

# Agnieszka Jabłońska-Wawrzycka

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

358  
citations

759233

12  
h-index

794594

19  
g-index

23  
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23  
docs citations

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times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in coordination chemistry of metal complexes based on nitrogen heteroaromatic alcohols. Synthesis, structures and potential applications. <i>Coordination Chemistry Reviews</i> , 2016, 327-328, 242-270.	18.8	48
2	Ruthenium complexes in different oxidation states: synthesis, crystal structure, spectra and redox properties. <i>Dalton Transactions</i> , 2013, 42, 6092.	3.3	33
3	Coordination chemistry of 2-hydroxymethylbenzimidazole complexes with copper(II) and cadmium(II) ions: Similarities and differences. <i>Polyhedron</i> , 2008, 27, 3500-3508.	2.2	29
4	Comparative study on Cd(II) and Ca(II) model complexes with pyridine-2,3-dicarboxylic acid: Synthesis, crystal structure and spectroscopic investigation. <i>Polyhedron</i> , 2010, 29, 1191-1200.	2.2	25
5	Synthesis, crystal structure and NMR investigation of novel Ca(II) complexes with heterocyclic alcohol, aldehyde and carboxylate ligands. Evaluation of Ca(II) and Cd(II) analogues for anticancer activity. <i>Inorganica Chimica Acta</i> , 2013, 399, 85-94.	2.4	23
6	Eight- and six-coordinated Mn(II) complexes of heteroaromatic alcohol and aldehyde: Crystal structure, spectral, magnetic, thermal and antibacterial activity studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 632-642.	3.9	21
7	A comparison of the coordination geometries of some 4-methylimidazole-5-carbaldehyde complexes with Zn(II), Cd(II) and Co(II) ions in the solid state and aqueous solution. <i>Polyhedron</i> , 2005, 24, 627-637.	2.2	20
8	A novel single-site manganese(ii) complex of a pyridine derivative as a catalase mimetic for disproportionation of H <sub>2</sub> O <sub>2</sub> in water. <i>Dalton Transactions</i> , 2013, 42, 7761.	3.3	18
9	Synthesis, crystal structure and cytotoxic activity of ruthenium(II) piano-stool complex with N,N-chelating ligand. <i>Journal of Molecular Structure</i> , 2016, 1126, 74-82.	3.6	16
10	The synthesis and structural characterization of novel zinc and cadmium complexes of chelating alcohol. <i>Inorganic Chemistry Communication</i> , 2005, 8, 951-954.	3.9	15
11	Cadmium(II) and calcium(II) complexes with N,O-bidentate ligands derived from pyrazinecarboxylic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 971-978.	3.6	15
12	Synthesis, X-ray structure and spectroscopic investigation of an eight-coordinate cadmium(II) complex. <i>Journal of Coordination Chemistry</i> , 2005, 58, 203-208.	2.2	13
13	Morphological changes in <i>Proteus mirabilis</i> O18 biofilm under the influence of a urease inhibitor and a homoserine lactone derivative. <i>Archives of Microbiology</i> , 2014, 196, 169-177.	2.2	13
14	A benzimidazole-based ruthenium(IV) complex inhibits <i>Pseudomonas aeruginosa</i> biofilm formation by interacting with siderophores and the cell envelope, and inducing oxidative stress. <i>Biofouling</i> , 2019, 35, 59-74.	2.2	12
15	Novel eight-coordinated Cd(II) complexes with two homologous pyridine alcohols. Crystal structure, spectroscopic and thermal properties. <i>Journal of Molecular Structure</i> , 2012, 1012, 97-104.	3.6	11
16	Ligation of alkoxymethylimidazoles towards cadmium(II) and zinc(II). X-ray, spectroscopic, thermal and potentiometric investigation. <i>Transition Metal Chemistry</i> , 2005, 30, 221-228.	1.4	8
17	Synthesis, Structural Characterization and Antimicrobial Evaluation of Ruthenium Complexes with Heteroaromatic Carboxylic Acids. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900403.	2.1	7
18	Ruthenium(IV) Complexes as Potential Inhibitors of Bacterial Biofilm Formation. <i>Molecules</i> , 2020, 25, 4938.	3.8	7

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19	Ruthenium Complexes with 2-Pyridin-2-yl-1H-benzimidazole as Potential Antimicrobial Agents: Correlation between Chemical Properties and Anti-Biofilm Effects. International Journal of Molecular Sciences, 2021, 22, 10113.	4.1	7
20	Thermoanalytical study of selected transition bivalent metal complexes with 5-carbaldehyde-4-methylimidazole. Journal of Thermal Analysis and Calorimetry, 2012, 109, 735-743.	3.6	6
21	Similarities and differences of thermal behaviour of 2-hydroxymethylbenzimidazole complexes with Zn(II) and Cd(II) ions. Journal of Thermal Analysis and Calorimetry, 2010, 101, 463-469.	3.6	4
22	Tuning Anti-Biofilm Activity of Manganese(II) Complexes: Linking Biological Effectiveness of Heteroaromatic Complexes of Alcohol, Aldehyde, Ketone, and Carboxylic Acid with Structural Effects and Redox Activity. International Journal of Molecular Sciences, 2021, 22, 4847.	4.1	4
23	Zinc(II) complexes with heterocyclic ether, acid and amide. Crystal structure, spectral, thermal and antibacterial activity studies. Journal of Molecular Structure, 2016, 1105, 357-369.	3.6	3