

Ashanul Haque

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,248
citations

279487

23
h-index

223531

46
g-index

80
all docs

80
docs citations

80
times ranked

3029
citing authors

#	ARTICLE	IF	CITATIONS
1	Platinum Compounds: A Hope for Future Cancer Chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 296-306.	0.9	172
2	Next generation NIR fluorophores for tumor imaging and fluorescence-guided surgery: A review. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2017-2034.	1.4	159
3	Advances in Nano Drugs for Cancer Chemotherapy. <i>Current Cancer Drug Targets</i> , 2011, 11, 135-146.	0.8	140
4	Curcumin-I Knoevenagel's condensates and their Schiff's bases as anticancer agents: Synthesis, pharmacological and simulation studies. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3808-3820.	1.4	139
5	Rise of Conjugated Poly-ynes and Poly(Metalla-ynes): From Design Through Synthesis to Structure-Property Relationships and Applications. <i>Chemical Reviews</i> , 2018, 118, 8474-8597.	23.0	138
6	Synthesis, DNA binding, hemolysis assays and anticancer studies of copper(II), nickel(II) and iron(III) complexes of a pyrazoline-based ligand. <i>Future Medicinal Chemistry</i> , 2013, 5, 135-146.	1.1	120
7	Cyclometallated tridentate platinum(II) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , 2019, 48, 5547-5563.	18.7	111
8	Synthesis, DNA binding, hemolytic, and anti-cancer assays of curcumin I-based ligands and their ruthenium(III) complexes. <i>Medicinal Chemistry Research</i> , 2013, 22, 1386-1398.	1.1	107
9	Glutamic acid and its derivatives: candidates for rational design of anticancer drugs. <i>Future Medicinal Chemistry</i> , 2013, 5, 961-978.	1.1	87
10	Synthesis and synergistic antifungal activities of a pyrazoline based ligand and its copper(II) and nickel(II) complexes with conventional antifungals. <i>Microbial Pathogenesis</i> , 2012, 53, 66-73.	1.3	82
11	Phenothiazine-based derivatives for optoelectronic applications: A review. <i>Synthetic Metals</i> , 2019, 257, 116189.	2.1	69
12	Thalidomide: A Banned Drug Resurged into Future Anticancer Drug. <i>Current Drug Therapy</i> , 2012, 7, 13-23.	0.2	67
13	High efficiency small molecule-based donor materials for organic solar cells. <i>Organic Electronics</i> , 2018, 58, 53-62.	1.4	65
14	Separation and identification of curcuminoids in turmeric powder by HPLC using phenyl column. <i>Analytical Methods</i> , 2014, 6, 2526-2536.	1.3	55
15	Analyses of anticancer drugs by capillary electrophoresis: a review. <i>Biomedical Chromatography</i> , 2013, 27, 1296-1311.	0.8	52
16	Recent advances in the application of group-10 transition metal based catalysts in C-H activation and functionalization. <i>Journal of Organometallic Chemistry</i> , 2015, 793, 114-133.	0.8	48
17	Synthesis, characterization, and pharmacological studies of ferrocene-1H-1,2,3-triazole hybrids. <i>Journal of Molecular Structure</i> , 2017, 1146, 536-545.	1.8	41
18	A new brilliant red emitting Eu(III) ternary complex and its transparent flexible and photostable poly(urethane) hybrid thin film for optoelectronic applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 383, 111968.	2.0	38

