

# Mohammad Shahid

## List of Publications by Year in descending order

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115  
papers

2,594  
citations

196777

29  
h-index

286692

43  
g-index

115  
all docs

115  
docs citations

115  
times ranked

2254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of structural variation on enzymatic activity in tetranuclear (Cu <sub>4</sub> ) clusters with defective cubane core. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 9067-9080.	2.0	5
2	Structure, DFT studies and evaluation of catechol oxidase (CO) mimic activity of mononuclear Co(II) complexes derived from aminoalcohols: an experimental and theoretical approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 8740-8751.	2.0	2
3	Efficient adsorption and facile photocatalytic degradation of organic dyes over H-bonded proton-transfer complex: An experimental and theoretical approach. <i>Journal of Molecular Liquids</i> , 2022, 347, 117951.	2.3	16
4	Metal organic frameworks (MOFs) as a cutting-edge tool for the selective detection and rapid removal of heavy metal ions from water: Recent progress. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106991.	3.3	51
5	Iron (III) complex exhibiting efficient catechol oxidase activity: Experimental, kinetic and theoretical approach. <i>Journal of Molecular Structure</i> , 2022, 1252, 131685.	1.8	7
6	State of the art developments and prospects of metal-organic frameworks for energy applications. <i>Dalton Transactions</i> , 2022, 51, 1675-1723.	1.6	11
7	AIE based luminescent porous materials as cutting-edge tool for environmental monitoring: State of the art advances and perspectives. <i>Coordination Chemistry Reviews</i> , 2022, 463, 214539.	9.5	40
8	Butterfly-like Heteronuclear 3d-4f Metal Clusters: Synthesis, Structures, Magnetic Properties, and Magnetocaloric Effect. <i>Crystal Growth and Design</i> , 2022, 22, 608-614.	1.4	10
9	Amine- and Imine-Functionalized Mn-Based MOF as an Unusual Turn-On and Turn-Off Sensor for <sup>10</sup> Heavy Metal Ions and an Efficient Adsorbent to Capture Iodine. <i>Crystal Growth and Design</i> , 2022, 22, 3277-3294.	1.4	29
10	Heterometallic decanuclear [Fe <sub>6</sub> -Ln <sub>4</sub> ] coordination clusters with enzymatic mimic activity: Synthesis, structures, magnetic properties, and evaluation of catecholase activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	6
11	Metal organic frameworks as a versatile platform for the radioactive iodine capture: State of the art developments and future prospects. <i>Inorganica Chimica Acta</i> , 2022, 539, 121026.	1.2	9
12	Exploiting one dimensional polymer for environmental monitoring: Co based coordination polymer for efficient removal of cationic dyes. <i>Journal of Solid State Chemistry</i> , 2022, , 123307.	1.4	5
13	A new {Cu <sub>3</sub> -Gd <sub>2</sub> } cluster as a two-in-one functional material with unique topology acting as a refrigerant and adsorbent for cationic dye. <i>CrystEngComm</i> , 2022, 24, 5215-5225.	1.3	3
14	Aggregation and Binding-Directed FRET Modulation of Conjugated Polymer Materials for Selective and Point-of-Care Monitoring of Serum Albumins. <i>Analytical Chemistry</i> , 2022, 94, 10685-10694.	3.2	24
15	Role of biologically important imidazole moiety on the antimicrobial and anticancer activity of Fe(III) and Mn(II) complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4037-4050.	2.0	22
16	Cationic dye adsorption and separation at discrete molecular level: first example of an iron cluster with rapid and selective adsorption of methylene blue from aqueous system. <i>New Journal of Chemistry</i> , 2021, 45, 1415-1422.	1.4	19
17	Effect of luteolin on the transgenic <i>Drosophila</i> model of Huntington's disease. <i>Computational Toxicology</i> , 2021, 17, 100148.	1.8	4
18	Throwing light on the current developments of two-dimensional metal-organic framework nanosheets (2D MONs). <i>Materials Advances</i> , 2021, 2, 4914-4944.	2.6	15

