Moamen S Refat

List of Publications by Year
in descending order

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310 papers	4,780 citations	145106 33 h-index	242451 47 g-index
313 all docs	313 docs citations	313 times ranked	3657 citing authors

#	Article	IF	Citations
1	Usefulness of charge-transfer interaction between urea and vacant orbital acceptors to generate novel adsorbent material for the adsorption of pesticides from irrigation water. Journal of Molecular Liquids, 2022, 349, 118188.	2.3	15
2	Synthesis and spectroscopic characterizations of nanostructured charge transfer complexes associated between moxifloxacin drug donor and metal chloride acceptors as a catalytic agent in a recycling of wastewater. Journal of Molecular Liquids, 2022, 349, 118121.	2.3	20
3	Dichlorido-{2,6-bis(4,5-dihydro-1H-pyrazol-3-yl)pyridine-Î¹³N,Nâ€²,Nâ€³}zinc(II), C₁₁H₉C₁₂N₅Zn. Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, 237, 203-204.	0.1	0
4	Analysis of charge-transfer complexes caused by the interaction of the antihypertensive drug valsartan with several acceptors in CH2Cl2 and CHCl3 solvents and correlations between their spectroscopic parameters. Journal of Molecular Liquids, 2022, 348, 118466.	2.3	12
5	Charge transfer and hydrogen bonding motifs in organic cocrystals derived from aromatic diamines and TCNB. Journal of Molecular Structure, 2022, 1254, 132360.	1.8	5
6	Enhancing the Antipsychotic Effect of Risperidone by Increasing Its Binding Affinity to Serotonin Receptor via Picric Acid: A Molecular Dynamics Simulation. Pharmaceuticals, 2022, 15, 285.	1.7	21
7	Impact of Charge Transfer Complex on the Dielectric Relaxation Processes in Poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	9
8	ZnS Quantum Dots Decorated on One-Dimensional Scaffold of MWCNT/PANI Conducting Nanocomposite as an Anode for Enzymatic Biofuel Cell. Polymers, 2022, 14, 1321.	2.0	9
9	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. Journal of Molecular Liquids, 2022, 357, 119092.	2.3	3
10	Effect of light-dark conditions on inhibition of Gram positive and gram negative bacteria and dye decomposition in the presence of photocatalyst Co/ZnO nanocomposite synthesized by ammonia evaporation method. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102853.	1.3	12
11	Charge-transfer complexes of antipsychotic drug sulpiride with inorganic and organic acceptors generated through two different approaches: Spectral characterization. Journal of Molecular Liquids, 2022, 353, 118819.	2.3	13
12	Cathodic Activation of Titania-Fly Ash Cenospheres for Efficient Electrochemical Hydrogen Production: A Proposed Solution to Treat Fly Ash Waste. Catalysts, 2022, 12, 466.	1.6	2
13	The derivation and characterization of quinine charge-transfer complexes with inorganic and organic acceptors in liquid and solid form. Journal of Molecular Liquids, 2022, 359, 119206.	2.3	4
14	Enhancement of Haloperidol Binding Affinity to Dopamine Receptor via Forming a Charge-Transfer Complex with Picric Acid and 7,7,8,8-Tetracyanoquinodimethane for Improvement of the Antipsychotic Efficacy. Molecules, 2022, 27, 3295.	1.7	11
15	Spectroscopic and Physicochemical Studies on 1,2,4-Triazine Derivative. Coatings, 2022, 12, 714.	1.2	2
16	Increasing the Efficacy of Seproxetine as an Antidepressant Using Chargeâ€“Transfer Complexes. Molecules, 2022, 27, 3290.	1.7	11
17	Spectroscopic and Molecular Docking Studies of Cu(II), Ni(II), Co(II), and Mn(II) Complexes with Anticonvulsant Therapeutic Agent Gabapentin. Molecules, 2022, 27, 4311.	1.7	5
18	Intermolecular charge-transfer complexes between chlorothiazide antihypertensive drug against iodine sigma and picric acid pi acceptors: DFT and molecular docking interaction study with Covid-19 protease. Journal of the Indian Chemical Society, 2022, 99, 100605.	1.3	1

