

Abdel Majid A Adam

List of Publications by Year in descending order

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55
papers

1,045
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346980

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docs citations

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times ranked

473
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#	ARTICLE	IF	CITATIONS
1	Charge-transfer chemistry of two corticosteroids used adjunctively to treat COVID-19. Part I: Complexation of hydrocortisone and dexamethasone donors with DDQ acceptor in five organic solvents. <i>Journal of Molecular Liquids</i> , 2022, 357, 119092.	2.3	3
2	Potential Therapeutic Effects of New Ruthenium (III) Complex with Quercetin: Characterization, Structure, Gene Regulation, and Antitumor and Anti-Inflammatory Studies (Ru(III)/Q Novel Complex Is a Tj ETQq0 0.0gBT /Overlock 10 T	0.0	0
3	Quercetin/Zinc complex and stem cells: A new drug therapy to ameliorate glycometabolic control and pulmonary dysfunction in diabetes mellitus: Structural characterization and genetic studies. <i>PLoS ONE</i> , 2021, 16, e0246265.	1.1	32
4	Charge-transfer chemistry of azithromycin, the antibiotic used worldwide to treat the coronavirus disease (COVID-19). Part II: Complexation with several π -acceptors (PA, CLA, CHL). <i>Journal of Molecular Liquids</i> , 2021, 325, 115121.	2.3	14
5	Charge-transfer chemistry of azithromycin, the antibiotic used worldwide to treat the coronavirus disease (COVID-19). Part I: Complexation with iodine in different solvents. <i>Journal of Molecular Liquids</i> , 2021, 325, 115187.	2.3	17
6	Antioxidant, Antigenotoxic, and Hepatic Ameliorative Effects of Quercetin/Zinc Complex on Cadmium-Induced Hepatotoxicity and Alterations in Hepatic Tissue Structure. <i>Coatings</i> , 2021, 11, 501.	1.2	17
7	Proton-transfer and charge-transfer interactions between the antibiotic trimethoprim and several π - π^* and π - π^* acceptors: A spectroscopic study. <i>Journal of Molecular Structure</i> , 2021, 1231, 129687.	1.8	25
8	Charge-transfer interaction of aspartame and neotame with several π -acceptors: Stoichiometric data. <i>Data in Brief</i> , 2021, 36, 107092.	0.5	0
9	Data on charge-transfer interaction between 1-methyl-3-trifluoromethyl-2-pyrazoline-5-one with PA, CLA, TFQ, DDQ and TCNQ π -acceptors. <i>Data in Brief</i> , 2021, 36, 107137.	0.5	1
10	An Environmentally Friendly Method for Removing Hg(II), Pb(II), Cd(II) and Sn(II) Heavy Metals from Wastewater Using Novel Metal- π -Carbon-Based Composites. <i>Crystals</i> , 2021, 11, 882.	1.0	27
11	Charge-transfer chemistry of azithromycin, the antibiotic used worldwide to treat the coronavirus disease (COVID-19). Part III: A green protocol for facile synthesis of complexes with TCNQ, DDQ, and TFQ acceptors. <i>Journal of Molecular Liquids</i> , 2021, 335, 116250.	2.3	15
12	Preparation and Characterization of New CrFeO ₃ -Carbon Composite Using Environmentally Friendly Methods to Remove Organic Dye Pollutants from Aqueous Solutions. <i>Crystals</i> , 2021, 11, 960.	1.0	19
13	Charge-transfer complexation of TCNE with azithromycin, the antibiotic used worldwide to treat the coronavirus disease (COVID-19). Part IV: A comparison between solid and liquid interactions. <i>Journal of Molecular Liquids</i> , 2021, 340, 117224.	2.3	15
14	RuO ₂ Nanostructures from Ru(III) Complexes As a New Smart Nanomaterials for Using in the Recycling and Sustainable Wastewater Treatment: Synthesis, Characterization, and Catalytic Activity in the Hydrogen Peroxide Decomposition. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, S346-S351.	0.1	1
15	Synthesis, Spectroscopic, and Antimicrobial Study of Binary and Ternary Ruthenium(III) Complexes of Ofloxacin Drug and Amino Acids as Secondary Ligands. <i>Crystals</i> , 2020, 10, 225.	1.0	4
16	Measurements and correlations in solution-state for charge transfer products caused from the 1:2 complexation of TCNE acceptor with several important drugs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 166-177.	2.0	23
17	Synthesis and spectroscopic characterizations of Cu(II) complexes with novel 15-membered N ₄ macrocyclic ligand and their utility to obtain CuO nanostructures for efficient degradation of dyes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3950.	1.7	5
18	Ca(II), Sr(II) and Ba(II) ion interaction with the rheumatoid arthritis drug tenoxicam: Structural, thermal, and biological characterization. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4055.	1.7	6

