

Morteza Montazerzohori

List of Publications by Year in descending order

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179
papers

3,357
citations

196777

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184
docs citations

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times ranked

3447
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium(II) coordination polymer based on flexible dithiolate-polyamine binary ligands system: Crystal structure, Hirshfeld surface analysis, antimicrobial, and DNA cleavage potential. <i>Polyhedron</i> , 2022, 211, 115544.	1.0	7
2	Development of a novel electrochemical nitrite sensor based on Znâ€Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	9
3	On the Electroanalytical Detection of Zn Ions by a Novel Schiff Base Ligand-SPCE Sensor. <i>Sensors</i> , 2022, 22, 900.	2.1	19
4	Ultrasonic assisted preparation of some new zinc complexes of a new tetradentate Schiff base ligand: thermal analyses data, antimicrobial and DNA cleavage potential. <i>Journal of Physical Organic Chemistry</i> , 2021, 34, e4180.	0.9	6
5	Synthesis, crystal structure, Hirshfeld surface analyses, antimicrobial activity, and thermal behavior of some novel nanostructure hexaâ€coordinated Cd(II) complexes: Precursors for CdO nanostructure. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6181.	1.7	8
6	Synthesis, spectral analysis, crystal structure, Hirshfeld surface analyses, thermal behavior of two new nickel complexes and usage as precursor for preparation of Ni/NiO nanoparticles. <i>Polyhedron</i> , 2020, 176, 114287.	1.0	10
7	Coordination framework of cadmium(II), harvested from dithiolate-imidazole binary ligand systems: Crystal structure, Hirshfeld surface analysis, antibacterial, and DNA cleavage potential. <i>Polyhedron</i> , 2020, 192, 114838.	1.0	7
8	Some new nanostructure zinc complex: Synthesis, spectral analyses, crystal structure, Hirshfeld surface analyses, antimicrobial/anticancer, thermal behavior and usage as precursor for ZnO nanostructure. <i>Materials Science and Engineering C</i> , 2020, 110, 110642.	3.8	17
9	Some novel hexaâ€coordinated cadmium Schiff base complexes: Xâ€ray structure, Hirshfeld surface analysis, antimicrobial and thermal analysis. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5550.	1.7	15
10	Synthesis, spectral and structure analysis of mono and binuclear cadmium and mercury complexes. <i>Polyhedron</i> , 2019, 163, 91-97.	1.0	6
11	Structural investigation of a new cadmium coordination compound prepared by sonochemical process: Crystal structure, Hirshfeld surface, thermal, TD-DFT and NBO analyses. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 244-256.	3.8	10
12	Potentiometric Ion-Selective Electrode Based on a New Single Crystal Cadmium(II) Schiff Base Complex for Detection of Fluoride Ion: Central Composite Design Optimization. <i>IEEE Sensors Journal</i> , 2019, 19, 413-425.	2.4	18
13	Synthesis, spectral, crystal structural, antimicrobial, DNA interaction and thermal behavior of some new zinc halide complexes: 3D supramolecular structure of zinc bromide complex. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1463-1473.	2.3	1
14	Sonication-assisted synthesis of a new cationic zinc nitrate complex with a tetradentate Schiff base ligand: Crystal structure, Hirshfeld surface analysis and investigation of different parameters influence on morphological properties. <i>Ultrasonics Sonochemistry</i> , 2018, 46, 26-35.	3.8	23
15	Design a sensitive optical thin film sensor based on incorporation of isonicotinohydrazide derivative in solâ€gel matrix for determination of trace amounts of copper (II) in fruit juice: Effect of sonication time on immobilization approach. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 723-730.	3.8	9
16	Application of nanostructure ZnLI 2 complex in construction of optical pH sensor. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4143.	1.7	2
17	Carbon dots as absorbance promoter probes for detection of Cu(II) ions in aqueous solution: central composite design approach. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 245-255.	1.6	12
18	Sonochemical synthesis and characterization of new seven coordinated zinc, cadmium and mercury nitrate complexes: New precursors for nanostructure metal oxides. <i>Ultrasonics Sonochemistry</i> , 2018, 41, 590-599.	3.8	16