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19	Supramolecular charge-transfer complex generated by the interaction between tin(II) 2,3-naphtalocyanine as a donor with DDQ as an acceptor: Spectroscopic studies in solution state and theoretical calculations. Journal of Molecular Liquids, 2022, 362, 119757.	2.3	19
20	Synthesis, thermogravimetric, and spectroscopic characterizations of three palladium metal(II) ofloxacin drug and amino acids mixed ligand complexes as advanced antimicrobial materials. Journal of Molecular Structure, 2021, 1225, 129102.	1.8	12
21	In neutralized medium five new Ca(II), Zn(II), Fe(III), Au(III) and Pd(II) complexity of ceftriaxone antibiotic drug: Synthesis, spectroscopic, morphological and anticancer studies. Journal of Molecular Liquids, 2021, 322, 114816.	2.3	8
22	Synthesis, spectroscopic, structural and morphological characterizations of magnesium(II), calcium(II), strontium(II) and barium(II) folate complexes. Journal of Molecular Structure, 2021, 1227, 129519.	1.8	1
23	Utilization and simulation of innovative new binuclear Co(ii), Ni(ii), Cu(ii), and Zn(ii) diimine Schiff base complexes in sterilization and coronavirus resistance (Covid-19). Open Chemistry, 2021, 19, 772-784.	1.0	9
24	Synthesis, Spectroscopic Characterization, and Biological Activities of New Binuclear Co(II), Ni(II), Cu(II), and Zn(II) Diimine Complexes. Crystals, 2021, 11, 300.	1.0	2
25	Potential Therapeutic Effects of New Ruthenium (III) Complex with Quercetin: Characterization, Structure, Gene Regulation, and Antitumor and Anti-Inflammatory Studies (RuIII/Q Novel Complex Is a) Tj ETQq1 1 0.784314 rgBT /Over	1.0	18
26	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. PLoS ONE, 2021, 16, e0246265.	1.1	32
27	Charge-transfer chemistry of azithromycin, the antibiotic used worldwide to treat the coronavirus disease (COVID-19). Part II: Complexation with several Ï€-acceptors (PA, CLA, CHL). Journal of Molecular Liquids, 2021, 325, 115121.	2.3	14
28	Charge-transfer chemistry of azithromycin, the antibiotic used worldwide to treat the coronavirus disease (COVID-19). Part I: Complexation with iodine in different solvents. Journal of Molecular Liquids, 2021, 325, 115187.	2.3	17
29	Preparation and Thermogravimetric and Antimicrobial Investigation of Cd (II) and Sn (II) Adducts of Mercaptopyridine, Amino Triazole Derivatives, and Mercaptothiazoline Organic Ligand Moieties. Bioinorganic Chemistry and Applications, 2021, 2021, 1-10.	1.8	1
30	Au(III), Ta(V), Nb(V), Se(IV) and Te(IV) ions interaction with aurin tricarboxylic acid triammonium salt in methanolic solvent at neutral system: Focusing on the structures, morphology, thermal stability, and biology of the complexes. Journal of Molecular Liquids, 2021, 328, 115493.	2.3	3
31	New Mononuclear and Binuclear Cu(II), Co(II), Ni(II), and Zn(II) Thiosemicarbazone Complexes with Potential Biological Activity: Antimicrobial and Molecular Docking Study. Molecules, 2021, 26, 2288.	1.7	54
32	Antioxidant, Antigenotoxic, and Hepatic Ameliorative Effects of Quercetin/Zinc Complex on Cadmium-Induced Hepatotoxicity and Alterations in Hepatic Tissue Structure. Coatings, 2021, 11, 501.	1.2	17
33	Synthesis of Al(III), Bi(III), Sb(III), Sn(II) and Pb(II) Complexes Based on a Plant Auxin Hormone: Characterization; DFT, Pharmacokinetics and MOEâ€Docking with Plantâ€Cell Proteins. ChemistrySelect, 2021, 6, 3912-3921.	0.7	0
34	Aurintricarboxylic acid and its metal ion complexes in comparative virtual screening versus Lopinavir and Hydroxychloroquine in fighting COVID-19 pandemic: Synthesis and characterization. Inorganic Chemistry Communication, 2021, 126, 108472.	1.8	15
