

Khairia M Al-Ahmary

List of Publications by Year in descending order

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25
papers

530
citations

686830

13
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642321

23
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25
docs citations

25
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Molecular Liquids</i> , 2019, 277, 453-470.	2.3	58
2	Spectroscopic studies of the hydrogen bonded charge transfer complex of 2-aminopyridine with π -acceptor chloranilic acid in different polar solvents. <i>Journal of Molecular Liquids</i> , 2011, 162, 129-134.	2.3	57
3	Synthesis, spectroscopic and DFT theoretical studies on the hydrogen bonded charge transfer complex of 4-aminoquinoline with chloranilic acid. <i>Journal of Molecular Liquids</i> , 2016, 220, 166-182.	2.3	53
4	Bioremoval of toxic dye by using different marine macroalgae. <i>Turkish Journal of Botany</i> , 2018, 42, 15-27.	0.5	51
5	Selenium content in selected foods from the Saudi Arabia market and estimation of the daily intake. <i>Arabian Journal of Chemistry</i> , 2009, 2, 95-99.	2.3	43
6	Charge transfer complex between 2,3-diaminopyridine with chloranilic acid. Synthesis, characterization and DFT, TD-DFT computational studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 247-255.	2.0	39
7	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. <i>Journal of Molecular Liquids</i> , 2017, 231, 602-619.	2.3	36
8	Spectroscopic studies and molecular orbital calculations on the charge transfer reaction between DDQ and 2-aminopyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 110, 343-350.	2.0	26
9	Synthesis, spectrophotometric characterization and DFT computational study of a novel quinoline derivative, 2-amino-4-(2,4,6-trinitrophenylamino)-quinoline-3-carbonitrile. <i>Journal of Molecular Liquids</i> , 2018, 249, 501-510.	2.3	25
10	Spectroscopic and Thermodynamic Studies on Charge Transfer Complex Formation between 2-Aminopyridine and 2,5-Dihydroxy-p-benzoquinone. <i>Journal of Solution Chemistry</i> , 2010, 39, 1264-1277.	0.6	18
11	Spectroscopic investigation on proton transfer reaction in the complex of 2-aminopyridine with 2,6-dichloro-4-nitrophenol in different solvents. <i>Journal of Molecular Liquids</i> , 2011, 158, 161-165.	2.3	17
12	Spectral analysis and DFT computations of the hydrogen bonded complex between 2,6-diaminopyridine with 2,6-dichloro-4-nitrophenol in different solvents. <i>Journal of Molecular Structure</i> , 2017, 1143, 31-41.	1.8	15
13	Spectroscopic characterization of charge transfer complexes of 2,3-diaminopyridine with chloranilic acid and dihydroxy-p-benzoquinone in polar solvent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 635-644.	2.0	14
14	Spectroscopic characterization of hydrogen-bonded proton transfer complex between 4-aminopyridine with 2,6-dichloro-4-nitrophenol in different solvents and solid state. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 260-269.	2.0	14
15	Spectroscopic investigation and computational analysis of charge transfer hydrogen bonded reaction between 3-aminoquinoline with chloranilic acid in 1:1 stoichiometric ratio. <i>Journal of Molecular Structure</i> , 2015, 1098, 377-392.	1.8	12
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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 154, 135-144.	2.0	10
17	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. <i>Journal of Molecular Structure</i> , 2019, 1181, 48-60.	1.8	10
18	Spectrophotometric study of the proton transfer equilibrium between 2-aminopyridine with 2,4-dinitrophenol in methanol. <i>Physics and Chemistry of Liquids</i> , 2013, 51, 131-141.	0.4	8

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19	Spectrophotometric study on the charge transfer reaction between 2-amino-4-methylpyridine with chloranilic acid in polar solvents. <i>Physics and Chemistry of Liquids</i> , 2016, 54, 394-410.	0.4	6
20	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). <i>Physics and Chemistry of Liquids</i> , 2013, 51, 621-634.	0.4	5
21	Synthesis and spectroscopic studies of charge transfer complex between dihydroxy- <i>p</i> -benzoquinone and 4-dimethylaminopyridine in different solvents. <i>Physics and Chemistry of Liquids</i> , 2014, 52, 234-250.	0.4	5
22	The carotenoids of some food stuffs in Saudi Arabia. <i>International Journal of Food Sciences and Nutrition</i> , 2010, 61, 823-828.	1.3	3
23	Spectroscopic characterisation and structural modelling of new hydrogen-bonded charge transfer complex between picric acid and 3-aminoquinoline. <i>Physics and Chemistry of Liquids</i> , 2018, 56, 110-123.	0.4	3
24	Retention profile of cadmium and lead ions from aqueous solutions onto some selected local solid sorbents. <i>Journal of Taibah University for Science</i> , 2009, 2, 52-61.	1.1	2
25	Synthesis, characterization, mixed-ligand complex formation reactions, and equilibrium studies of Co(II) with 2,2'-dipyridylamine and some selected biorelevant ligands. <i>Monatshefte für Chemie</i> , 2013, 144, 1117-1127.	0.9	0