

# Alaa Em Ali

## List of Publications by Year in descending order

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40  
papers

895  
citations

516710

16  
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477307

29  
g-index

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40  
docs citations

40  
times ranked

820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, computational, spectroscopic, thermal and antimicrobial activity studies on some metal-urate complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 90, 93-108.	3.9	94
2	Solvatochromic behavior of the electronic absorption spectra of some azo derivatives of amino pyridines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 3155-3159.	3.9	70
3	Spectroscopic studies on some azo compounds and their cobalt, copper and nickel complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2807-2817.	3.9	67
4	Synthesis and spectroscopic characterization of gallic acid and some of its azo complexes. <i>Journal of Molecular Structure</i> , 2012, 1014, 17-25.	3.6	63
5	Synthesis and Characterization of New Azopyrimidine Complexes. <i>Journal of Coordination Chemistry</i> , 2003, 56, 725-742.	2.2	45
6	Complexing properties of nucleic-acid constituents adenine and guanine complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1907-1915.	3.9	43
7	Solvent and substituent effects on spectroscopical changes of some diazoaminobenzene derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 3102-3107.	3.9	36
8	Spectroscopic studies on gallic acid and its azo derivatives and their iron(III) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 505-511.	3.9	34
9	Synthesis and Characterization of Amino Alcohol Complexes. <i>Journal of Coordination Chemistry</i> , 2002, 55, 153-178.	2.2	33
10	Rice husk and activated carbon for waste water treatment of El-Mex Bay, Alexandria Coast, Egypt. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1590-S1596.	4.9	32
11	Studies on transition metal murexide complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 84, 549-555.	3.6	26
12	Solvatochromic behavior of the electronic absorption spectra of gallic acid and some of its azo derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 256-264.	3.9	24
13	Effect of cadmium and zinc ethanolamine complexes on rat brain monoamine oxidase-B activity in vitro. <i>Journal of Inorganic Biochemistry</i> , 2003, 95, 141-148.	3.5	21
14	Synthesis, spectral, thermal and antimicrobial studies of some new tri metallic biologically active ceftriaxone complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 224-230.	3.9	20
15	Spectral, coordination and thermal properties of 5-arylidene thiobarbituric acids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 107, 179-187.	3.9	20
16	STUDIES ON SOME THIAZOLYLAZO COMPOUNDS AND THEIR COBALT, NICKEL, AND COPPER COMPLEXES. <i>Spectroscopy Letters</i> , 2002, 35, 377-413.	1.0	19
17	Modeling climatic effect on physiochemical parameters and microorganisms of Stabilization Pond Performance. <i>Heliyon</i> , 2020, 6, e04005.	3.2	17
18	Synthesis, characterization, spectral, thermal analysis and biological activity studies of metronidazole complexes. <i>Journal of Molecular Structure</i> , 2019, 1176, 673-684.	3.6	16

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19	Dielectric relaxation spectroscopy of heteronuclear cobalt(II)–copper(II) complex of 1-phenyl-3-methyl-5-pyrazolone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1114-1119.	3.9	14
20	MP2 and DFT theoretical studies of the geometry, vibrational and electronic absorption spectra of 2-aminopyrimidine. <i>Research on Chemical Intermediates</i> , 2013, 39, 2741-2761.	2.7	14
21	Thermal properties of mercury(II) and palladium(II) purine and pyrimidine complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 183-194.	3.6	14
22	Electron Paramagnetic Resonance and Magnetic Behaviour of Ethanolamine Complexes. <i>Spectroscopy Letters</i> , 1998, 31, 901-911.	1.0	12
23	Solvatochromaticity and pH dependence of the electronic absorption spectra of some purines and pyrimidines and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 538-547.	3.9	12
24	Chelating behavior of 3-amino-4,6-dimethyl-1H-pyrazolo[3,4-b]pyridine ligand towards some metal ions, spectral and thermal measurements as well as molecular modeling and biological studies. <i>Journal of Molecular Structure</i> , 2020, 1202, 127172.	3.6	12
25	Spectral studies and thermal analysis of new vanadium complexes of ethanolamine and related compounds. <i>Journal of Molecular Structure</i> , 2013, 1050, 43-52.	3.6	11
26	Molecular structure of amino alcohols on aluminum surface. <i>Journal of Molecular Structure</i> , 2014, 1063, 51-59.	3.6	11
27	Structural, spectral and thermal analysis of some metallocephradines. <i>Journal of Molecular Structure</i> , 2015, 1099, 359-372.	3.6	11
28	Spectral, thermal studies and biological activity of pyrazinamide complexes. <i>Heliyon</i> , 2019, 5, e02912.	3.2	11
29	Evaluation of the water quality and the eutrophication risk in Mediterranean sea area: A case study of the Port Said Harbour, Egypt. <i>Environmental Challenges</i> , 2022, 7, 100484.	4.2	11
30	Dielectric spectroscopy of some heteronuclear amino alcohol complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 127-132.	3.9	10
31	Structural and thermal studies on some morpholine complexes. <i>Journal of Molecular Structure</i> , 2019, 1175, 648-662.	3.6	10
32	Thermal and electrical conductivity properties of some Cr(III), Mn(II) and amino alcohol complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 75, 51-61.	3.6	9
33	Synthesis, spectral, computational and thermal analysis studies of metalloceftriaxone antibiotic. <i>Journal of Molecular Structure</i> , 2015, 1084, 259-273.	3.6	9
34	Synthesis, spectral, computational and thermal analysis studies of metallocefotaxime antibiotics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 363-377.	3.9	9
35	Solvation and equilibrium studies of some compounds containing azo and nitroso chromophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1417-1425.	3.9	8
36	Synthesis, spectroscopic, biological activity and thermal characterization of ceftazidime with transition metals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 458-466.	3.9	8

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37	Synthesis, molecular spectroscopy and thermal analysis of some cefepime complexes. Journal of Molecular Structure, 2016, 1107, 189-201.	3.6	7
38	Dielectric properties of some cadmium and mercury amino alcohol complexes at low temperatures. Journal of the Serbian Chemical Society, 2002, 67, 833-842.	0.8	7
39	Spectroscopic behavior and equilibrium studies of some metallocephalosporins. Journal of Molecular Liquids, 2016, 224, 914-929.	4.9	3
40	Structural and thermal analysis of some imipramine complexes. Materials Today: Proceedings, 2021, 45, 3692-3698.	1.8	2