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19	Novel {Cu <sub>4</sub> } and {Cu <sub>4</sub> Cd <sub>6</sub> } clusters derived from flexible aminoalcohols: synthesis, characterization, crystal structures, and evaluation of anticancer properties. Dalton Transactions, 2021, 50, 11941-11953.	1.6	5
20	How to identify a smoker: a salient crystallographic approach to detect thiocyanate content. RSC Advances, 2021, 11, 16881-16891.	1.7	12
21	A new Zn(II) MOF assembled from metal-organic cubes (MOCs) as a highly efficient adsorbent for cationic dyes. CrystEngComm, 2021, 23, 2316-2325.	1.3	16
22	Ni(II)-Based one dimensional coordination polymers for environmental remediation: design, topology, magnetism and the selective adsorption of cationic dyes. CrystEngComm, 2021, 23, 6253-6266.	1.3	19
23	A Co(II) coordination polymer derived from pentaerythritol as an efficient photocatalyst for the degradation of organic dyes. Polyhedron, 2021, 196, 114984.	1.0	23
24	Lemongrass Extract Alleviates Oxidative Stress and Delayed the Loss of Climbing Ability in Transgenic Drosophila Model of Parkinson's Disease. Letters in Drug Design and Discovery, 2021, 18, 987-997.	0.4	2
25	Tuning biological activity in dinuclear Cu (II) complexes derived from pyrazine ligands: Structure, magnetism, catecholase, antimicrobial, antibiofilm, and antibreast cancer activity. Applied Organometallic Chemistry, 2021, 35, e6221.	1.7	5
26	Molecular designing, crystal structure determination and in silico screening of copper(II) complexes bearing 8-hydroxyquinoline derivatives as anti-COVID-19. Bioorganic Chemistry, 2021, 110, 104772.	2.0	40
27	Crystal structure, Hirshfeld and electronic transition analysis of 2-[(1 <i>H</i> -benzimidazol-1-yl)methyl]benzoic acid. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 755-758.	0.2	2
28	Amphiphilic core-shell magnetic adsorbents for efficient removal and detection of phthalate esters. Chemical Engineering Journal, 2021, 423, 129817.	6.6	30
29	Elucidating the contribution of solvent on the catecholase activity in a mononuclear Cu(II) system: An experimental and theoretical approach. Journal of Molecular Structure, 2021, 1244, 130878.	1.8	11
30	Engineered Fe <sub>3</sub> triangle for the rapid and selective removal of aromatic cationic pollutants: complexity is not a necessity. RSC Advances, 2021, 11, 2630-2642.	1.7	22
31	Facile synthesis, topological study, and adsorption properties of a novel Co (II)-based coordination polymer for adsorptive removal of methylene blue and methyl orange dyes. Polyhedron, 2021, 210, 115519.	1.0	48
32	Radioactive iodine capture by metal organic frameworks in liquid and vapour phases: An experimental, kinetic and mechanistic study. Journal of Environmental Chemical Engineering, 2021, 9, 106720.	3.3	29
33	Tetrazole Based Porous Metal Organic Framework (MOF): Topological Analysis and Dye Adsorption Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1935-1943.	1.9	50
34	Exploring solvent dependent catecholase activity in transition metal complexes: an experimental and theoretical approach. New Journal of Chemistry, 2020, 44, 1371-1388.	1.4	25
35	Anticancer properties, apoptosis and catecholase mimic activities of dinuclear cobalt(II) and copper(II) Schiff base complexes. Bioorganic Chemistry, 2020, 95, 103561.	2.0	40
36	Two dimensional (2D) molecular frameworks for rapid and selective adsorption of hazardous aromatic dyes from aqueous phase. Separation and Purification Technology, 2020, 238, 116413.	3.9	81