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19	Some novel nanostructure Schiff base compounds: antimicrobial and thermal behaviors. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3873.	0.9	5
20	A new 1D manganese(II) coordination polymer with end-to-end azide bridge and isonicotinoylhydrazone Schiff base ligand: Crystal structure, Hirshfeld surface, NBO and thermal analyses. <i>Journal of Molecular Structure</i> , 2018, 1153, 239-247.	1.8	10
21	Sonochemical synthesis of a new cobalt(II) complex: Crystal structure, thermal behavior, Hirshfeld surface analysis and its usage as precursor for preparation of CoO/Co ₃ O ₄ nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 134-144.	3.8	25
22	Crystal structure, DNA interaction and thermal analysis data of two new antimicrobial active binuclear cadmium and mercury complexes. <i>Journal of Molecular Structure</i> , 2017, 1145, 65-75.	1.8	7
23	Some new 4-coordinated nanostructure cadmium imidazolidine Schiff base complexes: Thermal behavior, antimicrobial, and DNA cleavage potential. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3718.	0.9	2
24	New tetrahedral zinc halide Schiff base complexes: Synthesis, crystal structure, theoretical, 3D Hirshfeld surface analyses, antimicrobial and thermal studies. <i>Materials Science and Engineering C</i> , 2017, 77, 229-244.	3.8	32
25	Simultaneous removal of Cd(II), Ni(II), Pb(II) and Cu(II) ions via their complexation with HBANSA based on a combined ultrasound-assisted and cloud point adsorption method using CSG-BiPO ₄ /FePO ₄ as novel adsorbent: FAAS detection and optimization process. <i>Journal of Colloid and Interface Science</i> , 2017, 500, 241-252.	5.0	53
26	Efficient adsorption of erythrosine and sunset yellow onto modified palladium nanoparticles with a 2-diamine compound: Application of multivariate technique. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 48, 43-55.	2.9	20
27	New five coordinated supramolecular structured cadmium complex as precursor for CdO nanoparticles: Synthesis, crystal structure, theoretical and 3D Hirshfeld surface analyses. <i>Journal of Molecular Structure</i> , 2017, 1131, 201-211.	1.8	23
28	Novel biological active nanostructure cadmium coordination compounds: Thermal analyses data and usage as new precursors for preparation of cadmium oxide nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 881-892.	0.9	5
29	Crystal structure, DFT study, antimicrobial properties and DNA cleavage potential and thermal behavior of some new mercury complexes. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 297-312.	1.2	6
30	Highly selective and sensitive determination of copper ion by two novel optical sensors. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2319-S2326.	2.3	15
31	Chemically modified multiwalled carbon nanotube carbon paste electrode for copper determination. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2934-S2943.	2.3	23
32	DECOLORIZATION OF p-DIMETHYLAMINOBENZAL-RHODANINE UNDER PHOTOCATALYTIC PROCESS BY USE OF TITANIUM DIOXIDE NANOPARTICLES AT VARIOUS BUFFER pHs. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1853-1858.	0.2	1
33	A highly efficient magnetic solid acid nanocatalyst for the synthesis of new bulky heterocyclic compounds. <i>RSC Advances</i> , 2016, 6, 47298-47313.	1.7	17
34	Photocatalytic degradation of disulfine blue using titanium dioxide nanoparticles under ultraviolet light irradiation: A response surface methodology approach. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1657-1663.	1.3	5
35	Efficient and Green Ritter Reaction for the Synthesis of <i>N</i> -(<i>t</i> -Butyl)- and <i>N</i> -Benzylamides from <i>t</i> -Butyl and Benzyl Acetates. <i>Organic Preparations and Procedures International</i> , 2016, 48, 321-327.	0.6	11
36	Modification of platinum nanoparticles loaded on activated carbon and activated carbon with a new chelating agent for solid phase extraction of some metal ions. <i>Journal of Molecular Liquids</i> , 2016, 221, 748-754.	2.3	16