35	Proton-transfer and charge-transfer interactions between the antibiotic trimethoprim and several Ïƒâ^' and Ï€â^'acceptors: A spectroscopic study. Journal of Molecular Structure, 2021, 1231, 129687.	1.8	25
36	Synthesis and crystal structure of (2E,2â€²E)-3,3â€²-(1,3-phenylene)bis(1-(3-bromophenyl)prop-2-en-1-one), C24H16Br2O2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 863-864.	0.1	1

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37	A comparison of charge-transfer complexes of iodine with some antibiotics formed through two different approaches (liquid-liquid vs solid-solid). Journal of Molecular Liquids, 2021, 329, 115560.	2.3	15
38	New Cr(III), Mn(II), Fe(III), Co(II), Ni(II), Zn(II), Cd(II), and Hg(II) Gibberellate Complexes: Synthesis, Structure, and Inhibitory Activity Against COVID-19 Protease. Russian Journal of General Chemistry, 2021, 91, 890-896.	0.3	8
39	Synthesis and Characterization of Some New Coumarin Derivatives as Probable Breast Anticancer MCF-7 Drugs. Crystals, 2021, 11, 565.	1.0	5
40	Synthesis and crystal structure of (1E,2E)-3-(anthracen-9-yl)-1-(4-methoxyphenyl)prop-2-en-1-one oxime, C24H19NO2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 861-862.	0.1	1
41	In-silico studies for kinetin hormone and its alkaline earth metal ion complexes as anti-aging cosmetics; synthesis, characterization and ability for controlling collagen-inhibitors. Journal of Molecular Structure, 2021, 1232, 130041.	1.8	6
42	Synthesis of 1-[(Aryl)(3-amino-5-oxopyrazolidin-4-ylidene) methyl]-2-oxo-1,2-dihydroquinoline-3-carboxylic Acid Derivatives and Their Breast Anticancer Activity. Crystals, 2021, 11, 571.	1.0	4
43	Antibacterial and Anticancer Studies of Mononuclear and Binuclear Complexes of Tellurium(IV), Tantalum(V), Selenium(IV), and Niobium(V) Urate by Spectroscopic Methods. Journal of Applied Spectroscopy, 2021, 88, 323-331.	0.3	0
44	Synthesis and crystal structure of the novel chiral acetyl-3-thiophene-5-(9-anthryl)-2-pyrazoline, C23H18N2OS. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 867-869.	0.1	1
45	Charge-transfer interaction of aspartame and neotame with several Ï€-acceptors: Stoichiometric data. Data in Brief, 2021, 36, 107092.	0.5	0
46	Exploring the charge-transfer chemistry of fluorine-containing pyrazolin-5-ones: The complexation of 1-methyl-3-trifluoromethyl-2-pyrazoline-5-one with five Ï€-acceptors. Journal of Molecular Liquids, 2021, 331, 115814.	2.3	13
47	In situ thermal decomposition route: Preparation and characterization of nano nickel, cobalt, and copper oxides using an aromatic amine complexes as a low-cost simple precursor. Polish Journal of Chemical Technology, 2021, 23, 47-53.	0.3	0
48	Data on charge-transfer interaction between 1-methyl-3-trifluoromethyl-2-pyrazoline-5-one with PA, CLA, TFQ, DDQ and TCNQ Ï€-acceptors. Data in Brief, 2021, 36, 107137.	0.5	1
49	Solution, and solid investigations on the chargeâ€“transfer complexation between seproxetine as a selective serotonin reuptake inhibitor drug with six kinds of Ï€â€“electron acceptors. Journal of Molecular Liquids, 2021, 332, 115831.	2.3	2
50	The crystal structure of 4-(3-bromophenyl)pyrimidin-2-amine, C10H8BrN3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, .	0.1	1
51	Synthesis and spectroscopic interpretations of Co(II), Ni(II) and Cu(II) decxycholate complexes with molecular docking of COVId-19 protease. Polish Journal of Chemical Technology, 2021, 23, 54-59.	0.3	2
52	In Situ Neutral System Synthesis, Spectroscopic, and Biological Interpretations of Magnesium(II), Calcium(II), Chromium(III), Zinc(II), Copper(II) and Selenium(IV) Sitagliptin Complexes. International Journal of Environmental Research and Public Health, 2021, 18, 8030.	1.2	9