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37	Metal organic frameworks decorated with free carboxylic acid groups: topology, metal capture and dye adsorption properties. Dalton Transactions, 2020, 49, 14690-14705.	1.6	74
38	A two dimensional Co(II) metal-organic framework with bey topology for excellent dye adsorption and separation: Exploring kinetics and mechanism of adsorption. Inorganica Chimica Acta, 2020, 512, 119900.	1.2	37
39	A new antiferromagnetic Dy <sub>6</sub> oxido-material as a multifunctional aqueous phase sensor for picric acid as well as Fe <sup>3+</sup> ions. Materials Advances, 2020, 1, 3518-3531.	2.6	2
40	Heterometallic (3d-4f) Coordination Clusters with Unique Topology: Self-Assembly Synthesis, Structural Features, and Magnetic Properties. Crystal Growth and Design, 2020, 20, 6545-6554.	1.4	21
41	Synthesis, Characterization, and Catecholase Mimic Activity of a New 1D Cu(II) Polymer Constructed from Iminodiacetate. Journal of Structural Chemistry, 2020, 61, 533-540.	0.3	14
42	Efficient and selective adsorption and separation of methylene blue (MB) from mixture of dyes in aqueous environment employing a Cu(II) based metal organic framework. Inorganica Chimica Acta, 2020, 511, 119787.	1.2	52
43	A Zn-Based Fluorescent Coordination Polymer as Bifunctional Sensor: Sensitive and Selective Aqueous-Phase Detection of Picric Acid and Heavy Metal Ion. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4496-4509.	1.9	20
44	Catalytic activity of Mn(III) and Co(III) complexes: evaluation of catechol oxidase enzymatic and photodegradation properties. Research on Chemical Intermediates, 2020, 46, 2985-3006.	1.3	19
45	Synthesis, crystal structure, DFT calculations, molecular docking study and Hirshfeld surface analysis of alkoxido-bridged dinuclear iron(III) complex. Research on Chemical Intermediates, 2020, 46, 4155-4171.	1.3	15
46	Synthesis, characterization and DFT studies of water stable Cd(II) metal-organic clusters with better adsorption property towards the organic pollutant in waste water. Inorganica Chimica Acta, 2020, 512, 119872.	1.2	23
47	What triggers dye adsorption by metal organic frameworks? The current perspectives. Materials Advances, 2020, 1, 1575-1601.	2.6	126
48	Synthesis, characterization, antimicrobial and DNA binding properties of an organic charge transfer complex obtained from pyrazole and chloranilic acid. Bioorganic Chemistry, 2020, 99, 103779.	2.0	45
49	Exploring catecholase activity in dinuclear Mn(II) and Cu(II) complexes: an experimental and theoretical approach. New Journal of Chemistry, 2020, 44, 7998-8009.	1.4	23
50	A novel sustainable metal organic framework as the ultimate aqueous phase sensor for natural hazards: detection of nitrobenzene and F <sup>-</sup> at the ppb level and rapid and selective adsorption of methylene blue. CrystEngComm, 2020, 22, 3891-3909.	1.3	50
51	A novel self-assembled Na <sub>2</sub> [Cu <sub>12</sub> Zn <sub>4</sub> ] multifunctional material: first report of a discrete coordination compound for detection of Ca <sup>2+</sup> ions and selective adsorption of cationic dyes in water. Dalton Transactions, 2020, 49, 3423-3433.	1.6	13
52	A New Polyoxovanadate Based Hybrid Materials: A Promising Sensor for Picric Acid and Pd <sup>2+</sup> Found in the Aqueous Environment. , 2020, , 149-193.		0
53	Effect of Cabergoline on Cognitive Impairments in Transgenic Drosophila Model of Parkinson's Disease. Letters in Drug Design and Discovery, 2020, 17, 1261-1269.	0.4	2
54	Synthesis, structure and DNA binding properties of a homodinuclear Cu(II) complex: An experimental and theoretical approach. Journal of Molecular Structure, 2019, 1176, 283-289.	1.8	24