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37	Synthesis, X-ray crystal structures and thermal analyses of some new antimicrobial zinc complexes: New configurations and nano-size structures. <i>Materials Science and Engineering C</i> , 2016, 61, 809-823.	3.8	25
38	A zinc iodide complex with two-dimensional supra-molecular network: new antimicrobial four coordinated zinc complexes. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 779-791.	1.2	8
39	Synthesis and crystal structure of the dinuclear copper(II) Schiff base complex $[1/4\text{-hydroxido-}1/4\text{-chlorido-bis}\{\text{[bis}(\text{trans-2-nitrocinnamaldehyde})\text{ethylenediamine}]\text{chloridocopper(II)}\}\text{dichloromethane sesquisolvate}$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 239-242.	0.2	0
40	Aluminatesulfonic acid: Novel and recyclable nanocatalyst for efficient synthesis of aminoalkyl naphthols and amidoalkyl naphthols. <i>Comptes Rendus Chimie</i> , 2016, 19, 986-994.	0.2	18
41	Structural and computational study of some new nano-structured Hg(II) compounds: a combined X-ray, Hirshfeld surface and NBO analyses. <i>RSC Advances</i> , 2016, 6, 21396-21412.	1.7	21
42	Simultaneous extraction and preconcentration of Cu ²⁺ , Ni ²⁺ and Zn ²⁺ ions using Ag nanoparticle-loaded activated carbon: Response surface methodology. <i>Advanced Powder Technology</i> , 2016, 27, 426-435.	2.0	23
43	Preparation and characterization of an ACa ₃ Fe ₃ O ₄ ·Au hybrid for the simultaneous removal of Cd ²⁺ , Pb ²⁺ , Cr ³⁺ and Ni ²⁺ ions from aqueous solution via complexation with 2-((2,4-dichloro-benzylidene)-amino)-benzenethiol: Taguchi optimization. <i>RSC Advances</i> , 2016, 6, 10700-10707.	1.7	67
44	Crystal structures, Hirshfeld surface analyses and thermal behavior of two new rare tetrahedral terminal zinc(II) azide and thiocyanate Schiff base complexes. <i>RSC Advances</i> , 2016, 6, 23866-23878.	1.7	37
45	Two new 1D zigzag Hg(II) nanostructure coordination polymers: Sonochemical synthesis, thermal study, crystal structure and Hirshfeld surface analysis. <i>Inorganica Chimica Acta</i> , 2016, 443, 207-217.	1.2	13
46	Catalytic thionine photodecolorization kinetics in the presence of nanostructure zinc oxide at buffer and non-buffer solutions. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 689-696.	1.3	1
47	Antimicrobial activity, DNA cleavage, thermal analysis data and crystal structure of some new CdLX ₂ complexes: A supramolecular network. <i>Materials Science and Engineering C</i> , 2015, 55, 462-470.	3.8	22
48	Modified Carbon Paste Electrode for Pb ²⁺ Ion Determination: Response Surface Methodology. <i>IEEE Sensors Journal</i> , 2015, 15, 2974-2983.	2.4	15
49	Synthesis, characterization, and thermal behavior of some new biological-active zinc halide/pseudohalide complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 553-562.	2.0	2
50	Synthesis, spectral, thermal behaviors, and antimicrobial studies of some nanostructure five coordinated Hg(II) complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 591-602.	2.0	4
51	Synthesis and Spectral Characterization of Bis(3(4-dimethylaminophenyl)-2-prop-1-enylidene)-1,2-diaminoethane and Some New Mercury Complexes: An Antibacterial and Antifungal Investigation. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1525-1532.	0.6	0
52	Preparation and characterization of MWCNTs functionalized by N-(3-nitrobenzylidene)-N,N'-trimethoxysilylpropyl-ethane-1,2-diamine for the removal of aluminum(III) ions via complexation with eriochrome cyanine R: spectrophotometric detection and optimization. <i>RSC Advances</i> , 2015, 5, 61060-61069.	1.7	94
53	Synthesis, characterization and crystal structures of the bidentate Schiff base N,N' -bis(2-nitrocinnamaldehyde)ethylenediamine and its complex with CuNCS and triphenylphosphane. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 578-583.	0.2	7
54	DFT study and crystal structure analysis of a new nano-structure five coordinated Hg(II) complex involving C=O, N=O and $\pi\text{-}\pi$ interactions in a supra-molecular structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 139-150.	2.0	16

