

Justyn Ochocki

List of Publications by Year in descending order

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68
papers

1,615
citations

361296

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315616

38
g-index

70
all docs

70
docs citations

70
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties and applications of flavonoid metal complexes. RSC Advances, 2015, 5, 45853-45877.	1.7	297
2	Trans geometry in platinum antitumor complexes. Coordination Chemistry Reviews, 2008, 252, 1328-1345.	9.5	142
3	Synthesis, characterization and antimicrobial activity of water-soluble silver(I) complexes of metronidazole drug and selected counter-ions. Dalton Transactions, 2015, 44, 8178-8189.	1.6	76
4	Antibacterial Activity and Cytotoxicity of Silver(I) Complexes of Pyridine and (Benz)Imidazole Derivatives. X-ray Crystal Structure of [Ag(2,6-di(CH ₂ OH)py) ₂]NO ₃ . Molecules, 2016, 21, 87.	1.7	60
5	Induction of apoptosis and necrosis in A549 cells by the cis-Pt(II) complex of 3-aminoflavone in comparison with cis-DDP. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 563, 61-70.	0.9	59
6	Metal Ion-Binding Properties of (1H-Benzimidazol-2-yl-methyl)phosphonate (Bimp ²⁻) in Aqueous Solution. Isomeric Equilibria, Extent of Chelation, and a New Quantification Method for the Chelate Effect. Inorganic Chemistry, 2004, 43, 1311-1322.	1.9	52
7	Synthesis, spectroscopic and magnetostructural evidence for the formation of Cu(II) complexes of pyridyl-2-carboxylate (2-pca) and quinolyl-2-carboxylate (2-qca) as a result of a novel oxidative P-dealkylation reaction of diethyl 2-pyridylmethylphosphonate (2-pmpe) and diethyl 2-quinolylmethylphosphonate (2-qmpe) ligands. Inorganica Chimica Acta, 2004, 357, 755-763.	1.2	51
8	Electrochemical genosensing of the interaction between the potential chemotherapeutic agent, cis-bis(3-aminoflavone)dichloroplatinum(II) and DNA in comparison with cis-DDP. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 645-652.	1.4	47
9	Synthesis, characterization and antimicrobial activity of silver(I) complexes of hydroxymethyl derivatives of pyridine and benzimidazole. Journal of Organometallic Chemistry, 2014, 749, 394-399.	0.8	46
10	Evaluation of the genotoxicity of cis-bis(3-aminoflavone)dichloroplatinum(II) in comparison with cis-DDP. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 558, 93-110.	0.9	35
11	Induction of apoptosis and necrosis in lymphocytes by the cis-Pt(II) complex of 3-aminoflavone in comparison with cis-DDP. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 558, 169-179.	0.9	35
12	Synthesis, Characterization, and Antimicrobial Activity of Silver(I) and Copper(II) Complexes of Phosphate Derivatives of Pyridine And Benzimidazole. ChemMedChem, 2014, 9, 169-176.	1.6	34
13	Synthesis, spectroscopy and antiproliferative activity of - and -platinum(II) complexes with diethyl (pyridin-4-ylmethyl)phosphate. X-ray crystal structure of -Pt(II) complex. Journal of Inorganic Biochemistry, 2005, 99, 2024-2031.	1.5	32
14	Synthesis, spectroscopy and magnetism of transition-metal complexes with pyridylmethylphosphonate ligands. Journal of the Chemical Society Dalton Transactions, 1992, , 2955.	1.1	30
15	Methylphosphonate, hydroxymethylphosphonate and aminomethylphosphonate ligands containing pyridine, pyrazole or imidazole side chains: the coordination abilities towards Cu(II) ions. Inorganica Chimica Acta, 2000, 303, 47-53.	1.2	30
16	Comparative studies on the mechanism of cytotoxic action of novel platinum II complexes with pyrazole ligands. Journal of Inorganic Biochemistry, 2006, 100, 1579-1585.	1.5	30
17	Silver(I) Complexes of the Pharmaceutical Agents Metronidazole and 4-Hydroxymethylpyridine: Comparison of Cytotoxic Profile for Potential Clinical Application. Molecules, 2019, 24, 1949.	1.7	28
18	Synthesis, Spectroscopy, and Magnetic Properties of Transition-Metal Complexes with the Diethyl 2-Quinolylmethylphosphonate (2-qmpe) Ligand. Crystal Structures of [Ni(2-qmpe) ₄ (H ₂ O) ₂](ClO ₄) ₂ and [Mn(2-qmpe) ₄ (H ₂ O) ₂](ClO ₄) ₂ Showing Unexpected O-Binding of the qmpe Ligands. European Journal of Inorganic Chemistry, 1998, 1998, 169-175.	1.0	27