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55	Synthesis, spectral and crystallographic study, DNA binding and molecular docking studies of homodinuclear Co(II) and Ni(II) complexes. <i>Journal of Molecular Structure</i> , 2019, 1175, 889-899.	1.8	36
56	Zein film functionalized with gold nanoparticles and the factors affecting its mechanical properties. <i>RSC Advances</i> , 2019, 9, 25184-25188.	1.7	4
57	Three-in-one is really better: exploring the sensing and adsorption properties in a newly designed metal-organic system incorporating a copper(II) ion. <i>Dalton Transactions</i> , 2019, 48, 12918-12932.	1.6	69
58	Topology, magnetism and dye adsorption properties of metal organic frameworks (MOFs) synthesized from bench chemicals. <i>CrystEngComm</i> , 2019, 21, 5299-5309.	1.3	66
59	Synthesis, characterization, theoretical studies and catecholase like activities of [MO <sub>6</sub> ] type complexes. <i>New Journal of Chemistry</i> , 2019, 43, 14074-14083.	1.4	25
60	Synthesis, crystal structures, photoluminescence, magnetic and antioxidant properties, and theoretical analysis of Zn(II) and Cu(II) complexes of an aminoalcohol ligand supported by benzoate counter anions. <i>New Journal of Chemistry</i> , 2019, 43, 622-633.	1.4	26
61	Unprecedented isolation of a dinuclear tin (II) complex stabilized by pyridine-2,6-dimethanol: structure, DFT and in vitro screening of cytotoxic properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5006.	1.7	13
62	Cu(II) MOFs Based on Bipyridyls: Topology, Magnetism, and Exploring Sensing Ability toward Multiple Nitroaromatic Explosives. <i>ACS Omega</i> , 2019, 4, 7738-7749.	1.6	58
63	A combined experimental and theoretical approach to investigate the structure, magnetic properties and DNA binding affinity of a homodinuclear Cu(II) complex. <i>New Journal of Chemistry</i> , 2019, 43, 7511-7519.	1.4	23
64	Fe <sub>6</sub> clusters of tripodal alcohol ligands: Synthesis, structures and magnetostructural properties. <i>Polyhedron</i> , 2019, 163, 131-143.	1.0	2
65	Crystal Engineering and Magnetostructural Properties of Newly Designed Azide/Acetate-Bridged Mn <sub>12</sub> Coordination Polymers. <i>Crystal Growth and Design</i> , 2019, 19, 2366-2379.	1.4	4
66	Design and Characterization of a Cu(II) Coordination Polymer Based on $\hat{\pm}$ -Diimine: Evaluation of the Biomimetic Activity. <i>Journal of Structural Chemistry</i> , 2019, 60, 1833-1841.	0.3	20
67	A Dinuclear Paddle-Wheel Cu(II) Complex [Cu <sub>2</sub> (L) <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> ] $\cdot$ 2H <sub>2</sub> O [HL=2-(Methoxycarbonyl)Benzoic acid]. <i>Journal of Molecular Structure</i> , 2019, 60, 1971-1982.	0.3	3
68	Therapeutic potential of luteolin in transgenic <i>Drosophila</i> model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2019, 692, 90-99.	1.0	63
69	Life sensors: current advances in oxygen sensing by lanthanide complexes. <i>New Journal of Chemistry</i> , 2019, 43, 1094-1116.	1.4	18
70	Light Fastness and Shade Variability of Tannin Colorant Dyed Wool with the Effect of Mordanting Methods. <i>Journal of Natural Fibers</i> , 2019, 16, 100-113.	1.7	30
71	Simultaneous shade development, antibacterial, and antifungal functionalization of wool using <i>Punica granatum</i> L. Peel extract as a source of textile dye. <i>Journal of Natural Fibers</i> , 2019, 16, 555-566.	1.7	24
72	Synthesis, molecular docking and DNA binding studies of phthalimide-based copper(II) complex: In vitro antibacterial, hemolytic and antioxidant assessment. <i>Journal of Molecular Structure</i> , 2018, 1160, 142-153.	1.8	44

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73	Synthesis, structure and magnetic studies of lanthanide metal-organic frameworks (Ln-MOFs): Aqueous phase highly selective sensors for picric acid as well as the arsenic ion. <i>Polyhedron</i> , 2018, 139, 131-141.	1.0	34
74	Spectroscopic investigations on La <sup>3+</sup> , Pr <sup>3+</sup> , Nd <sup>3+</sup> and Gd <sup>3+</sup> complexes with a multidentate ligating system: Luminescence properties and biological activities. <i>Journal of Molecular Structure</i> , 2018, 1173, 918-930.	1.8	5
75	Structural characterization, magnetic studies, and catecholase-like activities of Mn <sub>12</sub> clusters. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2118-2145.	0.8	9
76	Experimental and theoretical characterization of organic salt: 2-((4-bromophenyl)amino) pyrido[1,2-a] quinoxalin-11-ium bromide monohydrate synthesized via oxidative cyclization. <i>Journal of Molecular Structure</i> , 2018, 1156, 457-464.	1.8	20
77	Design, structures and study of non-covalent interactions of mono-, di-, and tetranuclear complexes of a bifurcated quadridentate tripod ligand, N-(aminopropyl)-diethanolamine. <i>New Journal of Chemistry</i> , 2017, 41, 1959-1972.	1.4	27
78	Aminoalcohols and benzoates-friends or foes? Tuning nuclearity of Cu(II) complexes, studies of their structures, magnetism, and catecholase-like activities as well as performing DFT and TDDFT studies. <i>Dalton Transactions</i> , 2017, 46, 9801-9823.	1.6	47
79	Spectral characterization, crystal structures and biological activities of iminodiacetate ternary complexes. <i>Journal of Molecular Structure</i> , 2017, 1146, 424-431.	1.8	9
80	Design, Structural Characterization and Catalytic Activity of Incomplete Dicubane Clusters of N-Substituted Diethanolamines. <i>Journal of Cluster Science</i> , 2017, 28, 1355-1377.	1.7	4
81	New phthalimide-appended Schiff bases: Studies of DNA binding, molecular docking and antioxidant activities. <i>Luminescence</i> , 2017, 32, 829-838.	1.5	9
82	A disc-like Co <sub>7</sub> cluster with a solvent dependent catecholase activity. <i>New Journal of Chemistry</i> , 2017, 41, 14057-14061.	1.4	17
83	New hybrid polyoxovanadate-Cu complex with H interactions and dual aqueous-phase sensing properties for picric acid and Pd <sup>2+</sup> : X-ray analysis, magnetic and theoretical studies, and mechanistic insights into the hybrid's sensing capabilities. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9315-9330.	2.7	22
84	Synthesis and spectral characterization of 2-((2-hydroxybenzylidene)amino)-2-methylpropane-1,3-diol derived complexes: Molecular docking and antimicrobial studies. <i>Journal of Molecular Structure</i> , 2017, 1127, 479-488.	1.8	8
85	Structurally well-characterized new multinuclear Cu(II) and Zn(II) clusters: X-ray crystallography, theoretical studies, and applications in catalysis. <i>New Journal of Chemistry</i> , 2016, 40, 9840-9852.	1.4	27
86	Synthesis, crystal structures and spectral characterization of Cu(II) and Mn(II) complexes of 4-hydroxy-3-methoxybenzaldehyde: antioxidant properties and molecular docking studies. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3336-3353.	0.8	1
87	Isolation of proton transfer complexes containing 4-picolinium as cation and pyridine-2,6-dicarboxylate complex as anion: crystallographic and spectral investigations, antioxidant activities and molecular docking studies. <i>RSC Advances</i> , 2016, 6, 11088-11098.	1.7	33
88	Synthesis, Spectral Characterization, X-ray and Magnetic Studies of Oxo-bridged Tetranuclear Coordination Polymers of Cobalt. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 178-189.	1.9	7
89	Syntheses, crystal structures, and genotoxic studies of cis-μ <sub>1,2</sub> -peroxo dicobalt(III) complexes. <i>Journal of Coordination Chemistry</i> , 2015, 68, 848-862.	0.8	5
90	2,2,6,6-Tetrabromo-3,4,4,5-tetramethoxycyclohexanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o826-o826.	0.2	0