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55	Nanorod vanadatesulfuric acid (VSA NRs)-catalyzed green synthesis of hexahydroacridine-1,8-diones in solvent-free conditions. <i>Comptes Rendus Chimie</i> , 2015, 18, 547-553.	0.2	21
56	Synthesis, Characterization, and Antibacterial Activities of Some New Zinc Coordination Compounds of an Asymmetric Bidentate Schiff Base. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1033-1038.	0.6	1
57	Preparation of Iodide Selective Carbon Paste Electrode with Modified Carbon Nanotubes by Potentiometric Method and Effect of CuS@NPs on Its Response. <i>Electroanalysis</i> , 2015, 27, 1516-1522.	1.5	46
58	Nickel-selective coated disk electrode based on carbon nanotube composite modified with a new Schiff base. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 209-217.	0.3	3
59	Schiff Base Impregnated Plasticized Polyvinyl Chloride Optical Sensor for Selective and Efficient Detection of Copper (II) Ion: Central Composite Design. <i>IEEE Sensors Journal</i> , 2015, 15, 6604-6610.	2.4	11
60	Multi-component synthesis of highly substituted imidazoles catalyzed by nanorod vanadatesulfuric acid. <i>Chemical Papers</i> , 2015, 69, .	1.0	13
61	Nano structure zinc (II) Schiff base complexes of a N3-tridentate ligand as new biological active agents: Spectral, thermal behaviors and crystal structure of zinc azide complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 517-528.	2.0	40
62	Photocatalytic decolorization of auramine and its kinetics study in the presence of two different sizes titanium dioxide nanoparticles at various buffer and non-buffer media. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 1044-1050.	2.9	15
63	Some New Four Coordinated Hg(II) Complexes: Synthesis, Characterization, Electrochemical Behavior, Antibacterial/Antifungal Properties, and Theoretical Investigation. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 48-57.	0.6	2
64	Thermal analyses data and antimicrobial screening of some new nano-structure five coordinated cadmium complexes. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 248-257.	2.9	16
65	Synthesis, spectral, crystal structure, thermal behavior, antimicrobial and DNA cleavage potential of two octahedral cadmium complexes: A supramolecular structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 389-396.	2.0	36
66	The Influence of Nanoscale Material on Response Properties of Iodide Selective Electrodes. <i>IEEE Sensors Journal</i> , 2015, 15, 322-332.	2.4	1
67	EFFICIENT AND GREEN CATALYTIC SYNTHESIS OF DIHYDROPYRIMIDINONE (THIONE) DERIVATIVES USING COBALT NITRATE IN SOLVENT-FREE CONDITIONS. <i>Journal of the Chilean Chemical Society</i> , 2014, 59, 2311-2314.	0.5	15
68	Synthesis, characterization, electrochemical behavior and antibacterial/antifungal activities of [Cd(I)X ₂] complexes with a Schiff base ligand. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 793-804.	0.4	9
69	Photocatalytic decolorization of 5-[4-(dimethylamino) phenylmethylene]-2-thioxo-4-thiazolidinone using nano-powder zinc oxide at various basic buffer pHs. <i>Desalination and Water Treatment</i> , 2014, 52, 7993-7998.	1.0	4
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73	Synthesis, characterization, electrochemical behavior, thermal study and antibacterial/antifungal properties of some new zinc(II) coordination compounds. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 118-126.	2.9	27
74	Some new IIB group complexes of an imidazolidine ligand: Synthesis, spectral characterization, electrochemical, thermal and antimicrobial properties. <i>Journal of Chemical Sciences</i> , 2014, 126, 227-238.	0.7	14
75	Some new nano-structure zinc(II) coordination compounds of an imidazolidine Schiff base: Spectral, thermal, antimicrobial properties and DNA interaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 382-391.	2.0	19
76	Some new cadmium complexes: Antibacterial/antifungal activity and thermal behavior. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2463-2470.	2.9	40
77	Magnetic Fe ₃ O ₄ nanoparticles: Efficient and recoverable nanocatalyst for the synthesis of polyhydroquinolines and Hantzsch 1,4-dihydropyridines under solvent-free conditions. <i>Journal of Molecular Catalysis A</i> , 2014, 382, 99-105.	4.8	155
78	Synthesis, crystal structure and photo-induced isomerization of [N,N-bis(4-fluorobenzylidene)ethylenediamine]bromo(triphenylphosphine)copper(I). <i>Polyhedron</i> , 2013, 62, 61-65.	1.0	0
79	Functionalization of multiwalled carbon nanotubes for the solid-phase extraction of silver, cadmium, palladium, zinc, manganese and copper by flame atomic absorption spectrometry. <i>Human and Experimental Toxicology</i> , 2013, 32, 687-697.	1.1	27
80	Comparison of the influence of nanomaterials on response properties of copper selective electrodes. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1356-1364.	2.9	25
81	Synthesis, spectroscopic, and thermal studies of some Hg(II) and Cd(II) coordination compounds of N,N-bis[(E)-3-(phenylprop)-2-enylidene]propanediamine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 121-128.	2.0	8
82	Solid phase extraction of heavy metals on chemically modified silica-gel with 2-(3-silylpropylimino) 2013, 93, 843-857.	1.8	13
83	Chemically modified carbon nanotubes as efficient and selective sorbent for enrichment of trace amount of some metal ions. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1477-1482.	2.9	51
84	Kinetics of photocatalytic decolorization of paramagenta at buffer solutions using nanotitanium dioxide under aerobic condition. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1061-1065.	1.3	4
85	Chemically Modified Multiwalled Carbon Nanotubes as Efficient Material for Construction of New Al(III) Ion Selective Carbon Paste Electrode. <i>IEEE Sensors Journal</i> , 2013, 13, 321-327.	2.4	4
86	Chemically bonded multiwalled carbon nanotubes as efficient material for solid phase extraction of some metal ions in food samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 528-542.	1.8	54
87	Flame atomic absorption spectrometric (FAAS) determination of copper, iron and zinc in food samples after solid-phase extraction on Schiff base-modified duolite XAD 761. <i>Materials Science and Engineering C</i> , 2013, 33, 2338-2344.	3.8	59
88	Comparison of novel sorbents for preconcentration of metal ions prior to their flame atomic absorption spectrometry determination. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1781-1787.	2.9	38
89	Diaion HP-2MG modified with 2-(2,6-dichlorobenzylideneamino) benzenethiol as new adsorbent for solid phase extraction and flame atomic absorption spectrometric determination of metal ions. <i>Human and Experimental Toxicology</i> , 2013, 32, 371-378.	1.1	11
90	Silver nanoparticle loaded on activated carbon and activated carbon modified with 2-(4-isopropylbenzylideneamino)thiophenol (IPBATP) as new sorbents for trace metal ions enrichment. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 386-400.	1.8	25

