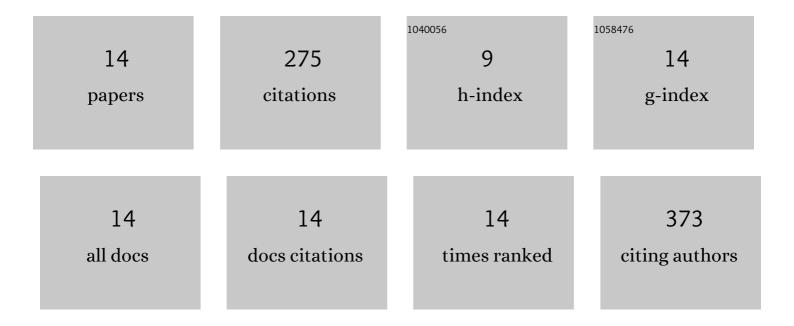
Mo Ashafaq

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Silica–Organometallic One-Dimensional Hybrid Employing a Agâ^'Ï€ _{Câ•€} Bond Connecting Alternating Ag ₄ (NO ₃) ₄ and Octavinylsilsesquioxane. Inorganic Chemistry, 2021, 60, 2899-2904.	4.0	6
2	Tuning biological activity in dinuclear Cu (II) complexes derived from pyrazine ligands: Structure, magnetism, catecholase, antimicrobial, antibiofilm, and antibreast cancer activity. Applied Organometallic Chemistry, 2021, 35, e6221.	3.5	5
3	A new antiferromagnetic Dy ₆ oxido-material as a multifunctional aqueous phase sensor for picric acid as well as Fe ³⁺ ions. Materials Advances, 2020, 1, 3518-3531.	5.4	2
4	A Zn-Based Fluorescent Coordination Polymer as Bifunctional Sensor: Sensitive and Selective Aqueous-Phase Detection of Picric Acid and Heavy Metal Ion. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4496-4509.	3.7	20
5	Synthesis, characterization and DFT studies of water stable Cd(II) metal–organic clusters with better adsorption property towards the organic pollutant in waste water. Inorganica Chimica Acta, 2020, 512, 119872.	2.4	23
6	Exploring catecholase activity in dinuclear Mn(<scp>ii</scp>) and Cu(<scp>ii</scp>) complexes: an experimental and theoretical approach. New Journal of Chemistry, 2020, 44, 7998-8009.	2.8	23
7	Synthesis, structure and DNA binding properties of a homodinuclear Cu(II) complex: An experimental and theoretical approach. Journal of Molecular Structure, 2019, 1176, 283-289.	3.6	24
8	Synthesis, spectral and crystallographic study, DNA binding and molecular docking studies of homo dinuclear Co(II) and Ni(II) complexes. Journal of Molecular Structure, 2019, 1175, 889-899.	3.6	36
9	Crystal Engineering and Magnetostructural Properties of Newly Designed Azide/Acetate-Bridged Mn ₁₂ Coordination Polymers. Crystal Growth and Design, 2019, 19, 2366-2379.	3.0	4
10	Therapeutic potential of luteolin in transgenic Drosophila model of Alzheimer's disease. Neuroscience Letters, 2019, 692, 90-99.	2.1	63
11	Synthesis, structure and magnetic studies of lanthanide metal–organic frameworks (Ln–MOFs): Aqueous phase highly selective sensors for picric acid as well as the arsenic ion. Polyhedron, 2018, 139, 131-141.	2.2	34
12	Structural characterization, magnetic studies, and catecholase-like activities of Mn ₁₂ clusters. Journal of Coordination Chemistry, 2018, 71, 2118-2145.	2.2	9
13	Design, Structural Characterization and Catalytic Activity of Incomplete Dicubane Clusters of N-Substituted Diethanolamines. Journal of Cluster Science, 2017, 28, 1355-1377.	3.3	4
14	New hybrid polyoxovanadate–Cu complex with Vâ‹⁻H interactions and dual aqueous-phase sensing properties for picric acid and Pd ²⁺ : X-ray analysis, magnetic and theoretical studies, and mechanistic insights into the hybrid's sensing capabilities. Journal of Materials Chemistry C, 2017, 5, 9315-9330.	5.5	22