of Materials Science: Materials in Electronics, 2019, 30, 18897-18909.	1.1	12
40	Structural studies and physical properties of novel Sm3+-doped Sb2Se3 nanorods. Physica B: Condensed Matter, 2011, 406, 3831-3835.	1.3	11
41	Direct Synthesis of CdO Nanoparticles from a Novel Nano-Rods Cadmium(II) 4,4-Difluoro-1-phenyl-1,3-butanedionate Nano Coordination Compound. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 923-928.	1.9	11
42	Tetramethylguanidine-functionalized silica-coated iron oxide magnetic nanoparticles catalyzed one-pot three-component synthesis of furanone derivatives. Journal of Chemical Sciences, 2018, 130, 1.	0.7	11
43	Sonochemical Synthesis and Characterization of the First Flower-Like Cadmium(II) Coordination Compound: New Precursor to Produce Pure Phase Nano-Sized Cadmium(II) Oxide. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 549-553.	1.9	10
44	Facile synthesis, characterization and BET study of neodymium-doped spinel Mn3O4 nanomaterial with enhanced photocatalytic activity. Journal of Materials Science: Materials in Electronics, 2017, 28, 11654-11664.	1.1	10
45	Novel Visible Light Photocatalyst Based on Holmium-Doped Cadmium Sulfide: Synthesis, Characterization and Kinetics Study. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1-12.	1.9	9
46	Synthesis and Structural Characterization of Two New Nano-Coordination Compounds Based on Mercury(II) NN Donor Schiff Base. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1271-1278.	1.9	8
47	Synthesis and Structural Characterization and Thermal Properties of a Novel Azaâ€aromatic Base Adduct of Cadmium Thenoyltrifluoroacetonate: A precursor for Pure Phase Nanoâ€sized Cadmium(II) Oxide. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 357-361.	0.6	8
48	Synthesis and characterization of Pr x Zn1â^'x Se nanoparticles for photocatalysis of four textile dyes with different molecular structures. Research on Chemical Intermediates, 2015, 41, 8425-8439.	1.3	8
49	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 Î±-PbO nanoparticles. Journal of Molecular Structure, 2021, 1224, 129031.	1.8	8
50	Ultrasound-Assisted Synthesis and Crystal Structure of Novel 2D Cd (II) Metalâ€"Organic Coordination Polymer with Nitrite End Stop Ligand as a Precursor for Preparation of CdO Nanoparticles. Crystals, 2021, 11, 197.	1.0	8
51	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. Crystals, 2021, 11, 682.	1.0	8
52	Synthesis and characterization of new LnxSb2â^'xSe3 (Ln: Yb3+, Er3+) nanoflowers and their physical properties. Physica B: Condensed Matter, 2012, 407, 38-43.	1.3	7
53	Lu3+/Yb3+ and Lu3+/Er3+ co-doped antimony selenide nanomaterials: synthesis, characterization, and electrical, thermoelectrical, and optical properties. Nanoscale Research Letters, 2013, 8, 141.	3.1	7
54	Fabrication of Copper(II)-Coated Magnetic Core-Shell Nanoparticles Fe3O4@SiO2: An Effective and Recoverable Catalyst for Reduction/Degradation of Environmental Pollutants. Crystals, 2022, 12, 862.	1.0	7

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55	Synthesis and structural characterization of three dinuclear Copper(II) complexes incorporating pyrazolyl-derived ligands. Transition Metal Chemistry, 2012, 37, 687-694.	0.7	6
56	In situ generated stabilized phosphorus ylides mediated a mild and efficient method for the preparation of some new sterically congested electron-poor N-vinylated heterocycles. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1368-1374.	0.8	6
57	Sonochemical Synthesis, Characterization and Optical Properties of Tb-Doped CdSe Nanoparticles: Synergistic Effect between Photocatalysis and Sonocatalysis. Nanomaterials, 2021, 11, 378.	1.9	6
58	Synthesis and Characterization ofSb2S3Nanorods via Complex Decomposition Approach. Journal of Nanomaterials, 2011, 2011, 1-6.	1.5	5
59	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
60	Solvothermal Synthesis of a Nano-sized Aza-aromatic Base Adduct of a Cadmium(II) 4,4-Difluoro-1-phenyl-1,3-butandionate Coordination Compound. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1365-1369.	1.9	4
