

# Aleksandra Kowalczyk

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

427  
citations

759233

12  
h-index

752698

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

736  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzannulation of a ditopic ligand to afford mononuclear and dinuclear Ir(III) complexes with intense phosphorescence: applications in singlet oxygen generation and bioimaging. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1870-1877.	5.5	6
2	Ligand design and nuclearity variation towards dual emissive Pt(II) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5636-5647.	5.5	4
3	Design of DNA Intercalators Based on 4-Carboranyl-1,8-Naphthalimides: Investigation of Their DNA-Binding Ability and Anticancer Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4598.	4.1	5
4	Chemistry of glycol nucleic acid (GNA): Synthesis, photophysical characterization and insight into the biological activity of phenanthrenyl GNA constituents. <i>Bioorganic Chemistry</i> , 2022, 125, 105847.	4.1	3
5	Design, Synthesis, and Evaluation of Novel 3-Carboranyl-1,8-Naphthalimide Derivatives as Potential Anticancer Agents. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2772.	4.1	15
6	Thiosemicarbazide Derivatives Decrease the ATPase Activity of Staphylococcus aureus Topoisomerase IV, Inhibit Mycobacterial Growth, and Affect Replication in Mycobacterium smegmatis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3881.	4.1	8
7	Stereo-Defined Ferrocenyl Glycol Nucleic Acid (Fc-GNA) Constituents: Synthesis, Electrochemistry, Mechanism of Formation, and Anticancer Activity Studies. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2171-2181.	2.0	2
8	Antimicrobial activity and toxicological risk assessment of silver nanoparticles synthesized using an eco-friendly method with <i>Gloeophyllum striatum</i> . <i>Journal of Hazardous Materials</i> , 2021, 418, 126316.	12.4	28
9	Production of recombinant colicin M in <i>Nicotiana tabacum</i> plants and its antimicrobial activity. <i>Plant Biotechnology Reports</i> , 2020, 14, 33-43.	1.5	12
10	Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 1403-1415.	3.3	26
11	Metalloenyl 7-ACA Conjugates: Antibacterial Activity Studies and Atomic-Resolution X-ray Crystal Structure with CTX- $\beta$ -Lactamase. <i>ChemBioChem</i> , 2020, 21, 2187-2195.	2.6	9
12	Near Infrared Phosphorescent Dinuclear Ir(III) Complex Exhibiting Unusually Slow Intersystem Crossing and Dual Emissive Behavior. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5849-5855.	4.6	27
13	Redox-Active Glycol Nucleic Acid (GNA) Components: Synthesis and Properties of the Ferrocenyl-GNA Nucleoside, Phosphoramidite, and Semicanonical Dinucleoside Phosphate. <i>Organometallics</i> , 2020, 39, 813-823.	2.3	14
14	Luminescent pyrenyl-GNA nucleosides: synthesis, photophysics and confocal microscopy studies in cancer HeLa cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2449-2460.	2.9	8
15	Luminescent $[\text{Re}(\text{CO})_3(\text{phen})]$ carboxylato complexes with non-steroidal anti-inflammatory drugs: synthesis and mechanistic insights into the <i>in vitro</i> anticancer activity of $[\text{Re}(\text{CO})_3(\text{phen})(\text{aspirin})]$ . <i>New Journal of Chemistry</i> , 2019, 43, 573-583.	2.8	32
16	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. <i>Dyes and Pigments</i> , 2019, 170, 107554.	3.7	8
17	Antibacterial action of (5-nitrofurfuryl)-derived aminophosphonates and their parent imines. <i>Chemical Papers</i> , 2019, 73, 365-374.	2.2	3
18	Synthesis and Evaluation of Biological Activities of Aziridine Derivatives of Urea and Thiourea. <i>Molecules</i> , 2018, 23, 45.	3.8	17

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19	Synthesis and antibacterial activity of 1,4-dibenzoylthiosemicarbazide derivatives. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1235-1242.	5.6	12
20	Biological evaluation and molecular modelling study of thiosemicarbazide derivatives as bacterial type IIA topoisomerases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 14-22.	5.2	18
21	Determination of the Primary Molecular Target of 1,2,4-Triazole-Ciprofloxacin Hybrids. <i>Molecules</i> , 2015, 20, 6254-6272.	3.8	25
22	Search for factors affecting antibacterial activity and toxicity of 1,2,4-triazole-ciprofloxacin hybrids. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 94-103.	5.5	60
23	Structure-activity Relationship Studies of Microbiologically Active Thiosemicarbazides Derived from Hydroxybenzoic Acid Hydrazides. <i>Chemical Biology and Drug Design</i> , 2015, 85, 315-325.	3.2	14
24	Molecular Properties Prediction, Docking Studies, and Antimicrobial Screening of 1,3,4-Thiadiazole and s-Triazole Derivatives. <i>Current Computer-Aided Drug Design</i> , 2014, 10, 3-14.	1.2	9
25	Synthesis and evaluation of antimicrobial activity of hydrazones derived from 3-oxido-1H-imidazole-4-carbohydrazides. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 389-395.	5.5	59
26	Search for Molecular Basis of Antifungal Activity of Thiosemicarbazide Derivatives: A Combined in vitro Antifungal and Enzymatic Studies with in Silico Docking. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 2-10.	0.7	3