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91	Synthesis, Spectroscopy, Theoretical, and Electrochemical Studies of Zn(II), Cd(II), and Hg(II) Azide and Thiocyanate Complexes of a New Symmetric Schiff-Base Ligand. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-9.	0.6	6
92	Sodium dodecyl sulfate coated γ -alumina support modified by a new Schiff base for solid phase extraction and flame-AAS determination of lead and copper ions. <i>Quimica Nova</i> , 2013, 36, 1354-1359.	0.3	7
93	Ultrasound-assisted catalytic synthesis of acyclic imides in the presence of p-toluenesulfonic acid under solvent free conditions. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 415-421.	0.4	13
94	Design of an efficient uranyl ion optical sensor based on 2,2'-(1,2-phenylene)bis(ethene-2,1-diyl)dinaphthalen-2-ol. <i>Materials Science and Engineering C</i> , 2012, 32, 1888-1892.	3.8	20
95	Preconcentration of Zn ²⁺ and Cu ²⁺ ions from food and vegetable samples using modified activated carbon. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6583-6591.	1.3	17
96	Modified carbon paste electrodes for Cu(II) determination. <i>Materials Science and Engineering C</i> , 2012, 32, 2274-2279.	3.8	17
97	Photocatalytic decolorization of ethyl orange at various buffer solutions using nano-titanium dioxide: a kinetic investigation. <i>Desalination and Water Treatment</i> , 2012, 48, 261-266.	1.0	12
98	Synthesis, Spectral and Thermal Behavior of Some New Four Coordinated Complexes. <i>E-Journal of Chemistry</i> , 2012, 9, 2483-2492.	0.4	4
99	Synthesis, spectral identification, electrochemical behavior and theoretical investigation of new zinc complexes of bis((E)-3-(2-nitrophenyl)-2-propenal)propane-1,2-dimine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 70-76.	2.0	19
100	Construction of new iodide selective electrodes based on bis(trans-cinnamaldehyde)1,3-propanediimine(L) zinc(II) chloride [ZnLCl ₂] and bis(trans-cinnamaldehyde) 1,3-propanediimine(L) cadmium(II) chloride [CdLCl ₂]. <i>Materials Science and Engineering C</i> , 2012, 32, 523-529.	3.8	8
101	Designing and synthesis of bis(2,4-dihydroxybenzylidene)-1,6-diaminohexane and its efficient application as neutral carrier for preparation of new copper selective electrode. <i>Materials Science and Engineering C</i> , 2012, 32, 674-679.	3.8	15
102	Photocatalytic degradation of an organic dye in some aqueous buffer solutions using nano titanium dioxide. A kinetic study. <i>Environmental Protection Engineering</i> , 2012, 38, .	0.1	13
103	Influence of Multiwalled Carbon Paste Nanotubes on Response of Pb^{2+} Ion Selective Carbon Paste Electrode Based on 2-((6-(5-Bromo-2-Hydroxybenzylideneamino) Hexylimino)) Tj ETQq1 1 0.784314 mgBT /Overlock 10 T		
104	Preconcentration of some trace metal ions on coated alumina modified by 1-((6-(2-hydroxynaphthalen-1-yl)methyleneamino) hexylimino) methyl) naphthalen-2-ol. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 860-872.	0.6	8
105	Solid-phase extraction and determination of trace amount of some metal ions on Duolite XAD 761 modified with a new Schiff base as chelating agent in some food samples. <i>Food and Chemical Toxicology</i> , 2011, 49, 208-214.	1.8	78
106	Solid phase extraction on multiwalled carbon nanotubes and flame atomic absorption spectrometry combination for determination of some metal ions in environmental and food samples. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 873-885.	0.6	44
107	Silica-supported ICl as a novel heterogeneous system for the rapid and selective oxidation of thiols to symmetrical disulfides. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 483-488.	1.0	2
108	Spectrophotometric Study of Complexation Between Some New N ₂ O ₂ -Schiff Bases and Some Transition Metal Ions in Nonaqueous Solvents. <i>E-Journal of Chemistry</i> , 2011, 8, 495-506.	0.4	4

