Khairia M Al-Ahmary

List of Publications by Year in Descending Order

25 papers	427 citations	12 h-index	20 g-index
25 ext. papers	481 ext. citations	3.6 avg, IF	4.23 L-index

#	Paper	IF	Citations
25	Synthesis, spectroscopic studies and DFT/TD-DFT/PCM calculations of molecular structure, spectroscopic characterization and NBO of charge transfer complex between 5-amino-1,3-dimethylpyrazole (5-ADMP) with chloranilic acid (CLA) in different solvents. *Journal of*	6	37
24	Synthesis, spectroscopic characterization and DFT/TD-DFT computations of a novel charge transfer complex via hydrogen bonding between 3-amino-1,5-dimethylpyrazole with chloranilic acid in different solvents. *Journal of Molecular Structure*, **2019**, 1181, 48-60	3.4	8
23	Charge transfer complex between 2,3-diaminopyridine with chloranilic acid. Synthesis, characterization and DFT, TD-DFT computational studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 196, 247-255	4.4	27
22	Spectroscopic characterisation and structural modelling of new hydrogen-bonded charge transfer complex between picric acid and 3-aminoquinoline. *Physics and Chemistry of Liquids*, **2018**, 56, 110-123	1.5	3
21	Synthesis, spectrophotometric characterization and DFT computational study of a novel quinoline derivative, 2-amino-4-(2,4,6-trinitrophenylamino)-quinoline-3-carbonitrile. *Journal of Molecular Liquids*, **2018**, 249, 501-510	6	20
20	Bioremoval of toxic dye by using different marine macroalgae. *Turkish Journal of Botany*, **2018**, 42, 15-27	1.3	32
19	Synthesis, spectral studies and DFT computational analysis of hydrogen bonded-charge transfer complex between chloranilic acid with 2,4-diamino-quinoline-3-carbonitrile in different polar solvents. *Journal of Molecular Liquids*, **2017**, 231, 602-619	6	31
18	Spectral analysis and DFT computations of the hydrogen bonded complex between 2,6-diaminopyridine with 2,6-dichloro-4-nitrophenol in different solvents. *Journal of Molecular Structure*, **2017**, 1143, 31-41	3.4	12
17	Spectrophotometric study on the charge transfer reaction between 2-amino-4-methylpyridine with chloranilic acid in polar solvents. *Physics and Chemistry of Liquids*, **2016**, 54, 394-410	1.5	6
16	Spectrophotometric study on the proton transfer reaction between 2-amino-4-methylpyridine with 2,6-dichloro-4-nitrophenol in methanol, acetonitrile and the binary mixture 50% methanol+50% acetonitrile. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 154, 135-144	4.4	10
15	Synthesis, spectroscopic and DFT theoretical studies on the hydrogen bonded charge transfer complex of 4-aminoquinoline with chloranilic acid. *Journal of Molecular Liquids*, **2016**, 220, 166-182	6	46
14	Spectroscopic investigation and computational analysis of charge transfer hydrogen bonded reaction between 3-aminoquinoline with chloranilic acid in 1:1 stoichiometric ratio. *Journal of Molecular Structure*, **2015**, 1098, 377-392	3.4	11
13	Spectroscopic characterization of charge transfer complexes of 2,3-diaminopyridine with chloranilic acid and dihydroxy-p-benzoquinone in polar solvent. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 117, 635-44	4.4	10
12	Spectroscopic characterization of hydrogen-bonded proton transfer complex between 4-aminopyridine with 2,6-dichloro-4-nitrophenol in different solvents and solid state. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 126, 260-9	4.4	13
11	Synthesis and spectroscopic studies of charge transfer complex between dihydroxy-p-benzoquinone and 4-dimethylaminopyridine in different solvents. *Physics and Chemistry of Liquids*, **2014**, 52, 234-250	1.5	4
10	Synthesis, characterization, mixed-ligand complex formation reactions, and equilibrium studies of Co(II) with 2,2?-dipyridylamine and some selected biorelevant ligands. *Monatshefte F Chemie*, **2013**, 144, 1117-1127	1.4	
9	Spectrophotometric study on the charge-transfer reaction between 4-aminopyridine with 2,5-dihydroxy-p-benzoquinone in methanol and the binary mixture 50% acetonitrile + 50% 1,4-dioxane (v/v). *Physics and Chemistry of Liquids*, **2013**, 51, 621-634	1.5	5

8	Spectrophotometric study of the proton transfer equilibrium between 2-aminopyridine with 2,4-dinitrophenol in methanol. *Physics and Chemistry of Liquids*, **2013**, 51, 131-141	1.5	7
7	Spectroscopic studies and molecular orbital calculations on the charge transfer reaction between DDQ and 2-aminopyridine. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 110, 343-50	4.4	23
6	Spectroscopic studies of the hydrogen bonded charge transfer complex of 2-aminopyridine with acceptor chloranilic acid in different polar solvents. *Journal of Molecular Liquids*, **2011**, 162, 129-134	6	47
5	Spectroscopic investigation on proton transfer reaction in the complex of 2-aminopyridine with 2, 6-dichloro-4-nitrophenol in different solvents. *Journal of Molecular Liquids*, **2011**, 158, 161-165	6	16
4	The carotenoids of some food stuffs in Saudi Arabia. *International Journal of Food Sciences and Nutrition*, **2010**, 61, 823-8	3.7	2
3	Spectroscopic and Thermodynamic Studies on Charge Transfer Complex Formation between 2-Aminopyridine and 2,5-Dihydroxy-p-benzoquinone. *Journal of Solution Chemistry*, **2010**, 39, 1264-1277	1.8	17
2	Selenium content in selected foods from the Saudi Arabia market and estimation of the daily intake. *Arabian Journal of Chemistry*, **2009**, 2, 95-99	5.9	39
1	Retention profile of cadmium and lead ions from aqueous solutions onto some selected local solid sorbents. *Journal of Taibah University for Science*, **2009**, 2, 52-61	3	1