

# Fawaz A Saad

## List of Publications by Year in descending order

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43  
papers

691  
citations

471061

17  
h-index

610482

24  
g-index

44  
all docs

44  
docs citations

44  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of Silica Nanoparticles with 4,6-Diacetylresorcinol as a Novel Composite for the Efficient Removal of Pb(II), Cu(II), Co(II), and Ni(II) Ions from Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2332-2344.	1.9	8
2	Molecular modeling and docking studies of new antioxidant pyrazole-thiazole hybrids. <i>Journal of Molecular Structure</i> , 2022, 1267, 133582.	1.8	4
3	Synthesis of Al(III), Bi(III), Sb(III), Sn(II) and Pb(II) Complexes Based on a Plant Auxin Hormone: Characterization; DFT, Pharmacokinetics and MOE-Docking with Plant-Cell Proteins. <i>ChemistrySelect</i> , 2021, 6, 3912-3921.	0.7	0
4	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. <i>Journal of Molecular Structure</i> , 2021, 1232, 130041.	1.8	6
5	Surfactant effects on structural, optical and morphological characteristics of microwave irradiated CdO nanostructures. <i>Ceramics International</i> , 2021, 47, 27274-27284.	2.3	4
6	Synthesis and characterization of Cu(II)-pyrazole complexes for possible anticancer agents; conformational studies as well as compatible in-silico and in-vitro assays. <i>Heliyon</i> , 2021, 7, e08485.	1.4	12
7	Practical and computational studies on novel Schiff base complexes derived from green synthesis approach: Conductometry as well as in-vitro screening supported by in-silico study. <i>Journal of Molecular Liquids</i> , 2020, 319, 114116.	2.3	30
8	Characterization of new Co(II) complexes and photographic monitoring for their toxic impact on breast cancer cells according to simulation study. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5886.	1.7	11
9	Designed Anticancer Agent from VO(II) Complexes: Spectroscopic Characterization, Structural Optimization, and In Vitro and In Silico Assays towards Breast Cancer. <i>ChemistrySelect</i> , 2020, 5, 14091-14099.	0.7	12
10	Synthesis and Structural Elucidation for New Schiff Base Complexes; Conductance, Conformational, MOE-Docking and Biological Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3595-3607.	1.9	23
11	Novel series of nanosized mono- and homobi-nuclear metal complexes of sulfathiazole azo dye ligand: Synthesis, characterization, DNA-binding affinity, and anticancer activity. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107496.	1.8	37
12	Synthesis, structural characterization and DNA binding affinity of new bioactive nano-sized transition metal complexes with sulfathiazole azo dye for therapeutic applications. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4965.	1.7	40
13	Synthesis, Characterization for New Nanometric VO(II)-Thioacetanilide Complexes by, Spectral, Thermal, Molecular Computations and DNA Interaction Study Beside Promising Antitumor Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1606-1624.	1.9	25
14	Nano-synthesis, Biological Efficiency and DNA Binding Affinity of New Homo-binuclear Metal Complexes with Sulfa Azo Dye Based Ligand for Further Pharmaceutical Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1337-1348.	1.9	27
15	Synthesis of new Cu(II)-benzohydrazide nanometer complexes, spectral, modeling, CT-DNA binding with potential anti-inflammatory and anti-allergic theoretical features. <i>Materials Science and Engineering C</i> , 2019, 96, 740-756.	3.8	39
16	Nano-synthesis and spectral, thermal, modeling, quantitative structure-activity relationship and docking studies of novel bioactive homo-binuclear metal complexes derived from thiazole drug for therapeutic applications. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4352.	1.7	5
17	Elaborated spectral, modeling, QSAR, docking, thermal, antimicrobial and anticancer activity studies for new nanosized metal ion complexes derived from sulfamerazine azodye. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1249-1267.	2.0	39
18	Inhibition Efficiency of Some Amino Acids in the Presence of Vanillin for the Corrosion of Mild Steel in HCl Solution. <i>International Journal of Electrochemical Science</i> , 2018, 13, 5284-5293.	0.5	8