53	An Environmentally Friendly Method for Removing Hg(II), Pb(II), Cd(II) and Sn(II) Heavy Metals from Wastewater Using Novel Metalâ€“Carbon-Based Composites. Crystals, 2021, 11, 882.	1.0	27
54	Charge transfer complexes of cyclamate sweetener compound with vacant orbital acceptors (VCl3,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 of Molecular Liquids, 2021, 333, 116005.	2.3	0

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55	Charge-transfer (CT) dynamics of triamterene with 2,3-dichloro-5,6-dicyano-p-benzoquinone acceptor: A nÂâ†'ÂÏ€* model CT complex generated by liquid- and solid-state reactions. Journal of Molecular Liquids, 2021, 334, 116119.	2.3	9
56	Optical spectroscopic studies on poly(methyl methacrylate) doped by charge transfer complex. Optical Materials, 2021, 117, 111152.	1.7	13
57	Spectrophotometric studies on the charge transfer interactions between thiazolidine as a donor and three Ï€-acceptors: p-Chloranil (CHL), DDQ and TCNQ. Journal of Molecular Liquids, 2021, 333, 115928.	2.3	3
58	Correlations between spectroscopic data for charge-transfer complexes of two artificial sweeteners, aspartame and neotame, generated with several Ï€-acceptors. Journal of Molecular Liquids, 2021, 333, 115904.	2.3	8
59	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. Journal of Molecular Liquids, 2021, 335, 116250.	2.3	15
60	Preparation and Characterization of New CrFeO3-Carbon Composite Using Environmentally Friendly Methods to Remove Organic Dye Pollutants from Aqueous Solutions. Crystals, 2021, 11, 960.	1.0	19
61	Liquidâ^'Âand solidâ^'state study of charge-transfer (CT) interaction between drug triamterene as a donor and tetracyanoethylene (TCNE) as an acceptor. Journal of Molecular Liquids, 2021, 336, 116261.	2.3	5
62	Crystal structure of chlorido-(4-methyl-2-((phenylimino)methyl)phenolato-Î²2 N,O)-(pyridine-Î²1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.1	1
63	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. Journal of Molecular Liquids, 2021, 340, 117224.	2.3	15
64	Utilization of charge-transfer complexation to generate carbon-based nanomaterial for the adsorption of pollutants from contaminated water: Reaction between urea and vacant orbital acceptors. Journal of Molecular Liquids, 2021, 341, 117416.	2.3	6
65	Using a Modified Polyamidoamine Fluorescent Dendrimer for Capturing Environment Polluting Metal Ions Zn2+, Cd2+, and Hg2+: Synthesis and Characterizations. Crystals, 2021, 11, 92.	1.0	15
66	Selenium/Chitosan-Folic Acid Metal Complex Ameliorates Hepatic Damage and Oxidative Injury in Male Rats Exposed to Sodium Fluoride. Crystals, 2021, 11, 1354.	1.0	10
67	RuO2 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. Russian Journal of Physical Chemistry A, 2021, 95, S346-S351.	0.1	1
68	Synthesis, Spectroscopic, and Biological Assessments on Some New Rare Earth Metal Adrenaline Adducts. Crystals, 2021, 11, 1536.	1.0	0
69	Structural, electrochemical and optical properties of 1,2,4-triazine derivative. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	25
70	Novel Papaverine Metal Complexes with Potential Anticancer Activities. Molecules, 2020, 25, 5447.	1.7	51
71	Electroâ€synthesis approach for some metal ion complexes derived from thiosemicarbazide; characterization, conformational, inhibitory simulation and Hirshfeld surface properties. Applied Organometallic Chemistry, 2020, 34, e5766.	1.7	4
72	Manganese (II), ferric (III), cobalt (II) and copper (II) thiosemicarbazone Schiff base complexes: Synthesis, spectroscopic, molecular docking and biological discussions. Materials Express, 2020, 10, 290-300.	0.2	6

