

# Reem M Alghanmi

## List of Publications by Citations

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18  
papers

185  
citations

8  
h-index

13  
g-index

19  
ext. papers

218  
ext. citations

4  
avg, IF

3.74  
L-index

#	Paper	IF	Citations
18	Electronic spectral studies and DFT computational analysis of hydrogen bonded charge transfer complexes between chloranilic acid and 2,5-dihydroxy-p-benzoquinone with 2-amino-4-methylbenzothiazole in methanol. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 256, 433-444	6	33
17	Spectral and solvation effect studies on charge transfer complex of 2, 6-diaminopyridine with chloranilic acid. <i>Journal of Molecular Liquids</i> , <b>2013</b> , 181, 20-28	6	27
16	Synthesis, spectroscopic, thermal, structural characterization and DFT/TD-DFT computational studies for charge transfer complexes of 2,4-diamino pyrimidine with some benzoquinone acceptors. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 309, 113210	6	22
15	Synthesis, structural characterization, DFT calculations, biological investigation, molecular docking and DNA binding of Co(II), Ni(II) and Cu(II) nanosized Schiff base complexes bearing pyrimidine moiety. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1183, 298-312	3.4	21
14	Spectrophotometric study of the charge transfer complex between 2-amino-4-picoline with chloranilic acid. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1034, 223-232	3.4	16
13	Spectrophotometric Study of Intermolecular Hydrogen Bonds and Proton Transfer Complexes Between 1,2-Dihydroxyanthraquinone and Some Aliphatic Amines in Methanol and Acetonitrile. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 930-936	2.8	11
12	Synthesis, and spectroscopic, nanostructure, surface morphology, and density functional theory studies of new charge-transfer complexes of amifampridine with Æceptors. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 326, 115199	6	9
11	Synthesis, DNA binding and complex formation reactions of 3-amino-5,6-dimethyl-1,2,4-triazine with Pd(II) and some selected biorelevant ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 138, 932-41	4.4	8
10	Physicochemical studies on proton transfer reaction between methyl[5-(propylthio)-1H-benzimidazole-2-yl]carbamate (albendazole, ABZ) with 2,4,6-trinitrophenol (picric acid, PA) in chloroform. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1176, 825-837	3.4	7
9	Spectroscopic studies on the proton transfer reactions of 4-hydroxy-2-oxo-1,2-dihydroquinolin-3-carbonitrile with different amines in acetonitrile. <i>Journal of Molecular Liquids</i> , <b>2012</b> , 167, 78-85	6	6
8	ICP-OES Determination of Trace Metal Ions after Preconcentration Using Silica Gel Modified with 1,2-Dihydroxyanthraquinone. <i>E-Journal of Chemistry</i> , <b>2012</b> , 9, 1007-1016		6
7	Spectroscopic, thermal studies and molecular modelling of charge transfer complexation between 5-amino-2-methoxypyridine with chloranilic acid in different polar solvents. <i>Physics and Chemistry of Liquids</i> , <b>2015</b> , 53, 490-505	1.5	5
6	Solvation and temperature effect on the charge-transfer complex between 2-amino-4-picoline with 2,5-dihydroxy-p-benzoquinone. <i>Physics and Chemistry of Liquids</i> , <b>2013</b> , 51, 635-650	1.5	4
5	Spectrophotometric study of charge transfer complex between 2,6-diaminopyridine and 2,5-dihydroxy-p-benzoquinone. <i>Physics and Chemistry of Liquids</i> , <b>2013</b> , 51, 365-380	1.5	3
4	Synthesis, Characterization, and Biological Evaluation of a New Hydrogen-Bonded Charge-Transfer Complex of 2-Amino-4-methoxy-6-methylpyrimidine. <i>Journal of Chemistry</i> , <b>2019</b> , 2019, 1-14	2.3	3
3	Spectroscopic studies of intermolecular hydrogen bonding and proton transfer complexes of chromotropic acid with some amines in methanol. <i>Arabian Journal of Chemistry</i> , <b>2010</b> , 3, 257-264	5.9	2
2	Synthesis, spectroscopic characterizations, biological activity, DNA-binding investigation combined with DFT studies of new proton-transfer complexes of 2,4-diaminopyrimidine with 2,6-dichloro-4-nitrophenol and 3,5-dinitrosalicylic acid. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 350, 118508	6	1

- 1 Novel charge transfer-hydrogen bonded complex between 2-amino-4,6-dimethoxy-pyrimidine (ADMP) with chloranilic acid (H<sub>2</sub>CA): temperature, solvation and DFT computational studies. *Physics and Chemistry of Liquids*, **2020**, 58, 397-420 1.5 1