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19	Synthesis and photo-physics of red emitting europium complexes: An estimation of the role of ancillary ligand by chemical partition of radiative decay rate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 370, 135-144.	2.0	34
20	Next Generation Antineoplastic Agents: A Review on Structurally Modified Vinblastine (VBL) Analogues. <i>Current Medicinal Chemistry</i> , 2018, 25, 1650-1662.	1.2	29
21	supported sodium alginate gel beads for improved adsorption of methylene blue dye. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 161-176.	3.6	28
22	Coordination chemistry and application of mono- and oligopyridine-based macrocycles. <i>Coordination Chemistry Reviews</i> , 2017, 350, 320-339.	9.5	27
23	Recent progress in coordination chemistry, photo-physical properties, and applications of pyridine-based Cu(I) complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3045-3076.	0.8	26
24	Interaction studies of cholinium-based ionic liquids with calf thymus DNA: Spectrophotometric and computational methods. <i>Journal of Molecular Liquids</i> , 2017, 237, 201-207.	2.3	25
25	Experimental and Theoretical Investigation for the Level of Conjugation in Carbazole-Based Precursors and Their Mono-, Di-, and Polynuclear Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 6465-6480.	1.9	24
26	Recent Advances in π -Conjugated N ⁺ C-Chelate Organoboron Materials. <i>Molecules</i> , 2020, 25, 2645.	1.7	22
27	Conjugated poly-ynes and poly(metalla-ynes) incorporating thiophene-based spacers for solar cell (SC) applications. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 13-33.	0.8	20
28	Experimental and theoretical characterization of organic salt: 2-((4-bromophenyl)amino) pyrido[1,2-a] quinoxalin-11-ium bromide monohydrate synthesized via oxidative cyclization. <i>Journal of Molecular Structure</i> , 2018, 1156, 457-464.	1.8	20
29	Impact of the Alkyne Substitution Pattern and Metalation on the Photoisomerization of Azobenzene-Based Platinum(II) Diynes and Polynes. <i>Inorganic Chemistry</i> , 2016, 55, 10955-10967.	1.9	19
30	Dicopper(I) Complexes Incorporating Acetylide-Functionalized Pyridinyl-Based Ligands: Synthesis, Structural, and Photovoltaic Studies. <i>Inorganic Chemistry</i> , 2018, 57, 12113-12124.	1.9	18
31	1,4-Disubstituted 1H-1,2,3-Triazoles for Renal Diseases: Studies of Viability, Anti-Inflammatory, and Antioxidant Activities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3823.	1.8	18
32	Functional Materials Based on Cyclometalated Platinum(II) η^2 -Diketonate Complexes: A Review of Structure-Property Relationships and Applications. <i>Materials</i> , 2021, 14, 4236.	1.3	17
33	Utilization of a Pt(π) di-yne chromophore incorporating a 2,2'-bipyridine-5,5'-diyl spacer as a chelate to synthesize a green and red emitting d^8f^8 heterotrinnuclear complex. <i>Dalton Transactions</i> , 2021, 50, 1465-1477.	1.6	16
34	Supramolecular Chiro-Biomedical Aspect of β -Blockers in Drug Development. <i>Current Drug Targets</i> , 2014, 15, 729-741.	1.0	15
35	Synthesis and photophysical properties of hetero trinuclear complexes of tris η^2 -diketonate Europium with organoplatinum chromophore. <i>Dyes and Pigments</i> , 2019, 162, 59-66.	2.0	14
36	η^1 -Acetylide complexes for biomedical applications: Features, challenges and future directions. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 95-106.	0.8	13

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37	Experimental and theoretical studies of a pyrazole-thiazolidin-2,4-dione hybrid. Journal of Molecular Structure, 2017, 1141, 417-427.	1.8	12
38	Exosomes: A Paradigm in Drug Development against Cancer and Infectious Diseases. Journal of Nanomaterials, 2018, 2018, 1-17.	1.5	12
39	Stereoselective interactions of chiral dipeptides on amylose based chiral stationary phases. Science China Chemistry, 2015, 58, 519-525.	4.2	11
40	Synthesis of 4-piperidone Based Curcuminoids with Anti-inflammatory and Anti-Proliferation Potential in Human Cancer Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 841-851.	0.9	11
41	Experimental and theoretical insight into resistance to glycation of bovine serum albumin. Journal of Molecular Structure, 2021, 1230, 129645.	1.8	10
42	From Waste to Schiff Base: Upcycling of Aminolysed Poly(ethylene terephthalate) Product. Polymers, 2022, 14, 1861.	2.0	10
43	Synthesis, structural and biological activity of N-substituted 2-methyl-4-/5-nitroimidazole derivatives. Journal of Molecular Structure, 2019, 1185, 440-449.	1.8	8
44	Two Is Better than One? Investigating the Effect of Incorporating Re(CO) ₃ Cl Side Chains into Pt(II) Dienes and Polyynes. Inorganic Chemistry, 2021, 60, 745-759.	1.9	8
45	Biomass-based composites from different sources. , 2017, , 45-76.		7
46	Fabrication of composites reinforced with lignocellulosic materials from agricultural biomass. , 2017, , 179-191.		6
47	Synthesis, characterization, anticancer and <i>in silico</i> studies of a pyrazole-tethered thiazolidine-2,4-dione derivative. Journal of Biomolecular Structure and Dynamics, 2022, 40, 13075-13082.	2.0	6
48	Crystal structure of (<i>E</i>)-2,6-di- <i>tert</i> -butyl-4-[[2-(2,4-dinitrophenyl)hydrazinylidene]methyl]phenol. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 96-98.	0.2	5
49	Synthesis and characterization of axially modified Zn(II) porphyrin complexes for methylene blue dye oxidative degradation. Journal of Molecular Structure, 2021, 1243, 130791.	1.8	5
50	Electronic and steric effects of platinum(<i>ii</i>) di-yne and poly-yne substituents on the photo-switching behaviour of stilbene: experimental and theoretical insights. Dalton Transactions, 2021, 50, 2555-2569.	1.6	5
51	Synthesis, characterization and photocell studies of a Pt(II) poly-yne covalently attached to a fullerene. Journal of Organometallic Chemistry, 2017, 842, 32-38.	0.8	5
52	Synthesis, structural, photo-physical properties and DFT studies of some diarylheptanoids. Journal of Molecular Structure, 2022, 1264, 133254.	1.8	5
53	Stereoselective total synthesis of (â ⁺)-galantinic acid and 1-deoxy-5-hydroxysphingolipids via prins cyclization. Tetrahedron Letters, 2020, 61, 152149.	0.7	4
54	Thioxanthone-based organic probe with aggregation enhanced emission and exceptional mineral acids sensing abilities. Journal of Molecular Structure, 2021, 1224, 129004.	1.8	4

