

# 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	Electrocatalytic hydrogen evolution upon reduction of pyridoxal semicarbazone and thiosemicarbazone-based Cu(II) complexes. Journal of the Serbian Chemical Society, 2022, 87, 345-354.	0.4	3
2	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
3	supported sodium alginate gel beads for improved adsorption of methylene blue dye. International Journal of Biological Macromolecules, 2022, 202, 161-176.	3.6	28
4	Conjugated Poly(metallaynes). , 2022, , .		0
5	Two novel pyrazine Zn(II)-porphyrins complexes: Synthesis, photophysical properties, structure study, DFT-Calculation and assessment of an azo dye removal from aqueous solution. Journal of Solid State Chemistry, 2022, 310, 123048.	1.4	4
6	From Waste to Schiff Base: Upcycling of Aminolysed Poly(ethylene terephthalate) Product. Polymers, 2022, 14, 1861.	2.0	10
7	Synthesis, structural, photo-physical properties and DFT studies of some diarylheptanoids. Journal of Molecular Structure, 2022, 1264, 133254.	1.8	5
8	Synthesis and electrochemical properties of a nickel(II) thiacalix[4]arene-based electrocatalyst for the hydrogen evolution reaction. Journal of Chemical Research, 2022, 46, 174751982211091.	0.6	2
9	Synthesis of Mixed Arylalkyl Tertiary Phosphines via the Grignard Approach. Molecules, 2022, 27, 4253.	1.7	0
10	Thioxanthone-based organic probe with aggregation enhanced emission and exceptional mineral acids sensing abilities. Journal of Molecular Structure, 2021, 1224, 129004.	1.8	4
11	Utilization of a Pt( <i>di</i> -yne chromophore incorporating a 2,2'-bipyridine-5,5'-diyl spacer as a chelate to synthesize a green and red emitting d <sup>8</sup> heterotrinnuclear complex. Dalton Transactions, 2021, 50, 1465-1477.	1.6	16
12	Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-polyynes. New Journal of Chemistry, 2021, 45, 15082-15095.	1.4	3
13	Emerging trends in ionic liquid-based drugs: An update. , 2021, , 293-301.		0
14	A transition metal-catalyzed enyne metathesis for the preparation of pyrrolizidine alkaloid core: Application towards the total synthesis of stemphylline. Tetrahedron Letters, 2021, 68, 152906.	0.7	2
15	Experimental and theoretical insight into resistance to glycation of bovine serum albumin. Journal of Molecular Structure, 2021, 1230, 129645.	1.8	10
16	Pyridoxal (thio) Semicarbazone Ligands and Their Fe(III) Complexes as Potential Electrocatalysts for Hydrogen Evolution Reaction. International Journal of Electrochemical Science, 2021, 16, 210731.	0.5	4
17	Functional Materials Based on Cyclometalated Platinum(II) $\eta^2$ -Diketonate Complexes: A Review of Structure-Property Relationships and Applications. Materials, 2021, 14, 4236.	1.3	17
18	Nanoparticles Modified With Cationic Thiol Surfactant as Efficient Inhibitors for the Corrosion of Carbon Steel. Journal of Electrochemical Science and Technology, 2021, 12, 308-316.	0.9	1

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19	A novel meso-tetrakis(2,4,6-trimethylphenyl) porphyrinato ([Zn(TMP)(4,4- $\text{bpy}$ )] complex: Synthesis, characterization, and application. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108716.	1.8	2
20	Synthesis and characterization of axially modified Zn(II) porphyrin complexes for methylene blue dye oxidative degradation. <i>Journal of Molecular Structure</i> , 2021, 1243, 130791.	1.8	5
21	Electronic and steric effects of platinum( $\text{d}^8$ ) di-yne and poly-yne substituents on the photo-switching behaviour of stilbene: experimental and theoretical insights. <i>Dalton Transactions</i> , 2021, 50, 2555-2569.	1.6	5
22	Synthesis and structural characterization of hexa- $\mu_2$ -chlorido- $\mu_4$ -oxido-tetrakis{[4-(phenylethynyl)pyridine- $\text{N}$ ]copper(II)} dichloromethane monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 42-46.	0.2	0
23	Two Is Better than One? Investigating the Effect of Incorporating $\text{Re}(\text{CO})_3\text{Cl}$ Side Chains into Pt(II) Dienes and Polyynes. <i>Inorganic Chemistry</i> , 2021, 60, 745-759.	1.9	8
24	Heterometal Grafted Metalla-ynes and Poly(metalla-ynes): A Review on Structure-Property Relationships and Applications. <i>Polymers</i> , 2021, 13, 3654.	2.0	1
25	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
26	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
27	Recent Advances in $\text{C}^{\text{N}}$ -Conjugated $\text{N}^{\text{C}}$ -Chelate Organoboron Materials. <i>Molecules</i> , 2020, 25, 2645.	1.7	22
28	Stereoselective total synthesis of ( $\alpha$ )-galantinic acid and 1-deoxy-5-hydroxysphingolipids via prins cyclization. <i>Tetrahedron Letters</i> , 2020, 61, 152149.	0.7	4
29	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
30	Phenothiazine-based derivatives for optoelectronic applications: A review. <i>Synthetic Metals</i> , 2019, 257, 116189.	2.1	69
31	$\text{C}^{\text{N}}$ -Acetylide complexes for biomedical applications: Features, challenges and future directions. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 95-106.	0.8	13
32	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
33	Synthesis, structural and biological activity of N-substituted 2-methyl-4/5-nitroimidazole derivatives. <i>Journal of Molecular Structure</i> , 2019, 1185, 440-449.	1.8	8
34	Cyclometallated tridentate platinum( $\text{d}^8$ ) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , 2019, 48, 5547-5563.	18.7	111
35	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
36	Synthesis and photophysical properties of hetero trinuclear complexes of tris $\beta^2$ -diketonate Europium with organoplatinum chromophore. <i>Dyes and Pigments</i> , 2019, 162, 59-66.	2.0	14