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73	Optical and electrical characteristics of thin PMMA sheets doped with Cuâ€“Zn ferrite nanoparticles. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	3
74	Synthesis, Spectroscopic, and Antimicrobial Study of Binary and Ternary Ruthenium(III) Complexes of Ofloxacin Drug and Amino Acids as Secondary Ligands. Crystals, 2020, 10, 225.	1.0	4
75	Synthesis, spectroscopic, thermal and antimicrobial investigations of new mono and binuclear Cu(II), Co(II), Ni(II), and Zn(II) thiosemicarbazide complexes. Journal of Molecular Structure, 2020, 1218, 128516.	1.8	11
76	Synthesis, Characterization, and Anti-diabetic Activity of Some Novel Vanadium-Folate-Amino Acid Materials. Biomolecules, 2020, 10, 781.	1.8	8
77	Synthesis, FTIR, and Raman Spectroscopic and Thermogravimetric Analysis of UO2(II), ZrO(II), VO(II), and Th(IV) Valerate Complexes. Russian Journal of General Chemistry, 2020, 90, 2405-2409.	0.3	0
78	Synthesis, structure interpretation, antimicrobial and anticancer studies of tranexamic acid complexes towards Ga(III), W(VI), Y(III) and Si(IV) metal ions. Journal of Molecular Structure, 2019, 1175, 65-72.	1.8	15
79	Chemical and physical properties of the charge transfer complexes of domperidone antiemetic agent with Ï€-acceptors. Journal of Molecular Liquids, 2019, 293, 111517.	2.3	27
80	Complexes of the plant hormone gibberellic acid with the Pt(II), Au(III), Ru(III), V(III), and Se(IV) ions: preparation, characterization, and inÂvitro evaluation of biological activity. Journal of Molecular Liquids, 2019, 296, 111895.	2.3	7
81	Synthesis, Spectroscopy, and Anticancer Activity of Two New Nanoscale Au(III) N4 Schiff Base Complexes. Russian Journal of General Chemistry, 2019, 89, 1702-1706.	0.3	7
82	Synthesis of Selenium(0) and Zinc(II) Biomolecules in Nano-Structured Forms as New Antioxidant Agents: Chemical and Biological Studies. Russian Journal of General Chemistry, 2019, 89, 800-805.	0.3	3
83	Characterization of charge transfer products obtained from the reaction of the sedative-hypnotic drug barbital with chloranilic acid, chloranil, TCNQ and DBQ organic acceptors. Journal of Molecular Liquids, 2019, 287, 110981.	2.3	28
84	Synthesis of a vanadyl (IV) folate complex for the treatment of diabetes: spectroscopic, structural, and biological characterization . Drug Design, Development and Therapy, 2019, Volume 13, 1409-1420.	2.0	7
85	Synthesis of new antidiabetic agent by complexity between vanadyl (II) sulfate and vitamin B1: Structural, characterization, antiâ€ÐNA damage, structural alterations and antioxidative damage studies. Applied Organometallic Chemistry, 2019, 33, e4892.	1.7	12
86	Synthesis and Biological Evaluations of a Novel Oxidovanadium(IV) Adenosine Monophosphate Complex as Anti-Diabetic Agent. Crystals, 2019, 9, 208.	1.0	4
87	Sonochemical Degradation of Benzothiophene (BT) in Deionized Water, Natural Water and Sea Water. Molecules, 2019, 24, 257.	1.7	6
88	Chemical Preparation of Nanostructures of Ni(II), Pd(II), and Ru(III) Oxides by Thermal Decomposition of New Metallic 4-Aminoantipyrine Derivatives. Catalytic Activity of the Oxides. Russian Journal of General Chemistry, 2019, 89, 2528-2533.	0.3	4
89	Synthesis, Characterization, and Anti-Diabetic Therapeutic Activity of New Vanadyl(II) Complexes with Orotic Acid and Different Amino Acids Mixed Ligands. Russian Journal of General Chemistry, 2019, 89, 2121-2128.	0.3	0
90	Measurements and correlations in solution-state for charge transfer products caused from the 1:2 complexation of TCNE acceptor with several important drugs. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 211, 166-177.	2.0	23

