

# Ceyda A°Åsel

## List of Publications by Year in descending order

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32  
papers

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#	ARTICLE	IF	CITATIONS
1	New palladium( $\text{II}$ ) and platinum( $\text{II}$ ) 5,5-diethylbarbiturate complexes with 2-phenylpyridine, 2,2'-bipyridine and 2,2'-dipyridylamine: synthesis, structures, DNA binding, molecular docking, cellular uptake, antioxidant activity and cytotoxicity. Dalton Transactions, 2015, 44, 6880-6895.	1.6	66
2	trans-Dichloridopalladium(II) and platinum(II) complexes with 2-(hydroxymethyl)pyridine and 2-(2-hydroxyethyl)pyridine: Synthesis, structural characterization, DNA binding and in vitro cytotoxicity studies. European Journal of Medicinal Chemistry, 2013, 60, 386-394.	2.6	64
3	Synthesis, structures and anticancer potentials of platinum(II) saccharinate complexes of tertiary phosphines with phenyl and cyclohexyl groups targeting mitochondria and DNA. European Journal of Medicinal Chemistry, 2018, 155, 609-622.	2.6	56
4	Synthesis, structural characterization and cell death-inducing effect of novel palladium(II) and platinum(II) saccharinate complexes with 2-(hydroxymethyl)pyridine and 2-(2-hydroxyethyl)pyridine on cancer cells in vitro. Bioorganic and Medicinal Chemistry, 2013, 21, 6427-6434.	1.4	52
5	New manganese(II), iron(II), cobalt(II), nickel(II) and copper(II) saccharinate complexes of 2,6-bis(2-benzimidazolyl)pyridine as potential anticancer agents. European Journal of Medicinal Chemistry, 2020, 202, 112535.	2.6	49
6	Cationic Pd(II)/Pt(II) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl)amine and terpyridine: Synthesis, structures, DNA/BSA interactions, intracellular distribution, cytotoxic activity and induction of apoptosis. Journal of Inorganic Biochemistry, 2015, 152, 38-52.	1.5	41
7	Synthesis, crystal structures, in vitro DNA binding, antibacterial and cytotoxic activities of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes. Journal of Photochemistry and Photobiology B: Biology, 2014, 131, 31-42.	1.7	38
8	Ni( $\text{II}$ )/Cu( $\text{II}$ )/Zn( $\text{II}$ ) 5,5-diethylbarbiturate complexes with 1,10-phenanthroline and 2,2'-dipyridylamine: synthesis, structures, DNA/BSA binding, nuclease activity, molecular docking, cellular uptake, cytotoxicity and the mode of cell death. Dalton Transactions, 2016, 45, 10466-10479.	1.6	37
9	In vitro DNA binding studies of the sweetening agent saccharin and its copper(II) and zinc(II) complexes. Journal of Photochemistry and Photobiology B: Biology, 2014, 130, 115-121.	1.7	36
10	Palladium( $\text{II}$ ) and platinum( $\text{II}$ ) saccharinate complexes with bis(diphenylphosphino)methane/ethane: synthesis, S-phase arrest and ROS-mediated apoptosis in human colon cancer cells. Dalton Transactions, 2018, 47, 11397-11410.	1.6	36
11	Di- and polynuclear silver(I) saccharinate complexes of tertiary diphosphane ligands: synthesis, structures, in vitro DNA binding, and antibacterial and anticancer properties. Journal of Biological Inorganic Chemistry, 2014, 19, 29-44.	1.1	33
12	DNA Binding and Cleavage Studies of Two Palladium(II) Saccharinate Complexes with Terpyridine. DNA and Cell Biology, 2013, 32, 165-172.	0.9	32
13	Synthesis, structures, DNA/protein binding, molecular docking, anticancer activity and ROS generation of Ni( $\text{II}$ ), Cu( $\text{II}$ ) and Zn( $\text{II}$ ) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl)amine and terpyridine. New Journal of Chemistry, 2017, 41, 8092-8106.	1.4	31
14	Synthesis, structures and biomolecular interactions of new silver(I) 5,5-diethylbarbiturate complexes of monophosphines targeting Gram-positive bacteria and breast cancer cells. Dalton Transactions, 2017, 46, 8110-8124.	1.6	30
15	Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents. European Journal of Medicinal Chemistry, 2017, 139, 901-916.	2.6	30
16	Synthesis, crystal structures, DNA binding and cytotoxicity of two novel platinum(II) complexes containing 2-(hydroxymethyl)pyridine and pyridine-2-carboxylate ligands. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2117-2122.	1.0	27
17	Pd(II) and Pt(II) saccharinate complexes of bis(diphenylphosphino)propane/butane: Synthesis, structure, antiproliferative activity and mechanism of action. European Journal of Medicinal Chemistry, 2018, 158, 534-547.	2.6	23
18	A trans-platinum(II) complex induces apoptosis in cancer stem cells of breast cancer. Bioorganic and Medicinal Chemistry, 2017, 25, 269-276.	1.4	21