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19	Synthesis and spectroscopy of diethyl (pyridylmethyl)phosphates and their palladium (II) complexes: X-ray crystal structures of Pd(II) complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 2464-2472.	1.2	25
20	Crystal structure, spectroscopic and magnetic properties of 2D network high-spin cobalt(II) complex with diethyl 2-pyridylmethylphosphonate. <i>Journal of Molecular Structure</i> , 2006, 791, 98-105.	1.8	25
21	Effect of cisplatin and cis-platinum (II) phosphonate complex on murine mast cells. <i>European Journal of Pharmacology</i> , 1996, 298, 155-158.	1.7	20
22	Coordination properties of the diethyl 2-pyridylmethylphosphonate ligand (2-pmpe) with chloride transition-metal salts: X-ray crystal structure of Cd ₄ (2-pmpe) ₄ Cl ₈ . <i>Journal of Molecular Structure</i> , 2007, 843, 26-31.	1.8	20
23	Synthesis, spectroscopy and magnetism of novel metal complexes of 3-aminoflavone (3-af). X-ray crystal structure of 3-af and [Cu(3-af) ₂ (NO ₃) ₂]. <i>Inorganica Chimica Acta</i> , 2009, 362, 739-744.	1.2	20
24	Synthesis, single-crystal and solution structure analysis and in vitro cytotoxic activity of two novel complexes of ruthenium(II) with in situ formed flavanone-based ligands. <i>Dalton Transactions</i> , 2010, 39, 9711.	1.6	20
25	Effect of treatment with silver(I) complex of metronidazole on ocular rosacea: Design and formulation of new silver drug with potent antimicrobial activity. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126531.	1.5	20
26	Synthesis and acid-base properties of (1H-benzimidazol-2-yl-methyl)phosphonate (Bimp ²⁻). Evidence for intramolecular hydrogen-bond formation in aqueous solution between (N-1)H and the phosphonate group. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1819-1826.	1.5	19
27	Proapoptotic activity in vitro of two novel ruthenium(II) complexes with flavanone-based ligands that overcome cisplatin resistance in human bladder carcinoma cells. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 518-524.	1.5	18
28	Enhanced P53 and BAX gene expression and apoptosis in A549 cells by cis-Pt(II) complex of 3-aminoflavone in comparison with cis-DDP. <i>Investigational New Drugs</i> , 2005, 23, 287-297.	1.2	17
29	Synthesis, acid-base and complexing properties with Cu(II), Co(II) and Zn(II) in aqueous solution of a novel 1H-benzimidazol-2-ylmethyl diethyl phosphate ligand: Comparison with other 2-substituted benzimidazole ligands. <i>Polyhedron</i> , 2013, 53, 20-25.	1.0	16
30	Synthesis and spectroscopy of phosphonate derivatives of uracil and thymine. X-ray crystal structure of diethyl 6-uracilmethylphosphonate. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 1179-1184.	1.4	15
31	Genotoxicity of cis-Pt(II) complex of 3-aminoflavone in comparison with cis-DDP in A549 cells evaluated by comet assay. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004, 82, 353-358.	0.7	15
32	Synthesis, Spectroscopic Analysis and Assessment of the Biological Activity of New Hydrazone and Hydrazide Derivatives of 3-Formylchromone. <i>Molecules</i> , 2018, 23, 2067.	1.7	14
33	Light Stability, Pro-Apoptotic and Genotoxic Properties of Silver (I) Complexes of Metronidazole and 4-Hydroxymethylpyridine against Pancreatic Cancer Cells In Vitro. <i>Cancers</i> , 2020, 12, 3848.	1.7	14
34	Influence of selected inorganic counter-ions on the structure and antimicrobial properties of silver (<sc>i</sc>) complexes with imidazole-containing ligands. <i>New Journal of Chemistry</i> , 2016, 40, 694-704.	1.4	13
35	Synthesis, Spectroscopy, Light Stability, Single-Crystal Analysis, and In Vitro Cytotoxic Activity on HepG2 Liver Cancer of Two Novel Silver(I) Complexes of Miconazole. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3629.	1.8	13
36	Properties of the Magnesium(II) and Calcium(II) Complexes of 5- and 6-Uracilmethylphosphonate (5- and 6-Umpa ²⁻) in Aqueous Solution. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 1882-1887.	0.6	12