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19	Green synthesis approach for novel benzenesulfonamide nanometer complexes with elaborated spectral, theoretical and biological treatments. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4460.	1.7	15
20	Synthesis and Characterization of New Nano-Sized Selenium Compounds to Further Use as Antioxidants Drugs. <i>Russian Journal of General Chemistry</i> , 2018, 88, 1258-1265.	0.3	8
21	Elaborated molecular docking and DFT/B3LYP studies for novel sulfa drug complexes, spectral and antitumor investigations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 425-440.	2.0	12
22	Greener solid state synthesis of nano-sized mono and homo bi-nuclear Ni(II), Co(II), Mn(II), Hg(II), Cd(II) and Zn(II) complexes with new sulfa ligand as a potential antitumor and antimicrobial agents. <i>Journal of Molecular Liquids</i> , 2017, 231, 572-579.	2.3	21
23	Simulative aurintricarboxylic acid molecular docking with antitumor activity for its VO(II), Cr(III), Mn(II) and Fe(III) complexes, HF/DFT modeling and elaborated EPR studies. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1565-1578.	2.0	8
24	Synthesis of Co(II), Cu(II), Hg(II), UO <sub>2</sub> (II) and Pb(II) binuclear nanometric complexes from multi-donor ligand: Spectral, modeling, quantitative structure-activity relationship, docking and antitumor studies. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3787.	1.7	18
25	Density functional theory/B3LYP study of nanometric 4-(2,4-dihydroxy-5-formylphenylazo)-N-(4-methylpyrimidin-2-yl)benzenesulfonamide complexes; Quantitative structure-activity relationship, docking, spectral and biological investigations. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3721.	1.7	33
26	Spectral characterization, CT-DNA binding, DFT/B3LYP, molecular docking and antitumor studies for new nano-sized VO(II)-hydrazonoyl complexes. <i>Journal of Molecular Liquids</i> , 2017, 242, 662-677.	2.3	12
27	Illustration for series of new metal ion complexes extracted from pyrazolone derivative, spectral, thermal, QSAR, DFT/B3LYP, docking and antitumor investigations. <i>Journal of Molecular Liquids</i> , 2017, 229, 614-627.	2.3	22
28	New Insight Into the Mechanism of the Inhibition of Corrosion of Mild Steel by Some Amino Acids. <i>International Journal of Electrochemical Science</i> , 2017, 12, 1657-1669.	0.5	29
29	Co-ordination behaviour of a novel tris thiourea tripodal ligand; structural variations in a series of transition metal complexes. <i>Dalton Transactions</i> , 2016, 45, 10280-10288.	1.6	3
30	Elaborated studies on nano-sized homo-binuclear Mn(II), Fe(III), Co(II), Ni(II), and Cu(II) complexes derived from N <sub>2</sub> O <sub>2</sub> Schiff base, thermal, molecular modeling, drug-likeness, and spectral. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 731-743.	2.0	56
31	Raman Spectra, Molecular Modeling and Biological Studies on Buffering Agent Metal Complexes. <i>Asian Journal of Chemistry</i> , 2015, 27, 2678-2684.	0.1	1
32	Synthesis, structural characterization, and antimicrobial efficiency of sulfadiazine azo-azomethine dyes and their bi-homonuclear uranyl complexes for chemotherapeutic use. <i>Turkish Journal of Chemistry</i> , 2015, 39, 267-280.	0.5	22
33	Elaborated spectral analysis and modeling calculations on Co(II), Ni(II), Cu(II), Pd(II), Pt(II), and Pt(IV) nanoparticles complexes with simple thiourea derivative. <i>Journal of Coordination Chemistry</i> , 2015, 68, 993-1009.	0.8	9
34	A Comparative Antimicrobial Study In Between a Quinoline Drug and Its Complexes: Spectral, Kinetic, and Molecular Modeling Investigations. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1743-1757.	0.6	2
35	Synthesis, characterization, DC-electrical conductivity and $\beta$ -ray effect on Ag <sup>1+</sup> , Y <sup>3+</sup> double doped nano lithium manganates (LiMn <sub>2</sub> -2x Ag <sub>x</sub> Y <sub>x</sub> O <sub>4</sub> ) for rechargeable batteries. <i>Materials Science-Poland</i> , 2014, 32, 315-323.	0.4	2
36	Synthesis, effect of $\beta$ -ray and electrical conductivity of uranium doped nano LiMn <sub>2</sub> O <sub>4</sub> spinels for applications as positive electrodes in Li-ion rechargeable batteries. <i>Materials Science-Poland</i> , 2014, 32, 571-577.	0.4	5

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37	Synthesis, spectral, electrochemical and X-ray single crystal studies on Ni(II) and Co(II) complexes derived from 1-benzoyl-3-(4-methylpyridin-2-yl) thiourea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 386-392.	2.0	19
38	Spectral studies on a series of metal ion complexes derived from pyrimidine nucleus, TEM, biological and $\beta$ -irradiation effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 751-761.	2.0	15
39	Co-ordinative properties of a tripodal trisamide ligand with a capped octahedral preference. <i>Dalton Transactions</i> , 2013, 42, 14826.	1.6	14
40	Synthesis, characterisation and evaluation of a novel copper-64 complex with selective uptake in EMT-6 cells under hypoxic conditions. <i>Dalton Transactions</i> , 2013, 42, 12005.	1.6	9
41	Co-ordination behaviour of a novel bithiourea tripodal ligand: structural, spectroscopic and electrochemical properties of a series of transition metal complexes. <i>Dalton Transactions</i> , 2012, 41, 4608.	1.6	17
42	rac-N-{6-[Bromo(hydroxy)methyl]-2-pyridyl}pivalamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o647-o647.	0.2	0
43	Facile Synthesis of ZSM-5/TiO <sub>2</sub> /Ni Novel Nanocomposite for the Efficient Photocatalytic Degradation of Methylene Blue Dye. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 0, , 1.	1.9	8