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91	N1-[(1H-Imidazol-2-yl)methylidene]-N4-phenylbenzene-1,4-diamine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o806-o806.	0.2	4
92	Crystal structure of N <sup>1</sup> -phenyl-N <sup>4</sup> -[(quinolin-2-yl)methylidene]benzene-1,4-diamine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o905-o906.	0.2	4
93	Isolation of a Decavanadate Cluster [H <sub>2</sub> V <sub>10</sub> O <sub>28</sub> ][4-picH]4·2H <sub>2</sub> O (4-pic=4-picoline): Crystal Structure, Electrochemical Characterization, Genotoxic and Antimicrobial Studies. Journal of Cluster Science, 2014, 25, 1435-1447.	1.7	15
94	Designing and characterization of Fe(III) complexes of oxydiacetate containing $\hat{\pm}$ -diimine as auxiliary ligand: 57Fe-Mössbauer and cyclic voltammetric studies. Journal of Molecular Structure, 2014, 1063, 313-319.	1.8	6
95	Synthesis, crystal structure and magnetic studies of tetranuclear hydroxo and ligand bridged [Co <sub>4</sub> ( $\hat{\pm}$ -OH) <sub>2</sub> ( $\hat{\pm}$ -dea) <sub>2</sub> (L) <sub>4</sub> Cl·8H <sub>2</sub> O [L = 2,2'-bipyridine or 1,10-phenanthroline] complexes with mixed valence defect dicubane core. Dalton Transactions, 2013, 42, 9513.		27
96	Synthesis and characterization of homo-dinuclear complexes [M <sub>2</sub> (dea) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ], [M <sub>2</sub> (dea) <sub>2</sub> (Bipy) <sub>2</sub> ] and [Fe <sub>2</sub> (dea) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> (Cl) <sub>2</sub> ] (M=Co, Ni or Cu; H <sub>2</sub> dea=diethanolamine): 57Fe Mössbauer and electrochemical investigations. Journal of Molecular Structure, 2013, 1036, 209-215.	1.8	6
97	Synthesis, structural characterization, DNA binding studies and antitumor properties of tin(II)-oxydiacetate complexes containing $\hat{\pm}$ -diimine as auxiliary ligand. Journal of Photochemistry and Photobiology B: Biology, 2013, 125, 171-178.	1.7	14
98	H-bonded supramolecular assembly via proton transfer: Isolation, X-ray crystallographic characterization and SOD mimic activity of [Cu(dipic) <sub>2</sub> ][PA-H] <sub>4</sub> ·5H <sub>2</sub> O. Journal of Molecular Structure, 2013, 1033, 98-103.	1.8	4
99	Superoxide scavenging and antimicrobial activities of novel transition metal complexes of oxydiacetate dianion as primary ligand: Spectral characterization, cyclic voltammetric investigations and crystal structure. European Journal of Medicinal Chemistry, 2012, 57, 102-111.	2.6	34
100	Novel decavanadate cluster complexes [H <sub>2</sub> V <sub>10</sub> O <sub>28</sub> ][LH] <sub>4</sub> ·nH <sub>2</sub> O (L=Imidazole, n=2 or 2-methylimidazole, Tj ETQqO 0 0 rgBT /Overlock 86-91.	1.8	15
101	Crystal Structure of a Mixed-Ligand Cu(II) Complex Forming Supramolecular Assembly via an Extensive H-Bonding and Ring-Ring Interactions. Journal of Chemical Crystallography, 2012, 42, 1042-1045.	0.5	0
102	Structural, electrochemical characterization and SOD mimic activities of 1D chain or 3D network encouraged by unique $\hat{\pm}$ -bridging by adipate ion in mixed ligand complexes containing $\hat{\pm}$ -diimine as auxiliary ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 280-289.	2.0	19
103	Synthesis, spectral characterizations and biological studies of transition metal mixed ligand complexes: X-ray crystal structures of [Cu(oda)(Bipy)(H <sub>2</sub> O)] <sub>4</sub> ·4H <sub>2</sub> O and [VO(oda)(Bipy)] <sub>2</sub> ·2H <sub>2</sub> O. Journal of Molecular Structure, 2011, 994, 295-301.	1.8	34
104	Spectral, thermal and electrochemical characterization of novel homo-dinuclear complexes [M <sub>2</sub> (H <sub>3</sub> DTPA)(H <sub>2</sub> O) <sub>6</sub> Cl <sub>2</sub> ·xH <sub>2</sub> O (M=Cr <sup>2+</sup> , Mn <sup>2+</sup> , Co <sup>2+</sup> , Ni <sup>2+</sup> or Cu <sup>2+</sup> ). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1386-1391.	2.0	6
105	Antimicrobial and SOD activities of novel transition metal complexes of pyridine-2,6-dicarboxylic acid containing 4-picoline as auxiliary ligand. European Journal of Medicinal Chemistry, 2010, 45, 264-269.	2.6	123
106	Synthesis, physico-chemical and spectral investigations of novel homo-bimetallic mixed-ligand complexes: 57Fe Mössbauer parameters of [Fe <sub>2</sub> (imda) <sub>2</sub> (H <sub>2</sub> O) <sub>3</sub> Cl]. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 61-68.	2.0	17
107	Synthesis, crystal structure and in vitro antitumor activity of carboxylate bridged dinuclear organotin(IV) complexes. Journal of Organometallic Chemistry, 2009, 694, 3768-3774.	0.8	43
108	Spectral studies of Fe(III) complexes of dipodal tridentate chelating agents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 71, 1845-1850.	2.0	10