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109	Kinetic Study of Photocatalytic Degradation of Tolonium Chloride Under High Pressure Irradiation in Aquatic Buffer Systems. <i>E-Journal of Chemistry</i> , 2011, 8, S19-S26.	0.4	2
110	Synthesis, spectroscopic and thermal studies of some IIB group complexes with a new N2-Schiff base ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 122-127.	2.0	32
111	A novel acorn based adsorbent for the removal of brilliant green. <i>Desalination</i> , 2011, 281, 226-233.	4.0	154
112	solid phase for enrichment and determination of copper, nickel, chromium, and zinc ions in soil, plants, and mint water samples. <i>Environmental Monitoring and Assessment</i> , 2011, 174, 171-186.	1.3	15
113	Sodium dodecyl sulfate coated alumina modified with a new Schiff's base as a uranyl ion selective adsorbent. <i>Journal of Hazardous Materials</i> , 2011, 187, 75-81.	6.5	29
114	Efficient and one-pot catalytic synthesis of 2-imidazolines and bis-imidazolines with <i>p</i> -toluenesulfonic acid under solvent free conditions. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 249-254.	1.4	14
115	Preconcentration/Separation of Some Metal Ions Using Sodium Dodecyl Sulfate Coated Alumina Modified with Bis(5-bromo-2-hydroxybenzaldehyde)-methyl-1,5-pentane Diimine (BBHPDI) Prior to Their Flame-AAS Determination. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2141-2147.		7
116	Silica Supported Perchloric Acid: A Convenient and Environmentally Friendly Catalyst for the One-pot Multicomponent Synthesis of <i>p</i> -Acetamido Ketones. <i>Chinese Journal of Chemistry</i> , 2011, 29, 123-130.	2.6	11
117	Chemically Modified Multiwalled Carbon Nanotubes as Efficient Material for Construction of New Zinc (II) Ion Selective Carbon Paste Electrode. <i>Sensor Letters</i> , 2011, 9, 1718-1725.	0.4	16
118	Development of a flotation method for preconcentration-separation of trace amounts of some metal ions in plant tissues prior to their FAAS determinations. <i>Quimica Nova</i> , 2010, 33, 404-410.	0.3	19
119	Silica Supported Tungstosilicic Acid as an Efficient and Reusable Catalyst for the One-Pot Synthesis of <i>p</i> -Acetamido Ketones via a Four-Component Condensation Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3653-3657.	1.0	7
120	Design and Construction of Azide Carbon Paste Selective Electrode Based on a New Schiff's Base Complex of Iron. <i>IEEE Sensors Journal</i> , 2010, 10, 814-819.	2.4	8
121	Aerobic Oxidation of Some Arylthiols Catalyzed by a New Manganese (III) Schiff-Base Complex. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 509-515.	0.8	13
122	A preconcentration procedure for copper, nickel and chromium ions in some food and environmental samples on modified Diaion SP-850. <i>Food and Chemical Toxicology</i> , 2010, 48, 482-489.	1.8	30
123	Transformation of Thioamide Compounds to Corresponding Amides Using 12-Tungstosilicic Acid. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 261-266.	0.8	4
124	Efficient catalytic synthesis of 2-imidazolines and bis-imidazolines with silica supported tungstosilicic acid. <i>Arkivoc</i> , 2010, 2010, 97-109.	0.3	6
125	Construction of New Iodide Ion-Selective Electrodes Based on New Ionophores: Comparison of the Effect of Structures and Additives on Electrode Response. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 1208-1218.	0.7	5
126	Construction of a New Uranyl-Selective Electrode Based on a New Ionophore: Comparison of the Effect Additive on Electrode Responses. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 812-821.	0.8	14

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127	Catalytic Oxidative Decarboxylation of Some Benzylcarboxylic Acid Derivatives by a New Iron(III) Schiff Base Complex. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1007-1011.	2.6	7
128	Flame atomic absorption spectrometric determination of zinc, nickel, iron and lead in different matrixes after solid phase extraction on sodium dodecyl sulfate (SDS)-coated alumina as their bis (2-hydroxyacetophenone)-1, 3-propanediimine chelates. <i>Journal of Hazardous Materials</i> , 2009, 166, 1441-1448.	6.5	119
129	Preconcentration and separation of trace amount of copper (II) on N1, N2-bis(4-fluorobenzylidene)ethane-1,2-diamine loaded on Sepabeads SP70. <i>Journal of Hazardous Materials</i> , 2009, 170, 169-174.	6.5	23
130	Synthesis and spectroscopic studies of some cadmium(II) and mercury(II) complexes of an asymmetrical bidentate Schiff base ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 231-237.	2.0	37
131	Synthesis and spectroscopic studies of a new unsymmetrical ligand, N(E), Nâ€²(E)-bis[(E)TjETQq1 1 0.784314 rgBT /Overlock 10 Chemistry, 2009, 62, 1285-1292.	0.8	11
132	Synthesis, characterization and crystal structure of a CuSCN complex containing a new bidentate N,Nâ€²-bis(2-nitrocinnamaldehyde)ethylenediamine Schiff base and triphenylphosphine. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3703-3711.	0.8	1
133	Sodium dodecyl sulfate coated poly (vinyl) chloride: An alternative support for solid phase extraction of some transition and heavy metals. <i>Chemosphere</i> , 2009, 74, 583-589.	4.2	55
134	A convenient and inexpensive method for conversion of thioamide compounds to their oxo derivatives using acidified iodine monochloride. <i>Journal of Sulfur Chemistry</i> , 2009, 30, 17-21.	1.0	6
135	Synthesis, crystal structure and photo-induced isomerization of [N,Nâ€²-bis(4-fluorobenzylidene) ethylenediamine]bromo(triphenylphosphine)copper(I) complex. <i>Journal of Coordination Chemistry</i> , 2009, 62, 417-426.	0.8	1
136	{4,4â€²-Dimethoxy-2,2â€²-[2,2-dimethylpropane-1,3-diylbis(nitrilomethylidyne)]diphenolato}nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m703-m703.	0.2	3
137	[Bis(3-phenylprop-2-enylidene)propane-1,3-diamine-Î²2N,Nâ€²]dibromidocobalt(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m56-m56.	0.2	1
138	{N,Nâ€²-Bis[(E)-3-phenylprop-2-en-1-ylidene]propane-1,3-diamine-Î²2N,Nâ€²}dichloridocobalt(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m617-m617.	0.2	1
139	2,2â€²-[(E,E)-1,1â€²-(2,2-Dimethylpropane-1,3-diyl)dinitrilo]diethylidyne]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1662-o1663.	0.2	4
140	Photocatalytic oxidation of dihydropyrimidinones using titanium dioxide suspension. <i>Arkivoc</i> , 2009, 2009, 255-264.	0.3	4
141	Bis[1/4-4,4â€²-dimethoxy-2,2â€²-[propane-1,2-diylbis(nitrilomethylidyne)]diphenolato]bis[4,4â€²-dimethoxy-2,2â€²-[propane-1,2-diylbis(hexafluoridophosphate)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1004-m1005.	0.2	0
142	An efficient and clean oneâ€¢pot synthesis of 3,4â€¢dihydropyrimidineâ€¢(1<i>H</i>)â€¢ones catalyzed by tungstate sulfuric acid in solventâ€¢free conditions. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1183-1185.	1.4	13
143	Three modified activated carbons by different ligands for the solid phase extraction of copper and lead. <i>Journal of Hazardous Materials</i> , 2008, 152, 1248-1255.	6.5	113
144	Synthesis and spectral characterization of a new symmetric bidentate Schiff-base and its zinc complexes. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3934-3942.	0.8	53

