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	Search for factors affecting antibacterial activity and toxicity of 1,2,4-triazole-ciprofloxacin hybrids. European Journal of Medicinal Chemistry, 2015, 97, 94-103.	5.5	60
2	Synthesis and evaluation of antimicrobial activity of hydrazones derived from 3-oxido-1H-imidazole-4-carbohydrazides. European Journal of Medicinal Chemistry, 2013, 64, 389-395.	5.5	59
3	Luminescent fac-[Re(CO)₃(phen)] carboxylato complexes with non-steroidal anti-inflammatory drugs: synthesis and mechanistic insights into the in vitro anticancer activity of fac-[Re(CO)₃(phen)(aspirin)]. New Journal of Chemistry, 2019, 43, 573-583.	2.8	32
4	Antimicrobial activity and toxicological risk assessment of silver nanoparticles synthesized using an eco-friendly method with Gloeophyllum striatum. Journal of Hazardous Materials, 2021, 418, 126316.	12.4	28
5	Near Infrared Phosphorescent Dinuclear Ir(III) Complex Exhibiting Unusually Slow Intersystem Crossing and Dual Emissive Behavior. Journal of Physical Chemistry Letters, 2020, 11, 5849-5855.	4.6	27
6	Organometallic ciprofloxacin conjugates with dual action: synthesis, characterization, and antimicrobial and cytotoxicity studies. Dalton Transactions, 2020, 49, 1403-1415.	3.3	26
7	Determination of the Primary Molecular Target of 1,2,4-Triazole-Ciprofloxacin Hybrids. Molecules, 2015, 20, 6254-6272.	3.8	25
8	Biological evaluation and molecular modelling study of thiosemicarbazide derivatives as bacterial type IIA topoisomerases inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 14-22.	5.2	18
9	Synthesis and Evaluation of Biological Activities of Aziridine Derivatives of Urea and Thiourea. Molecules, 2018, 23, 45.	3.8	17
10	Design, Synthesis, and Evaluation of Novel 3-Carboranyl-1,8-Naphthalimide Derivatives as Potential Anticancer Agents. International Journal of Molecular Sciences, 2021, 22, 2772.	4.1	15
11	Structureâ€“activity Relationship Studies of Microbiologically Active Thiosemicarbazides Derived from Hydroxybenzoic Acid Hydrazides. Chemical Biology and Drug Design, 2015, 85, 315-325.	3.2	14
12	Redox-Active Glycol Nucleic Acid (GNA) Components: Synthesis and Properties of the Ferrocenyl-GNA Nucleoside, Phosphoramidite, and Semicanonical Dinucleoside Phosphate. Organometallics, 2020, 39, 813-823.	2.3	14
13	Synthesis and antibacterial activity of 1,4-dibenzoylthiosemicarbazide derivatives. Biomedicine and Pharmacotherapy, 2017, 88, 1235-1242.	5.6	12
14	Production of recombinant colicin M in Nicotiana tabacum plants and its antimicrobial activity. Plant Biotechnology Reports, 2020, 14, 33-43.	1.5	12
15	Metallocenyl 7â€ACA Conjugates: Antibacterial Activity Studies and Atomicâ€Resolution Xâ€ray Crystal Structure with CTXâ€M Î²â€Lactamase. ChemBioChem, 2020, 21, 2187-2195.	2.6	9
16	Molecular Properties Prediction, Docking Studies, and Antimicrobial Screening of 1,3,4-Thiadiazole and s-Triazole Derivatives. Current Computer-Aided Drug Design, 2014, 10, 3-14.	1.2	9
17	Luminescent pyrenyl-GNA nucleosides: synthesis, photophysics and confocal microscopy studies in cancer HeLa cells. Photochemical and Photobiological Sciences, 2019, 18, 2449-2460.	2.9	8
18	Anthracene-thymine luminophores: Synthesis, photophysical properties, and imaging in living HeLa cells. Dyes and Pigments, 2019, 170, 107554.	3.7	8

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19	Thiosemicarbazide Derivatives Decrease the ATPase Activity of Staphylococcus aureus Topoisomerase IV, Inhibit Mycobacterial Growth, and Affect Replication in Mycobacterium smegmatis. International Journal of Molecular Sciences, 2021, 22, 3881.	4.1	8
20	Benzannulation of a ditopic ligand to afford mononuclear and dinuclear Ir(<scp>iii</scp>) complexes with intense phosphorescence: applications in singlet oxygen generation and bioimaging. Journal of Materials Chemistry C, 2022, 10, 1870-1877.	5.5	6
21	Design of DNA Intercalators Based on 4-Carboranyl-1,8-Naphthalimides: Investigation of Their DNA-Binding Ability and Anticancer Activity. International Journal of Molecular Sciences, 2022, 23, 4598.	4.1	5
22	Ligand design and nuclearity variation towards dual emissive Pt(<scp>ii</scp>) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. Journal of Materials Chemistry C, 2022, 10, 5636-5647.	5.5	4
23	Antibacterial action of (5-nitrofurfuryl)-derived aminophosphonates and their parent imines. Chemical Papers, 2019, 73, 365-374.	2.2	3
24	Search for Molecular Basis of Antifungal Activity of Thiosemicarbazide Derivatives: A Combined in vitro Antifungal and Enzymatic Studies with in Silico Docking. Letters in Drug Design and Discovery, 2013, 10, 2-10.	0.7	3
25	Chemistry of glycol nucleic acid (GNA): Synthesis, photophysical characterization and insight into the biological activity of phenanthrenyl GNA constituents. Bioorganic Chemistry, 2022, 125, 105847.	4.1	3
26	Stereoâ€Đefined Ferrocenyl Glycol Nucleic Acid (Fcâ€€GNA) Constituents: Synthesis, Electrochemistry, Mechanism of Formation, and Anticancer Activity Studies. European Journal of Inorganic Chemistry, 2021, 2021, 2171-2181.	2.0	2