61	A one-step ultrasound-assisted synthesis of erbium-substituted nanocrystalline Mn2O3 and sonocatalytic degradation of azo dye. Journal of Materials Science: Materials in Electronics, 2018, 29, 13667-13680.	1.1	4
62	A Review on the Destruction of Environmentally Hazardous Chlorinated Aromatic Compounds in the Presence (or without) of Nanophotocatalysts. Current Organic Chemistry, 2018, 22, 1554-1572.	0.9	4
63	Sonochemical synthesis of the novel 1D zig-zag Hg(II)-Iodo bridged metal-organic coordination compounds with thiosemicarbazide derivative ligand. Journal of Molecular Structure, 2022, 1250, 131902.	1.8	4
64	The Synthesis and Characterization of a Novel One-Dimensional Bismuth (III) Coordination Polymer as a Precursor for the Production of Bismuth (III) Oxide Nanorods. Crystals, 2022, 12, 113.	1.0	4
65	Europium-Doped Y2O3-Coated Diatomite Nanomaterials: Hydrothermal Synthesis, Characterization, Optical Study with Enhanced Photocatalytic Performance. Inorganics, 2021, 9, 88.	1.2	4
66	Lead(II)-Azido Metalâ€“Organic Coordination Polymers: Synthesis, Structure and Application in PbO Nanomaterials Preparation. Nanomaterials, 2022, 12, 2257.	1.9	4
67	Uranyl Microsensor: An Asymmetric Potentiometric Membrane Sensor Based on a New Calix[4]arene. Analytical Letters, 2010, 43, 2220-2233.	1.0	3
68	LnxPb1â^'xTe(Ln:Nd3+,Yb3+) nanomaterials: Synthesis, characterization, physical properties, and optical properties. Journal of Industrial and Engineering Chemistry, 2015, 24, 251-258.	2.9	3
69	A Nano Nickel (II) Metalâ€“Organic Coordination Compound for Nano Nickel (II) Oxide: Sonochemical Synthesis and Characterization. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1045-1052.	1.9	3
70	Ultrasound-Assisted Synthesis of Novel Nano 3D Supramolecular Lead(II) Metalâ€“Organic Coordination System: A New Precursor to Produce Nano Lead Oxide. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 827-834.	1.9	3
71	Ultrasound-Assisted Synthesis of a Novel Nano-Zigzag-Pattern Lead (II) Metalâ€“Organic System: A New Precursor to Produce Nano-Sized PbO. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 552-561.	1.9	3
72	Sonochemical synthesis, crystal structure, and DFT calculation of an innovative nanosized Pb(II)-azido metalâ€“organic coordination polymer as a precursor for preparation of PbO nanorod. Chemical Papers, 2020, 74, 3651-3660.	1.0	3

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73	Syntheses and Antitumor Properties of Furoxan Derivatives. Current Organic Chemistry, 2021, 25, 757-778.	0.9	3
74	Two new Cu (II) complexes based on 5â€fluorouracilâ€1â€yl acetic acid and Nâ€donor ligands: Investigation of their interaction with DNA and anticancer activity. Applied Organometallic Chemistry, 2022, 36, e6458.	1.7	3
75	Synthesis of Novel YbxSb2â€‰â^'â€‰xTe3Hexagonal Nanoplates: Investigation of Their Physical, Structural, and Photocatalytic Properties. Journal of Nanomaterials, 2014, 2014, 1-8.	1.5	2
76	Hydrothermal Synthesis of a Nano-sized Mercury(II) Nâ€“Nâ€“O Donor Coordination Compound. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1248-1253.	1.9	1
77	Structural studies and optical properties of pearl nucleus irradiated by Î³-ray. Radiation Effects and Defects in Solids, 2013, 168, 696-704.	0.4	1
78	Sonocatalytic Decolorization of Azo Dye by Ultrasound-Assisted Ytterbium-Substituted Mn2O3 Nanocatalyst. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2143-2153.	1.9	1
79	Investigating the Impact of Ultrasonic Irradiation Power, Concentrations of Reactant, and Reaction Period on Morphology of Novel Nano Hg(II) Metalâ€“Organic Coordination Polymer. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1090-1098.	1.9	1
80	A Novel Fishbone-Like Lead(II) Supramolecular Polymer: Synthesis, Characterization, and Application for Producing Nano Metal Oxide. Crystals, 2021, 11, 335.	1.0	1
81	Nanoscale coordination compounds. Advances in Inorganic Chemistry, 2020, , 157-197.	0.4	0