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19	A palladium(II) complex containing both carbonyl and imine oxime ligands: Crystal structure, experimental and theoretical UV-vis, IR and NMR studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 108, 133-140.	2.0	20
20	Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 39-50.	1.5	20
21	Palladium(II) and platinum(II) complexes of a new imineoxime ligand – Structural, spectroscopic and DFT/time-dependent (TD) DFT studies. <i>Journal of Organometallic Chemistry</i> , 2014, 752, 83-90.	0.8	19
22	Zn(II), Cd(II) and Hg(II) saccharinate complexes with 2,6-bis(2-benzimidazolyl)pyridine as promising anticancer agents in breast and lung cancer cell lines via ROS-induced apoptosis. <i>Dalton Transactions</i> , 2020, 49, 7842-7851.	1.6	16
23	Anti-growth effect of a novel trans-dichloridobis[2-(2-hydroxyethyl)pyridine]platinum (II) complex via induction of apoptosis on breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4303-4310.	1.4	14
24	Structural, spectroscopic and quantum chemical studies of acetyl hydrazone oxime and its palladium(II) and platinum(II) complexes. <i>Journal of Molecular Structure</i> , 2015, 1095, 51-60.	1.8	14
25	Trans-Pd/Pt(II) saccharinate complexes with a phosphine ligand: Synthesis, cytotoxicity and structure-activity relationship. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127077.	1.0	12
26	Synthesis, structures and catalytic activity of Pd(II) saccharinate complexes with monophosphines in direct arylation of five-membered heteroarenes with aryl bromides. <i>Inorganica Chimica Acta</i> , 2020, 500, 119220.	1.2	9
27	Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 75-87.	1.1	6
28	Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents. <i>Dalton Transactions</i> , 2022, 51, 5208-5217.	1.6	6
29	A combined experimental and theoretical investigation of a new imineoxime and its palladium(II) and platinum(II) complexes: Synthesis, structural characterization and spectroscopic properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 93-101.	2.0	3
30	Synthesis, characterization and structures of solvent-mediated Na(I)-Pd(II) heterometallic complexes containing [Pd(barb) <sub>4</sub> ] <sup>2+</sup> units (barb=5,5'-b-diethylbarbiturate). <i>Journal of Coordination Chemistry</i> , 2016, 69, 2272-2280.	0.8	2
31	Synthesis, characterization and crystal structures of platinum(II) saccharinate complexes with 1,5-cyclooctadiene. <i>Turkish Journal of Chemistry</i> , 2020, 44, 736-745.	0.5	1
32	Synthesis, characterization and crystal structures of platinum(II) saccharinate complexes with 1,5-cyclooctadiene. <i>Turkish Journal of Chemistry</i> , 2020, 44, 736-745.	0.5	0