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19	Positron Annihilation Doppler Broadening Studies on Ruthenium(III) Antibiotic Sulfa-Drug Complexes. Russian Journal of Physical Chemistry A, 2018, 92, 2739-2743.	0.1	0
20	Charge Transfer Interaction Between the Antibiotic Drug Ciprofloxacin with Picric Acid: Experimental and Theoretical Investigations. Science of Advanced Materials, 2018, 10, 879-888.	0.1	2
21	Synthesis of a new insulin-mimetic anti-diabetic drug containing vitamin A and vanadium(IV) salt: Chemico-biological characterizations. International Journal of Immunopathology and Pharmacology, 2017, 30, 272-281.	1.0	20
22	Application of Charge Transfer Complexation for the Assessment of the Anti-Senescence Plant Hormone Kinetin. Part Two: Morphology and Nanometry of the Product Obtained with Chloranilic Acid Acceptor. Journal of Computational and Theoretical Nanoscience, 2017, 14, 4305-4309.	0.4	0
23	Structural, physicochemical and inÂvitro pharmacological properties of the stimulant drug 8-chlorotheophylline complexed with Cr(III), Mn(II), Co(II), and Ni(II) metal ions: Potent metallodrug complexes as antimicrobial agents. Comptes Rendus Chimie, 2016, 19, 909-920.	0.2	3
24	Solution and solid-state investigations of charge transfer complexes caused by the interaction of bathophenanthroline with different organic acceptors in a (methanol + dichloromethane) binary solvent system. Journal of Molecular Liquids, 2016, 219, 377-389.	2.3	42
25	Spectrophotometric and thermodynamic studies on the 1:1 charge transfer interaction of several clinically important drugs with tetracyanoethylene in solution-state: Part one. Journal of Molecular Liquids, 2016, 224, 311-321.	2.3	41
26	Charge transfer complexation of the anticholinergic drug clidinium bromide and picric acid in different polar solvents: Solvent effect on the spectroscopic and structural morphology properties of the product. Journal of Molecular Liquids, 2016, 216, 192-208.	2.3	32
27	Nanostructured Products Formed Between Urea and Several Divalent Transition Metal Ions: Part One. Journal of Computational and Theoretical Nanoscience, 2016, 13, 5530-5536.	0.4	1
28	Utilization of Metal Complexation with Urea to Obtain Nanostructured Metal Oxide: Part Two. Journal of Computational and Theoretical Nanoscience, 2016, 13, 5537-5542.	0.4	1
29	Shedding Light on the Usefulness of Chemical Reaction Between Urea and Transition Metal Ions to Produce Metal Oxides in Nanoscale: Part Three. Journal of Computational and Theoretical Nanoscience, 2016, 13, 5543-5549.	0.4	1
30	A New Chemical Reactions for Preparation of Ba(II), Sr(II),Ca(II) and Mg(II) Oxalate in Nano-Structure form Using Carbamide at Elevated Temperature: Part Four. Journal of Computational and Theoretical Nanoscience, 2016, 13, 5550-5553.	0.4	0
31	Study of chemical bonding, physical and biological effect of metformin drug as an organized medicine for diabetes patients with chromium(III) and vanadium(IV) ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 323-332.	2.0	17
32	Spectral, thermal and kinetic studies of charge-transfer complexes formed between the highly effective antibiotic drug metronidazole and two types of acceptors: Î¶- and Îµ-acceptors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 141, 202-210.	2.0	41
33	Nanostructured products of the drug theophylline caused by charge transfer interactions and a binary solvent system: Morphology and nanometry. Journal of Molecular Liquids, 2015, 209, 33-41.	2.3	22
34	Synthesis and Spectroscopic Characterization of Zr(IV) and Th(IV) With Chelating Containing ONNO Donor Quadridentate Schiff Bases Complexes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 1300-1306.	0.6	3
35	A Structural study of the intermolecular interactions of tyramine with some Îµ-acceptors: Quantification of biogenic amines based on charge-transfer complexation. Russian Journal of General Chemistry, 2015, 85, 185-191.	0.3	14
36	Quick and simple formation of different nanosized charge-transfer complexes of the antibiotic drug moxifloxacin: An efficient way to remove and utilize discarded antibiotics. Comptes Rendus Chimie, 2015, 18, 914-928.	0.2	36