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109	Synthesis and spectral investigations of mononuclear [N6], [N8] and dinuclear [N10] complexes of polyamide macrocycles: $^{57}\text{Fe}$ Mössbauer parameters of Fe(III) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 616-620.	2.0	7
110	Novel homo-bimetallic complexes of [N10] macrocyclic ligand modified with tetrapeptide function: Biological activities, spectral and cyclic voltammetric studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 970-974.	2.0	9
111	Spectroscopic and antimicrobial studies of $\text{La}^{3+}$ , $\text{Pr}^{3+}$ , $\text{Nd}^{3+}$ and $\text{Gd}^{3+}$ complexes of a dipodal [N,N,N] chelating ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 391-397.	2.0	16
112	Antimicrobial and SOD activities of novel transition metal ternary complexes of iminodiacetic acid containing $\pm$ -diimine as auxiliary ligand. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2517-2522.	2.6	56
113	Methionine anation of aquachromium(III). <i>Transition Metal Chemistry</i> , 1991, 16, 18-22.	0.7	4
114	Postsynthetic Modification (PSM) in Metal-Organic Frameworks (MOFs): Icing on the Cake. <i>ACS Symposium Series</i> , 0, , 83-115.	0.5	3
115	Improving Water Quality Using Metal-Organic Frameworks. <i>ACS Symposium Series</i> , 0, , 171-191.	0.5	8