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37	High efficiency small molecule-based donor materials for organic solar cells. <i>Organic Electronics</i> , 2018, 58, 53-62.	1.4	65
38	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
39	Exosomes: A Paradigm in Drug Development against Cancer and Infectious Diseases. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-17.	1.5	12
40	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
41	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
42	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
43	Next Generation Antineoplastic Agents: A Review on Structurally Modified Vinblastine (VBL) Analogues. <i>Current Medicinal Chemistry</i> , 2018, 25, 1650-1662.	1.2	29
44	Tuning the Band-gap of Pt(II) Di-ynes and Poly-ynes by Incorporating Cl(CO) <sub>3</sub> Re(I) side-chain. <i>International Journal of Computational Physics Series</i> , 2018, 1, 45.	0.3	0
45	Crystal structure of (E)-2,6-di-tert-butyl-4-[[2-(2,4-dinitrophenyl)hydrazinylidene]methyl]phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 96-98.	0.2	5
46	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
47	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
48	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
49	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
50	Experimental and theoretical studies of a pyrazole-thiazolidin-2,4-dione hybrid. <i>Journal of Molecular Structure</i> , 2017, 1141, 417-427.	1.8	12
51	Coordination chemistry and application of mono- and oligopyridine-based macrocycles. <i>Coordination Chemistry Reviews</i> , 2017, 350, 320-339.	9.5	27
52	Fabrication of composites reinforced with lignocellulosic materials from agricultural biomass. , 2017, , 179-191.		6
53	Biomass nanofibrillar cellulose in nanocomposites. , 2017, , 305-326.		1
54	Biomass-based composites from different sources. , 2017, , 45-76.		7

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55	Crystal structure and DFT study of E: Crystallographic Communications, 2017, 73, 1449-1452.	0.2	1
56	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
57	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. Current Organic Chemistry, 2017, 21, .	0.9	4
58	Crystal structure of ( <i>E</i> )-N <sup>1</sup> -(anthracen-9-yl)methylidene-N <sup>4</sup> -phenylbenzene-1,4-diamine. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 137-140.	0.2	0
59	Crystal structure of 4,4-dinitro-[1,1'-biphenyl]-2-amine. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 550-552.	0.2	0
60	Impact of the Alkyne Substitution Pattern and Metalation on the Photoisomerization of Azobenzene-Based Platinum(II) Dienes and Polynes. Inorganic Chemistry, 2016, 55, 10955-10967.	1.9	19
61	Experimental and Theoretical Investigation for the Level of Conjugation in Carbazole-Based Precursors and Their Mono-, Di-, and Polynuclear Pt(II) Complexes. Inorganic Chemistry, 2016, 55, 6465-6480.	1.9	24
62	Conjugated poly-ynes and poly(metalla-yne)s incorporating thiophene-based spacers for solar cell (SC) applications. Journal of Organometallic Chemistry, 2016, 812, 13-33.	0.8	20
63	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
64	Recent advances in the application of group-10 transition metal based catalysts in C-H activation and functionalization. Journal of Organometallic Chemistry, 2015, 793, 114-133.	0.8	48
65	Stereoselective interactions of chiral dipeptides on amylose based chiral stationary phases. Science China Chemistry, 2015, 58, 519-525.	4.2	11
66	Separation and identification of curcuminoids in turmeric powder by HPLC using phenyl column. Analytical Methods, 2014, 6, 2526-2536.	1.3	55
67	Supramolecular Chiro-Biomedical Aspect of &#946;-Blockers in Drug Development. Current Drug Targets, 2014, 15, 729-741.	1.0	15
68	NEW GENERATION HALO COLUMN FOR FAST ANALYSES OF ASPIRIN AND ATORVASTATIN IN PHARMACEUTICAL PREPARATION. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 261-273.	0.5	1
69	Synthesis, DNA binding, hemolytic, and anti-cancer assays of curcumin I-based ligands and their ruthenium(III) complexes. Medicinal Chemistry Research, 2013, 22, 1386-1398.	1.1	107
70	Synthesis, DNA binding, hemolysis assays and anticancer studies of copper(II), nickel(II) and iron(III) complexes of a pyrazoline-based ligand. Future Medicinal Chemistry, 2013, 5, 135-146.	1.1	120
71	Glutamic acid and its derivatives: candidates for rational design of anticancer drugs. Future Medicinal Chemistry, 2013, 5, 961-978.	1.1	87
72	Curcumin-I Knoevenagel's condensates and their Schiff's bases as anticancer agents: Synthesis, pharmacological and simulation studies. Bioorganic and Medicinal Chemistry, 2013, 21, 3808-3820.	1.4	139

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73	Analyses of anticancer drugs by capillary electrophoresis: a review. <i>Biomedical Chromatography</i> , 2013, 27, 1296-1311.	0.8	52
74	Platinum Compounds: A Hope for Future Cancer Chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 296-306.	0.9	172
75	Thalidomide: A Banned Drug Resurged into Future Anticancer Drug. <i>Current Drug Therapy</i> , 2012, 7, 13-23.	0.2	67
76	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
77	Advances in Nano Drugs for Cancer Chemotherapy. <i>Current Cancer Drug Targets</i> , 2011, 11, 135-146.	0.8	140
78	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