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91	Synthesis, characterization and antidiabetic effects of vanadyl(II) adenosine monophosphate amino acid mixed-ligand complexes. Future Medicinal Chemistry, 2019, 11, 193-210.	1.1	4
92	Synthesis of an optical catalyst for cracking contaminating dyes in the wastewater of factories using indium oxide in nanometer and usage in agriculture. Polish Journal of Chemical Technology, 2019, 21, 98-105.	0.3	1
93	Electron-transfer complexation of morpholine donor molecule with some Ï€ â€“ acceptors: Synthesis and spectroscopic characterizations. Polish Journal of Chemical Technology, 2019, 21, 82-88.	0.3	2
94	Synthesis and physicochemical characterizations of coordination between palladium(<scp>ii</scp>) metal ions with floroquinolone drugs as medicinal model against cancer cells: novel metallopharmaceuticals. New Journal of Chemistry, 2018, 42, 9709-9719.	1.4	15
95	Preparation of some compounds and study their thermal stability for use in dye sensitized solar cells. Journal of Molecular Liquids, 2018, 261, 565-582.	2.3	31
96	Development of medical drugs: Synthesis and in vitro bio-evaluations of nanomedicinal zincâ€“penicillins polymeric hydrogel membranes for wound skin dressing by new chemical technology. Journal of Molecular Liquids, 2018, 255, 462-470.	2.3	16
97	Study of the chemical structure and the microbial effect of iron(III) metal ions with four consecutive generations of quinolones in a nanometric form for the purpose of increasing the efficacy of antibacterial and antifungal drugs. Applied Organometallic Chemistry, 2018, 32, e4195.	1.7	2
98	Synthesis and spectroscopic characterizations of Cu(II) complexes with novel 15â€membered N₄ macrocyclic ligand and their utility to obtain CuO nanostructures for efficient degradation of dyes. Applied Organometallic Chemistry, 2018, 32, e3950.	1.7	5
99	Synthesis, spectroscopic, thermal, biological, morphological and molecular docking studies of the different quinolone drugs and their cobalt(II) complexes. Journal of Molecular Liquids, 2018, 249, 438-453.	2.3	22
100	Synthesis, Characterization Anticancer studies of W(IV), Si(VI) and Hf(VI) complexes of cimetidine drug. Inorganic and Nano-Metal Chemistry, 2018, 48, 387-398.	0.9	0
101	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
102	A Novel Oxidovanadium (IV)-Orotate Complex as an Alternative Antidiabetic Agent: Synthesis, Characterization, and Biological Assessments. BioMed Research International, 2018, 2018, 1-11.	0.9	8
103	Synthesis, Physicochemical, and Biological Studies of New Pyridoxine HCl Mononuclear Drug Complexes of V(III), Ru(III), Pt(II), Se(IV), and Au(III) Metal Ions. Russian Journal of General Chemistry, 2018, 88, 2400-2409.	0.3	4
104	Metal-Drug Interactions: Synthesis and Spectroscopic Characteristics, Surface Morphology, and Pharmacological Activity of Ephedrineâ€“HCl Complexes with Mo(V), Nb(V), Ga(III), and Ge(IV). Russian Journal of General Chemistry, 2018, 88, 2163-2169.	0.3	1
105	Three New Complexes of Theophylline Drug with Sc(III), Nb(V), and W(VI) Ions: Spectroscopic, Thermal Stability, and Antimicrobial Studies. Russian Journal of General Chemistry, 2018, 88, 2170-2176.	0.3	5
106	Synthesis, spectroscopic, thermal, antimicrobial and electrochemical characterization of some novel Ru(<scp>iii</scp>), Pt(<scp>iv</scp>) and Ir(<scp>iii</scp>) complexes of pipemidic acid. RSC Advances, 2018, 8, 22515-22529.	1.7	4
107	Synthesis, Physicochemical and Thermal Analyses of Ru(III), Pt(IV), and Ir(III) Complexes with NO Bidentate Schiff Base Ligand. Russian Journal of Physical Chemistry A, 2018, 92, 2227-2236.	0.1	2