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37	Synthesis and spectroscopic characterizations of noble metal complexes (gold, silver, platinum) in the presence of selenium, and their biological applications as antibacterial, antifungal, and anticancer. <i>Research on Chemical Intermediates</i> , 2015, 41, 965-1000.	1.3	7
38	Spectral studies to increase the efficiency and stability of laser dyes by charge-transfer reactions for using in solar cells: charge-transfer complexes of Ponceau S with p-chloranil, chloranilic and picric acids. <i>Research on Chemical Intermediates</i> , 2015, 41, 3089-3108.	1.3	12
39	Shedding light on the photostability of two intermolecular charge-transfer complexes between highly fluorescent bis-1,8-naphthalimide dyes and some π -acceptors: A spectroscopic study in solution and solid states. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 288-301.	2.0	31
40	Chemistry of drug interactions: Characterization of charge-transfer complexes of Guaifenesin with various acceptors using spectroscopic and thermal methods. <i>Russian Journal of General Chemistry</i> , 2014, 84, 1847-1856.	0.3	23
41	Charge-transfer interaction of drug quinidine with quinol, picric acid and DDQ: Spectroscopic characterization and biological activity studies towards understanding the drug-receptor mechanism. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 81-95.	2.4	40
42	Application of charge-transfer complexation for evaluation of the drug-receptor mechanism of interaction: Spectroscopic and structure morphological properties of procaine and pilocarpine complexes with chloranilic acid acceptor. <i>Russian Journal of General Chemistry</i> , 2014, 84, 1225-1236.	0.3	24
43	Infrared, Raman, ^1H NMR, TG, and SEM properties of the charge-transfer interactions between tris(hydroxymethyl)methane with the acceptors picric acid, chloranilic acid, and 1,3-dinitrobenzene. <i>Russian Journal of General Chemistry</i> , 2014, 84, 1417-1428.	0.3	22
44	Novel charge-transfer complexes of 4-hexylamino-1,8-naphthalimide-labelled PAMAM dendrimer with some acceptors: a spectrophotometric study. <i>Physics and Chemistry of Liquids</i> , 2014, 52, 680-696.	0.4	12
45	Utility of positron annihilation lifetime technique for the assessment of spectroscopic data of some charge-transfer complexes derived from N-(1-Naphthyl)ethylenediamine dihydrochloride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 34-47.	2.0	32
46	Nano-structured complexes of reserpine and quinidine drugs with chloranilic acid based on intermolecular H-bond: Spectral and surface morphology studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 107-114.	2.0	34
47	Spectral, thermal, XRD and SEM studies of charge-transfer complexation of hexamethylenediamine and three types of acceptors: π -, π -f- and vacant orbital acceptors that include quinol, picric acid, bromine, iodine, SnCl_4 and ZnCl_2 acceptors. <i>Journal of Molecular Structure</i> , 2013, 1051, 144-163.	1.8	35
48	Utilization of charge-transfer complexation for the detection of carcinogenic substances in foods: Spectroscopic characterization of ethyl carbamate with some traditional π -acceptors. <i>Journal of Molecular Structure</i> , 2013, 1037, 376-392.	1.8	45
49	Structural, thermal, morphological and biological studies of proton-transfer complexes formed from 4-aminoantipyrene with quinol and picric acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 1-13.	2.0	50
50	Supramolecular Arrangement in Styphnic Acid and Naphthalene-1,4-diol (1:1) through a Novel Synthetic Rote for Styphnic Acid. <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	0.9	1
51	Application of multivariate statistical analyses in the differentiation between two phosphate ores from the Nuba Mountains, Sudan. <i>International Journal of Environmental Studies</i> , 2012, 69, 785-805.	0.7	2
52	Synthesis, spectroscopic, thermal and antimicrobial investigations of charge-transfer complexes formed from the drug procaine hydrochloride with quinol, picric acid and TCNQ. <i>Journal of Molecular Structure</i> , 2012, 1030, 26-39.	1.8	68
53	Synthesis and characterization of highly conductive charge-transfer complexes using positron annihilation spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 458-477.	2.0	39
54	Multivariate statistical analysis of radioactive variables in two phosphate ores from Sudan. <i>Journal of Environmental Radioactivity</i> , 2012, 107, 23-43.	0.9	52

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55	Spectroscopic characterizations on the N,N-bis-alkyl derivatives of 1,4,6,8-naphthalenediimide charge-transfer complexes. Arabian Journal of Chemistry, 2011, 4, 83-97.	2.3	2