

Tarek A Fayed

List of Publications by Year in descending order

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35
papers

505
citations

623734

14
h-index

713466

21
g-index

35
all docs

35
docs citations

35
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional coordination polymers based on trimethyltin cation with nicotinic and isonicotinic acids as anticancer agents. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4066.	3.5	51
2	A novel chalcone-analogue as an optical sensor based on ground and excited states intramolecular charge transfer: A combined experimental and theoretical study. <i>Chemical Physics</i> , 2006, 324, 631-638.	1.9	46
3	Facile synthesis of superparamagnetic Fe ₃ O ₄ @noble metal core-shell nanoparticles by thermal decomposition and hydrothermal methods: comparative study and catalytic applications. <i>RSC Advances</i> , 2020, 11, 781-797.	3.6	31
4	Structural, thermogravimetric, B3LYP and biological studies on some heterocyclic thiosemicarbazide copper (II) complexes and evaluation of their molecular docking. <i>Journal of Molecular Structure</i> , 2018, 1151, 56-72.	3.6	29
5	Protonation Dependent Photoinduced Intramolecular Charge Transfer in 2-(p-Dimethylaminostyryl)Benzazoles. <i>Spectroscopy Letters</i> , 2003, 36, 375-386.	1.0	27
6	Metal complexes of chalcone analogue: Synthesis, characterization, DNA binding, molecular docking and antimicrobial evaluation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3951.	3.5	24
7	Intramolecular charge transfer emission of a new ketocyanine dye: Effects of hydrogen bonding and electrolyte. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 224, 38-45.	3.9	22
8	Synthesis, spectroscopic characterization and biological evaluation of a novel chemosensor with different metal ions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5133.	3.5	21
9	Structural, DFT/B3LYP and molecular docking studies of binuclear thiosemicarbazide Copper (II) complexes and their biological investigations. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5800.	3.5	20
10	Selective "on-off" switchable chemosensor for metal ions detection and its complexes. <i>Sensors and Actuators B: Chemical</i> , 2014, 205, 377-390.	7.8	19
11	Chalcone isothiocyanate-mesoporous silicates: Selective anchoring and toxic metal ions detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 56-68.	7.8	16
12	New Coordination Complexes of Cd(II) and Co(II) with Ethyl Isonicotinate Used for Catalytic Degradation of Acid Blue 92 Dye. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1391-1404.	3.7	16
13	Catalytic, Luminescence Activities and Structure of Metal-Organic Frameworks Containing CuCN Building Blocks and Bipodal Bridging Ligands. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 465-475.	3.7	15
14	Chalcones isothiocyanate anchored into mesoporous silicate: Synthesis, characterization and metal ions sensing response. <i>Microporous and Mesoporous Materials</i> , 2014, 198, 144-152.	4.4	15
15	Excited state properties of an aza-analogue of distyrylbenzene. Solvent polarity and hydrogen-bonding effects. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 376.	2.9	14
16	Synthesis, Characterization and Crystal Structure of New Organotin Copper Cyanide Three-Dimensional Supramolecular Coordination Polymer Containing Quinoxaline Molecule. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 36-42.	3.7	14
17	New Supramolecular Coordination Polymers Based on Cd(II) and Co(II) with Ethyl Nicotinate and Thiocyanate Ligands as Effective Catalysts for Removal of Organic Dyes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1148-1161.	3.7	14
18	Fluorescence characteristics and photostability of benzoxazole derived donor-acceptor dyes in constrained media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 366-371.	3.9	13

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19	Structure and Properties of Self-Assembled Ternary Adducts K ₃ [Cu(CN) ₄], Trimethyl Tin Chloride and 4-Methylpyrimidine. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 326-333.	3.7	13
20	Fluorescence quenching of aromatic hydrocarbons by nitroxide radicals: a mechanistic study. <i>International Journal of Photoenergy</i> , 1999, 1, 173-176.	2.5	12
21	Chemosensing hybrid materials: Chalcones- α -functionalized cage-like mesoporous SBA-16 material for highly selective detection of toxic metal ions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3751.	3.5	10
22	Benzothiazole azo derivatives as colorimetric probes for optical recognition of different metal ions and anions. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	9
23	Molecular aggregation, solvato- and acidochromic properties of symmetrical ketocyanines. <i>Journal of Chemical Sciences</i> , 2013, 125, 883-894.	1.5	8
24	Photo-induced interaction of thioglycolic acid (TGA)-capped CdTe quantum dots with cyanine dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 1-11.	3.9	7
25	Development of nanomaterial chemosensors for toxic metal ions sensing. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4868.	3.5	7
26	Simple, selective detection and efficient removal of toxic lead and silver metal ions using Acid Red 94. <i>RSC Advances</i> , 2019, 9, 8355-8363.	3.6	7
27	Structure and Spectral Characteristics of 3D-Supramolecular Coordination Polymers Based on Copper Cyanide and Dimethylquinoxaline. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 480-491.	3.7	5
28	Fluorescence Characteristics and Inclusion of ICT Fluorescent Probe in Organized Assemblies. <i>Journal of Fluorescence</i> , 2012, 22, 1101-1111.	2.5	5
29	Tunable Photophysical Behavior of a Novel Fluorescent Probe by Silver/Gold and Core-Shell NPs. <i>Plasmonics</i> , 2016, 11, 917-930.	3.4	4
30	Ultrasound-assisted nanoscaled supramolecular coordination polymer as an efficient recyclable catalyst for photocatalytic degradation of dye pollutants. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5301.	3.5	4
31	Self-assembly and Nano scaled Ni (II) Coordination Complex as an Efficient Catalyst and Luminescent Sensor. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1621-1641.	3.7	3
32	Photo-Induced Intermolecular Electron Transfer from Donating Amines to Accepting Diarylethenes in Different Solvents. <i>Journal of Solution Chemistry</i> , 2015, 44, 1757-1776.	1.2	2
33	Photophysics and (E/Z)-Photoisomerization of 1-(2-Naphthyl)-2-(2-benzothiazolyl)ethenes. <i>Monatshefte für Chemie</i> , 1999, 130, 1319-1331.	1.8	1
34	Kinetic Studies of the Oxidation of Coumarin-540 Laser Dye. <i>Monatshefte für Chemie</i> , 2000, 131, 749-759.	1.8	1
35	Optical, Fluorescence Lifetime, Sensing and DNA Binding Studies of a Laser Dye. <i>Journal of Solution Chemistry</i> , 2020, 49, 945-970.	1.2	0