

# Reem M Alghanmi

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

240  
citations

1162367

8  
h-index

940134

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2018, 256, 433-444.	2.3	43
2	Spectral and solvation effect studies on charge transfer complex of 2, 6-diaminopyridine with chloranilic acid. <i>Journal of Molecular Liquids</i> , 2013, 181, 20-28.	2.3	34
3	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> , 2019, 1183, 298-312.	1.8	29
4	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> , 2020, 309, 113210.	2.3	29
5	Spectrophotometric study of the charge transfer complex between 2-amino-4-picoline with chloranilic acid. <i>Journal of Molecular Structure</i> , 2013, 1034, 223-232.	1.8	19
6	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> , 2010, 55, 930-936.	1.0	13
7	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> , 2015, 138, 932-941.	2.0	12
8	Synthesis, and spectroscopic, nanostructure, surface morphology, and density functional theory studies of new charge-transfer complexes of amifampridine with I <sup>-</sup> -acceptors. <i>Journal of Molecular Liquids</i> , 2021, 326, 115199.	2.3	11
9	ICP-OES Determination of Trace Metal Ions after Preconcentration Using Silica Gel Modified with 1,2-Dihydroxyanthraquinone. <i>E-Journal of Chemistry</i> , 2012, 9, 1007-1016.	0.4	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> , 2019, 1176, 825-837.	1.8	7
11	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> , 2012, 167, 78-85.	2.3	6
12	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> , 2013, 51, 635-650.	0.4	5
13	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> , 2015, 53, 490-505.	0.4	5
14	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> , 2019, 2019, 1-14.	0.9	5
15	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> , 2022, 350, 118508.	2.3	4
16	Spectrophotometric study of charge transfer complex between 2,6-diaminopyridine and 2,5-dihydroxy-p-benzoquinone. <i>Physics and Chemistry of Liquids</i> , 2013, 51, 365-380.	0.4	3
17	New Charge Transfer Complexes of K <sup>+</sup> -Channel-Blocker Drug (Amifampridine; AMFP) for Sensitive Detection; Solution Investigations and DFT Studies. <i>Molecules</i> , 2021, 26, 6037.	1.7	3
18	Spectroscopic studies of intermolecular hydrogen bonding and proton transfer complexes of chromotropic acid with some amines in methanol. <i>Arabian Journal of Chemistry</i> , 2010, 3, 257-264.	2.3	2

#	ARTICLE	IF	CITATIONS
19	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. <i>Physics and Chemistry of Liquids</i> , 2020, 58, 397-420.	0.4	2