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37	Comparison of the Surprising Metal- π -Binding Properties of 5 π - and 6 π -Uracilmethylphosphonate (5Umpa ²⁻ and 6Umpa ²⁻) in Aqueous Solution and Crystal Structures of the Dimethyl and Di(isopropyl) Esters of H ₂ (6Umpa). <i>Chemistry - A European Journal</i> , 2008, 14, 10036-10046.	1.7	11
38	trans-Platinum(κ^2) complex of 3-aminoflavone π -synthesis, X-ray crystal structure and biological activities in vitro. <i>Dalton Transactions</i> , 2015, 44, 938-947.	1.6	11
39	Evaluation of cytotoxicity of new trans-palladium(II) complex in human cells in vitro. <i>Acta Poloniae Pharmaceutica</i> , 2011, 68, 127-36.	0.3	11
40	Evaluation of P53 and BAX gene expression and induction of apoptosis and necrosis by the cis-Pt(II) complex of 3-aminoflavone in comparison with cis-diamminedichloroplatinum(II) (cis-DDP) in human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 604, 28-35.	0.9	10
41	Genotoxicity of novel trans-platinum(II) complex with diethyl (pyridin-4-ylmethyl)phosphate in human non-small cell lung cancer cells A549. <i>Chemico-Biological Interactions</i> , 2007, 168, 135-142.	1.7	10
42	Clinical Application and Efficacy of Silver Drug in Ophthalmology: A Literature Review and New Formulation of EYE Drops with Drug Silver (I) Complex of Metronidazole with Improved Dosage Form. <i>Biomedicines</i> , 2021, 9, 210.	1.4	10
43	Complexing Properties of Pyridine-4-methylene Derivatives: Diethyl(pyridine-4-ylmethyl)phosphate, 4-Pyridylmethylphosphonic Acid and 4-Hydroxymethylpyridine with Cu(II) in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2016, 45, 28-41.	0.6	8
44	Ruthenium(II) and Platinum(II) Complexes with Biologically Active Aminoflavone Ligands Exhibit In Vitro Anticancer Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7568.	1.8	8
45	cis-Dichlorobis(diethyl 2-pyridylmethylphosphonate- $\hat{\nu}$ N)platinum(II) hemihydrate, cis-[PtCl ₂ (2-pmpe) ₂] \cdot 0.5H ₂ O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m350-m352.	0.2	7
46	Novel Analogues of 5-Fluorouracil - Synthesis, X-ray Crystallography, and Cytotoxic Effects in Normal Human Peripheral Blood Lymphocytes and Colon Adenocarcinoma HT 29. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3109-3117.	1.0	7
47	Different crystal forms of Zn(II) compound with diethyl (pyridin-3-ylmethyl)phosphonate (3-pmpe) ligand: Zn(3-pmpe)Cl ₂ . <i>Inorganica Chimica Acta</i> , 2009, 362, 733-738.	1.2	7
48	Cytotoxic activity and chemical reactivity of cis-platinum(II) and trans-palladium(II) complexes with diethyl (pyridinylmethyl)phosphates. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 660-664.	2.6	7
49	Multifunctional Silver(I) Complexes with Metronidazole Drug Reveal Antimicrobial Properties and Antitumor Activity against Human Hepatoma and Colorectal Adenocarcinoma Cells. <i>Cancers</i> , 2022, 14, 900.	1.7	7
50	trans-Bis(3-aminoflavone- $\hat{\nu}$ 2N,O)bis(perchlorato- $\hat{\nu}$ O)copper(II), a new potential antitumour agent. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m410-m412.	0.4	6
51	Coordination properties of ethyl bis(pyridin-2-ylmethyl)phosphate ligand with copper and zinc chloride. X-ray crystal structure of Cu(II) complex. <i>Inorganica Chimica Acta</i> , 2011, 376, 18-22.	1.2	6
52	Cytotoxic and Antimicrobial Properties of Copper(II) Complexes of Pyridine and Benzimidazole Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 993-998.	0.6	6
53	Synthesis, Spectroscopy, Single-Crystal Structure Analysis and Antibacterial Activity of Two Novel Complexes of Silver(I) with Miconazole Drug. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1510.	1.8	6
54	Stability of Metronidazole and Its Complexes with Silver(I) Salts under Various Stress Conditions. <i>Molecules</i> , 2021, 26, 3582.	1.7	6