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145	Catalytic oxidative decarboxylation of arylacetic acids promoted by new Mn(III) and Fe(III) Schiff base complexes. <i>Arkivoc</i> , 2008, 2008, 238-246.	0.3	9
146	Construction of Suitable Iodide-Selective Electrode Based on Phenyl Mercury (II)(2-mercaptobezothiozolate) Carrier. <i>Analytical Letters</i> , 2007, 40, 1714-1735.	1.0	24
147	Crystal Structure of N,N'-Bis(2-chlorobenzylidene)ethylenediamine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X117-X118.	0.1	0
148	Synthesis and Crystal Structure of Chloro{bis[N,N'-(2-chlorobenzylidene)]-ethylenediamine}(triphenylphosphine)copper(I). <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X45-X46.	0.1	0
149	Crystal Structure of N,N'-Bis(4-trifluoromethoxybenzylidene)ethylenediamine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X47-X48.	0.1	1
150	Synthesis and Crystal Structure of [CuL(PPh ₃)Cl] L = N,N'-Bis(4-trifluoromethylbenzylidene)ethylenediamine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X49-X50.	0.1	5
151	N,N'-Bis(2-nitrocinnamaldehyde)ethylenediaminedichlorozinc(II). <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X51-X52.	0.1	5
152	Fast and Highly Efficient Solid State Oxidation of Thiols. <i>Molecules</i> , 2007, 12, 694-702.	1.7	31
153	SIVER SALTS/ IODINE MONOCHLORIDE AS A NEW OXIDATION SYSTEM FOR THE OXIDATIVE AROMATIZATION OF 1, 4-DIHYDROPYRIDINES. <i>Heterocyclic Communications</i> , 2007, 13, .	0.6	5
154	The Effects of Some Operational Parameters in Photodegradation of Benzylamine and Aniline and Their Kinetics in Aqueous Suspension of TiO ₂ and Pt-Loaded TiO ₂ . <i>Annali Di Chimica</i> , 2007, 97, 1015-1026.	0.6	8
155	Solid phase extraction method for selective determination of Pb(II) in water samples using 4-(4-methoxybenzylideneimine) thiophenole. <i>Journal of Hazardous Materials</i> , 2007, 142, 368-373.	6.5	53
156	Oxidative Decarboxylation of Carboxylic Acids with Tetrabutylammonium Periodate Catalyzed by Manganese (III) Meso-Tetraarylporphyrins: Effect of Metals, Meso-Substituents, and Anionic Axial Ligands. <i>Chinese Journal of Catalysis</i> , 2007, 28, 940-946.	6.9	14
157	Bis[N,N'-(2-chlorobenzylidene)ethylenediamine] ²⁺ copper(II) dichloridocuprate(I) acetonitrile solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m592-m594.	0.4	4
158	3,3-Dimethoxy-2,2-[o-phenylenebis(nitrilomethylidene)]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4462-o4462.	0.2	1
159	{N,N'-Bis[3-(2-nitrophenyl)prop-2-enylidene]ethylenediamine} ²⁺ chlorido(triphenylphosphine) ⁻ copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2933-m2934.	0.2	2
160	Molybdate sulfuric acid (MSA): a novel and efficient solid acid reagent for the oxidation of thiols to symmetrical disulfides. <i>Arkivoc</i> , 2007, 2007, 99-104.	0.3	28
161	Tungstate Sulfuric Acid (TSA)/ KMnO ₄ as a Novel Heterogeneous System for Rapid Deoximation. <i>Molecules</i> , 2006, 11, 720-725.	1.7	25
162	Efficient Biomimetic Decarboxylation of Diphenylacetic Acid by [Mn(TPP)X] ₄ NiO ₄ Catalytic Systems: Effect of Anionic Axial Ligands (X ₄). <i>Journal of Chemical Research</i> , 2006, 2006, 605-608.	0.6	7