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55	Pyridoxal (thio) Semicarbazone Ligands and Their Fe(III) Complexes as Potential Electrocatalysts for Hydrogen Evolution Reaction. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210731.	0.5	4
56	Synthesis and Characterization of a Thienopyrazine-based Low Band-gap Poly(arylene ethynylene) and Photocell Studies of the Poly-yne/Perylene Dye Blend with Broad Photocurrent Spectrum. <i>Current Organic Chemistry</i> , 2017, 21, .	0.9	4
57	Two novel pyrazine Zn(II)-porphyrins complexes: Synthesis, photophysical properties, structure study, DFT-Calculation and assessment of an azo dye removal from aqueous solution. <i>Journal of Solid State Chemistry</i> , 2022, 310, 123048.	1.4	4
58	Synthesis, optical spectroscopy, structural, and DFT studies on dimeric iodo-bridged Copper(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2019, 892, 75-82.	0.8	3
59	Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-poly-ynes. <i>New Journal of Chemistry</i> , 2021, 45, 15082-15095.	1.4	3
60	Electrocatalytic hydrogen evolution upon reduction of pyridoxal semicarbazone and thiosemicarbazone-based Cu(II) complexes. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 345-354.	0.4	3
61	Hydrogen Evolution Reaction Performance of Co(II) and Co(III) Complexes Based on pyridoxal (thio)semicarbazones. <i>Journal of the Chemical Society of Pakistan</i> , 2021, 43, 673-673.	0.1	3
62	Crystal structure of (E)-2-[[4-(4-anilinophenyl)imino]methyl]-4-nitrophenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 112-114.	0.2	2
63	A transition metal-catalyzed enyne metathesis for the preparation of pyrrolizidine alkaloid core: Application towards the total synthesis of stemaphylline. <i>Tetrahedron Letters</i> , 2021, 68, 152906.	0.7	2
64	A novel meso-tetrakis(2,4,6-trimethylphenyl) porphyrinato ([Zn(TMP)(4,4'-bpy)]) complex: Synthesis, characterization, and application. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108716.	1.8	2
65	Synthesis and electrochemical properties of a nickel(II) thiacalix[4]arene-based electrocatalyst for the hydrogen evolution reaction. <i>Journal of Chemical Research</i> , 2022, 46, 174751982211091.	0.6	2
66	NEW GENERATION HALO COLUMN FOR FAST ANALYSES OF ASPIRIN AND ATORVASTATIN IN PHARMACEUTICAL PREPARATION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 261-273.	0.5	1
67	Biomass nanofibrillar cellulose in nanocomposites. , 2017, , 305-326.		1
68	Crystal structure and DFT study of E: <i>Crystallographic Communications</i> , 2017, 73, 1449-1452.	0.2	1
69	Epoxy Resin with Amphiphilic Ionic Liquid as Hydrophobic Organic Coating for Steel. <i>International Journal of Electrochemical Science</i> , 0, , ArticleID:210625.	0.5	1
70	Nanoparticles Modified With Cationic Thiol Surfactant as Efficient Inhibitors for the Corrosion of Carbon Steel. <i>Journal of Electrochemical Science and Technology</i> , 2021, 12, 308-316.	0.9	1
71	Heterometal Grafted Metallaynes and Poly(metallaynes): A Review on Structure-Property Relationships and Applications. <i>Polymers</i> , 2021, 13, 3654.	2.0	1
72	Emerging trends in ionic liquid-based drugs: An update. , 2021, , 293-301.		0

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73	Synthesis and structural characterization of hexa- $\frac{1}{4}$ -chlorido- $\frac{1}{4}$ -oxido-tetrakis{[4-(phenylethynyl)pyridine- \hat{N}]copper(II)} dichloromethane monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 42-46.	0.2	0
74	Crystal structure of (<i>E</i>)- N^{1} -[(anthracen-9-yl)methylidene]- N^{4} -phenylbenzene-1,4-diamine. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 137-140.	0.2	0
75	Crystal structure of 4,4-dinitro-[1,1-biphenyl]-2-amine. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 550-552.	0.2	0
76	Tuning the Band-gap of Pt(II) Di-ynes and Poly-ynes by Incorporating Cl(CO) ₃ Re(I) side-chain. International Journal of Computational Physics Series, 2018, 1, 45.	0.3	0
77	Conjugated Poly(metalla-ynes). , 2022, , .		0
78	Synthesis of Mixed Arylalkyl Tertiary Phosphines via the Grignard Approach. Molecules, 2022, 27, 4253.	1.7	0