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55	Anticancer activity of a trans-platinum(II) complex of 3-aminoflavone to ovarian cancer cells. <i>Ginekologia Polska</i> , 2017, 88, 68-74.	0.3	6
56	Synthesis, spectroscopy and magnetism of fluoridoborate transition metal complexes with aminoflavone ligand (3-af). X-ray crystal structure of [Cu(BF ₄) ₂ (3-af) ₂] and [Zn(BF ₄)(3-af) ₂](BF ₄)·CH ₃ C(O)OEt. <i>Inorganica Chimica Acta</i> , 2013, 407, 19-24.	1.2	5
57	New Look on 3-Hydroxyimino-flavanone and Its Palladium(II) Complex: Crystallographic and Spectroscopic Studies, Theoretical Calculations and Cytotoxic Activity. <i>Molecules</i> , 2016, 21, 455.	1.7	4
58	Simple Trans-Platinum Complex Bearing 3-Aminoflavone Ligand Could Be a Useful Drug: Structure-Activity Relationship of Platinum Complex in Comparison with Cisplatin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2116.	1.8	4
59	trans-Diaquatetrakis(3,5-dimethylpyrazole-N2)nickel(II) dichloride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 513-514.	0.4	3
60	trans-Bis(1H-benzimidazol-2-ylmethyl- λ^3 -N3diethyl phosphate)dichloropalladium(II) monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1558-m1561.	0.2	3
61	Complexes of Uracil (2,4-Dihydropyrimidine) Derivatives. <i>Journal of Solution Chemistry</i> , 2006, 35, 739-751.	0.6	3
62	Spectroscopic and magnetic evidence of coordination properties of bioactive diethyl (pyridin-4-ylmethyl)phosphate ligand with chloride transition-metal ions. <i>Chemical Papers</i> , 2011, 65, .	1.0	3
63	Fluorimetric Properties of 3-Aminoflavone Biomolecule (3-AF). X-ray Crystal Structure of New Polymorph of 3-AF. <i>Molecules</i> , 2019, 24, 2927.	1.7	3
64	Increased Temperature Facilitates Adeno-Associated Virus Vector Transduction of Colorectal Cancer Cell Lines in a Manner Dependent on Heat Shock Protein Signature. <i>BioMed Research International</i> , 2020, 2020, 1-14.	0.9	3
65	Ethyl (2-pyridylmethyl)phosphonate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o4-o6.	0.4	2
66	Spectroscopic studies and crystal structure of a dimeric Zn(II) complex with diethyl (pyridin-2-ylmethyl)phosphate. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3764-3771.	0.8	2
67	Title is missing!. <i>Perkin Transactions II RSC</i> , 2001, , 2005-2011.	1.1	1
68	Structure-activity relationship and apoptosis induction in A549 cells by the potential anticancer compound cis-bis(3-aminoflavone)dichloroplatinum(II). <i>Arzneimittelforschung</i> , 2010, 60, 149-156.	0.5	0