

# Abdullah A Alotaibi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Elaboration, Crystal Structure, Physicochemical Characterization and DFT Theoretical Calculation of a New Cd(II) Complex [C <sub>9</sub> H <sub>14</sub> N] <sub>2</sub> CdCl <sub>4</sub> . Journal of Cluster Science, 2022, 33, 697-705.	3.3	2
2	Stabilization of hexachloride net with mixed Sn(IV) metal complex and 2,3-dimethylanilinium organic cation: elaboration, optical, spectroscopic, computational studies and thermal analysis. Chemical Papers, 2022, 76, 1861-1873.	2.2	5
3	A new Hg(II) hybrid compound (C <sub>6</sub> H <sub>9</sub> N <sub>2</sub> )[Hg <sub>6</sub> Cl <sub>13</sub> ]·H <sub>2</sub> O elaboration, crystal structure, spectroscopic, thermal, and DFT theoretical calculations. Chemical Papers, 2022, 76, 2327-2340.	2.2	7
4	Stabilization of Tetrachloride with Mn (II) and Co (II) Complexes and 4-Tert-Butylpyridinium Organic Cation: Elaboration of the Structure and Hirshfeld Surface, Optical, Spectroscopic and Thermal Analyses. Crystals, 2022, 12, 140.	2.2	4
5	The Coordination Behavior of Two New Complexes, [(C <sub>7</sub> H <sub>10</sub> NO <sub>2</sub> )CdCl <sub>3</sub> ] <sub>n</sub> (I) and [(C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub> )CuCl <sub>2</sub> ] <sub>n</sub> (II), Based on 2,6-Dimethanopyridine; Elaboration of the Structure and Hirshfeld Surface, Optical, Spectroscopic and Thermal Analysis. Materials, 2022, 15, 1624.	2.9	11
6	A New Cu(II) Metal Complex Template with 4-tert-Butyl-Pyridinium Organic Cation: Synthesis, Structure, Hirshfeld Surface, Characterizations and Antibacterial Activity. Crystals, 2022, 12, 254.	2.2	6
7	Synthesis of New Homopiperazine-1,4-Diium Tetrachloridromercurate (II) Monohydrate (C <sub>5</sub> H <sub>14</sub> N <sub>2</sub> )[HgCl <sub>4</sub> ]·H <sub>2</sub> O, Crystal Structure, Hirshfeld Surface, Spectroscopy, Thermal Analysis, Antioxidant Activity, Electric and Dielectric Behavior. Crystals, 2022, 12, 486.	2.2	4
8	Investigation of the mechanical and electrical properties of SnS filled PVP/PVA polymeric composite blends. Journal of Polymer Research, 2021, 28, 1.	2.4	29
9	Synthesis, Crystal Structure, DFT Theoretical Calculation and Physico-Chemical Characterization of a New Complex Material (C <sub>6</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> ) <sub>2</sub> [Cd <sub>3</sub> Cl <sub>10</sub> ]·6H <sub>2</sub> O. Crystals, 2021, 11, 553.	2.2	7
10	Synthesis, Crystal Structure, Hirshfeld Surface, and Physicochemical Characterization of New Salt Bis(2-ethyl-6-methylanilinium)tetrachloromercurate (II) [C <sub>9</sub> H <sub>14</sub> N] <sub>2</sub> HgCl <sub>4</sub> . Journal of Chemistry, 2021, 1-13.	1.9	8
11	Polyaniline: Doping and Functionalization with Single Walled Carbon Nanotubes for Photovoltaic and Photocatalytic Application. Polymers, 2021, 13, 2595.	4.5	8
12	Fabrication of Polysulfone-Surface Functionalized Mesoporous Silica Nanocomposite Membranes for Removal of Heavy Metal Ions from Wastewater. Membranes, 2021, 11, 935.	3.0	12
13	Structural, dielectric and electrical characterization of (Co) <sub>x</sub> (Ni/bentonite) composites. Journal of Taibah University for Science, 2020, 14, 1193-1200.	2.5	3
14	Elaboration, crystal structure, physico-chemical characterization and theoretical investigation of a new non-centrosymmetric Sn(IV) complex (C <sub>4</sub> H <sub>12</sub> N <sub>2</sub> )[SnCl <sub>6</sub> ]·3H <sub>2</sub> O. Journal of Molecular Structure, 2020, 1216, 128296.	3.6	8
15	The crystal structure of 2-(3-(4-bromophenyl)-5-(4-fluorophenyl)-4,5-dihydro-1H-pyrazol-1-yl)-8H-indeno[1,2-d]thiazole. C <sub>25</sub> H <sub>17</sub> BrFN <sub>3</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 897-899.	0.3	7
16	The crystal structure of 5-(2-(4-fluorophenyl)hydrazono)-4-methyl-2-((3-(5-methyl-1-(4-methylphenyl)-1H-1,2,3-triazol-4-yl)-1-phenyl-1H-pyrazol-4-yl)amino)-N,N-dimethylmethanamine. C <sub>30</sub> H <sub>25</sub> FN <sub>10</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 915-917.	0.3	2
17	Structure, Dielectric Permittivity, and AC Conductivity of Cobalt and Lanthanum Doped TiO <sub>2</sub> Composites. Arabian Journal for Science and Engineering, 0, 1.	3.0	0