108	Preparation of elastic polymer slices have the semiconductors properties for use in solar cells as a source of new and renewable energy. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 361, 76-85.	2.0	25

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109	Synthesis and suggestion of a new nanometric gold(III) melatonin drug complex: an interesting model for testicular protection. Future Medicinal Chemistry, 2018, 10, 1693-1704.	1.1	5
110	Synthesis, spectroscopic and electrochemical characterizations of new Schiff base chelator towards Ru3+, Pt4+ and Ir3+ metal ions. Journal of Molecular Liquids, 2018, 266, 242-251.	2.3	10
111	Synthesis and Characterization of New Nano-Sized Selenium Compounds to Further Use as Antioxidants Drugs. Russian Journal of General Chemistry, 2018, 88, 1258-1265.	0.3	8
112	Structural and chelation behaviors of new Ru(II), Pt(IV) and Ir(III) gatifloxacin drug complexes: Spectroscopic characterizations. Journal of Molecular Structure, 2017, 1130, 264-275.	1.8	7
113	Physicochemical studies on the desulfurization process of organosulfur compounds occur in crude oil by metallo-complexation method. Journal of Molecular Liquids, 2017, 231, 94-97.	2.3	2
114	Investigation of coordination ability of Mn(II), Fe(III), Co(II), Ni(II), and Cu(II) with metronidazole, the antiprotozoal drug, in alkaline media: Synthesis and spectroscopic studies. Russian Journal of General Chemistry, 2017, 87, 873-879.	0.3	5
115	Spectral and cyclic voltammetric studies of glyceryl guaiacolate drug in pure form and in situ chelation with some different transition metals. Journal of Molecular Liquids, 2017, 237, 128-140.	2.3	7
116	Liquid and solid-state study of antioxidant quercetin donor and TCNE acceptor interaction: Focusing on solvent affect on the morphological properties. Journal of Molecular Liquids, 2017, 233, 292-302.	2.3	34
117	Synthesis of new drug model has an effective antimicrobial and antitumors by combination of cephalosporin antibiotic drug with silver(I) ion in nano scale range: Chemical, physical and biological studies. Journal of Molecular Liquids, 2017, 244, 169-181.	2.3	8
118	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
119	Physicochemical, spectroscopic, and anti-tumor studies of cefradine complexes with Ca(II), Zn(II), Fe(III), Au(III), and Pd(II) ions. Russian Journal of General Chemistry, 2017, 87, 1087-1092.	0.3	5
120	Spectroscopic, structural characterizations and antioxidant capacity of the chromium (III) niacinamide compound as a diabetes mellitus drug model. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 122-131.	2.0	21
121	Physicochemical and Spectroscopic Study of Co(II), Ni(II), Cr(III), and Fe(III) Cholyltaurine Adducts. Russian Journal of General Chemistry, 2017, 87, 2944-2950.	0.3	6
122	Biomarkers charge-transfer complexes of melamine with quinol and picric acid: Synthesis, spectroscopic, thermal, kinetic and biological studies. Arabian Journal of Chemistry, 2017, 10, S3482-S3492.	2.3	30
123	Spectroscopic and thermal degradation behavior of Mg(II), Ca(II), Ba(II) and Sr(II) complexes with paracetamol drug. Arabian Journal of Chemistry, 2017, 10, S2376-S2387.	2.3	22
124	Spectrochemical, Thermal, and Kinetic Thermodynamic Characterizations of 3-[(2-hydroxy-phenylimino)-methyl]-Benzene-1,2-Diol Schiff Base Ruthenium(III), Platinum(IV) and Iridium(III) Complexes in Nano Scale Size. Journal of Computational and Theoretical Nanoscience, 2017, 14, 3747-3757.	0.4	0
125	Spinel Color Synthesis of Ceramic Materials Using L-Alanine as a Biological Fuel In Situ Combustion Reaction. Journal of Computational and Theoretical Nanoscience, 2017, 14, 4291-4299.	0.4	0
126	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

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