#	ARTICLE	IF	CITATIONS
163	Bis (Salicylaldehyde-1, 2-Phenylene Diimine)Mn(III) Chloride (Mn(III)-Salophen) Catalysed Oxidation of Thiols to Symmetrical Disulfides Using Urea Hydrogen Peroxide (UHP) as Mild and Efficient Oxidant. Journal of Chemical Research, 2006, 2006, 490-492.	0.6	17
164	[N,Nâ€™-Bis(2-chlorobenzylidene)ethylenediamine]bromo(triphenylphosphine)copper(I). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3392-m3394.	0.2	1
165	Synthesis, structural and spectroscopic properties of a new Schiff base ligand N,Nâ€™-bis(trifluoromethylbenzylidene)ethylenediamine. Journal of Fluorine Chemistry, 2006, 127, 769-773.	0.9	35
166	Molybdate Sulfuric Acid/NaNO ₂ : A Novel Heterogeneous System for the N-Nitrosation of Secondary Amines under Mild Conditions. Helvetica Chimica Acta, 2006, 89, 2922-2926.	1.0	28
167	Photodegradation Kinetics of Some Thiols and Thiones in Aqueous Suspension of Zinc Oxide. Annali Di Chimica, 2006, 96, 285-292.	0.6	4
168	Tungstate Sulfuric Acid: A Novel and Efficient Solid Acidic Reagent for the Oxidation of Thiols to Disulfides and the Oxidative Demasking of 1,3-Dithianes. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2825-2831.	0.8	25
169	Iodide-Selective Electrodes Based on Bis[N(2-methyl-phenyl) 4-Nitro-thiobenzamidato]mercury(II) and Bis[N-phenyl 3,5-Dinitro-thiobenzamidato]mercury(II) Carriers. Electroanalysis, 2005, 17, 1746-1754.	1.5	32
170	TUNGSTATE SULFURIC ACID/ KMnO ₄ AS A NOVEL HETEROGENEOUS SYSTEM FOR THE RAPID AROMATIZATION OF HANTZSCH 1, 4-DIHYDROPYRIDINES UNDER MILD CONDITIONS. Heterocyclic Communications, 2005, 11, .	0.6	16
171	Catalytic Aromatization of Hantzsch 1,4-Dihydropyridines by Bis(salicylaldehyde-1,2-phenylenediimine) Mn(III) Chloride Using Urea Hydrogen Peroxide as Mild and Efficient Oxidant. Heterocycles, 2005, 65, 2181.	0.4	10
172	Urea- Hydrogen Peroxide (UHP) Oxidation of Thiols to the Corresponding Disulfides Promoted by Maleic Anhydride as Mediator. Molecules, 2005, 10, 1358-1363.	1.7	41
173	Tungstate Sulfuric Acid (TSA) /NaNO ₂ as a Novel Heterogeneous System for the N-Nitrosation of Secondary Amines under Mild Conditions. Bulletin of the Korean Chemical Society, 2005, 26, 1125-1128.	1.0	16
174	Tungstate Sulfuric Acid (TSA)/NaNO ₂ as a Novel Heterogeneous System for Rapid Deoxygenation. Bulletin of the Korean Chemical Society, 2005, 26, 1431-1433.	1.0	13
175	PHOTOCHEMICAL OXIDATIVE DEPROTECTION OF 1,3-DITHIANES TO CARBONYL COMPOUNDS WITH HYDROGEN PEROXIDE (HP). Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 597-600.	0.8	7
176	Synthesis and characterization of bis(organothiolato)mercury(ii) complexes by disproportionation of Hg ₂ Cl ₂ in the presence of thiols. Journal of Coordination Chemistry, 2004, 57, 1387-1392.	0.8	1
177	Photooxidation of Ethylbenzene with TiO ₂ and Metal Coated TiO ₂ and its Kinetics. Monatshefte für Chemie, 2004, 135, 1121.	0.9	5
178	Photocatalytic Mineralisation of Aniline Derivatives in Aquatic Systems Using Semiconductor Oxides. Annali Di Chimica, 2004, 94, 421-428.	0.6	8
179	Highly Efficient, and Fast Solid State Deprotection of 1,3-Dithianes and 1,3-Dithiolanes using Mercury(II) Nitrate Trihydrate. Molecules, 2003, 8, 663-669.	1.7	17