

Pavel Starha

List of Publications by Year in descending order

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69
papers

1,068
citations

430754

18
h-index

477173

29
g-index

71
all docs

71
docs citations

71
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel cis-Pt(II) Complexes with Alkylpyrazole Ligands: Synthesis, Characterization, and Unusual Mode of Anticancer Action. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	10
2	New Pt(II) diiodido complexes containing bidentate 1,3,4-thiadiazole-based ligands: Synthesis, characterization, cytotoxicity. <i>Inorganica Chimica Acta</i> , 2022, 536, 120891.	1.2	5
3	Anticancer half-sandwich Ir(III) complex and its interaction with various biomolecules and their mixtures – a case study with ascorbic acid. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3758-3770.	3.0	11
4	Multinuclear biologically active Ru, Rh, Os and Ir arene complexes. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213690.	9.5	24
5	Unexpected solution behaviour of ester-functionalized half-sandwich Ru(II) and Ir(III) complexes. <i>Dalton Transactions</i> , 2021, 50, 8017-8028.	1.6	3
6	An unexpected in-solution instability of diiodido analogue of picoplatin complicates its biological characterization. <i>Dalton Transactions</i> , 2021, 50, 6071-6075.	1.6	4
7	Anticancer Half-Sandwich Rhodium(III) Complexes. <i>Inorganics</i> , 2021, 9, 26.	1.2	24
8	Dinuclear half-sandwich Ir(III) complexes containing 4,4'-methylenedianiline-based ligands: Synthesis, characterization, cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2021, 938, 121748.	0.8	2
9	Platinum(II)-oxalato complexes of seliciclib (CYC202) derivatives show different cellular effects and lesser adverse effects in mouse lymphoma model than cisplatin. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 67-73.	1.1	2
10	Cytotoxic dimeric half-sandwich Ru(II), Os(II) and Ir(III) complexes containing the 4,4'-biphenyl-based bridging ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5785.	1.7	10
11	Non-platinum complexes containing releasable biologically active ligands. <i>Coordination Chemistry Reviews</i> , 2019, 395, 130-145.	9.5	80
12	Azaindoles: Suitable ligands of cytotoxic transition metal complexes. <i>Journal of Inorganic Biochemistry</i> , 2019, 197, 110695.	1.5	9
13	In vitro anticancer active cis-Pt(II)-diiodido complexes containing 4-azaindoles. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 257-269.	1.1	10
14	A half-sandwich Ta ^V dichlorido complex containing an <i>O,N,O</i> -tridentate Schiff base ligand: synthesis, crystal structure and <i>in vitro</i> cytotoxicity. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 248-254.	0.2	4
15	Investigation of Anti-Inflammatory Potential of N-Arylcinnamamide Derivatives. <i>Molecules</i> , 2019, 24, 4531.	1.7	13
16	Platinum iodido complexes: A comprehensive overview of anticancer activity and mechanisms of action. <i>Coordination Chemistry Reviews</i> , 2019, 380, 103-135.	9.5	43
17	A potential method to improve the <i>in vitro</i> cytotoxicity of half-sandwich Os(II) complexes against A2780 cells. <i>Dalton Transactions</i> , 2018, 47, 5714-5724.	1.6	10
18	Cell-based studies of the first-class half-sandwich Ir(III) complex containing histone deacetylase inhibitor 4-phenylbutyrate. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4246.	1.7	9

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19	A cytotoxic tantalum(<i>v</i>) half-sandwich complex: a new challenge for metal-based anticancer agents. <i>Chemical Communications</i> , 2018, 54, 9533-9536.	2.2	15
20	Half-sandwich Os(<i>ii</i>) and Ru(<i>ii</i>) bathophenanthroline complexes: anticancer drug candidates with unusual potency and a cellular activity profile in highly invasive triple-negative breast cancer cells. <i>Dalton Transactions</i> , 2018, 47, 12197-12208.	1.6	31
21	Half-Sandwich Ru(II) and Os(II) Bathophenanthroline Complexes Containing a Releasable Dichloroacetato Ligand. <i>Molecules</i> , 2018, 23, 420.	1.7	20
22	Half-Sandwich Ir(III) Complex of N1-Pyridyl-7-azaindole Exceeds Cytotoxicity of Cisplatin at Various Human Cancer Cells and 3D Multicellular Tumor Spheroids. <i>Organometallics</i> , 2018, 37, 2749-2759.	1.1	18
23	Half-sandwich Ir(III) and Rh(III) 2,2'-dipyridylamine complexes: Synthesis, characterization and <i>in vitro</i> cytotoxicity against the ovarian carcinoma cells. <i>Journal of Organometallic Chemistry</i> , 2018, 872, 114-122.	0.8	11
24	Low-dimensional compounds containing cyanido groups. Part XXXV. Structure, spectral, thermal and magnetic properties of a binuclear Cu ^{II} -biquinoline complex with bridging and terminal dicyanamide ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1469-1476.	0.2	1
25	Platinum complexes containing adenine-based ligands: An overview of selected structural features. <i>Coordination Chemistry Reviews</i> , 2017, 332, 1-29.	9.5	17
26	Half-Sandwich Ru(II) Halogenido, Valproato and 4-Phenylbutyrato Complexes Containing 2,2'-Dipyridylamine: Synthesis, Characterization, Solution Chemistry and <i>In Vitro</i> Cytotoxicity. <i>Molecules</i> , 2016, 21, 1725.	1.7	11
27	<i>In Vitro</i> Antitumor Active Gold(I) Triphenylphosphane Complexes Containing 7-Azaindoles. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2084.	1.8	8
28	Platinum(II) carboxylato complexes containing 7-azaindoles as N-donor carrier ligands showed cytotoxicity against cancer cell lines. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 109-116.	1.5	10
29	Hydrosulfide Adducts of Organo-Iridium Anticancer Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 2324-2331.	1.9	26
30	Platinum(II) Iodido Complexes of 7-Azaindoles with Significant Antiproliferative Effects: An Old Story Revisited with Unexpected Outcomes. <i>PLoS ONE</i> , 2016, 11, e0165062.	1.1	18
31	Highly and Broad-Spectrum <i>In Vitro</i> Antitumor Active cis-Dichloridoplatinum(II) Complexes with 7-Azaindoles. <i>PLoS ONE</i> , 2015, 10, e0136338.	1.1	14
32	Organometallic Half-Sandwich Dichloridoruthenium(II) Complexes with 7-Azaindoles: Synthesis, Characterization and Elucidation of Their Anticancer Inactivity against A2780 Cell Line. <i>PLoS ONE</i> , 2015, 10, e0143871.	1.1	6
33	Efficient Synthesis of a Maghemite/Gold Hybrid Nanoparticle System as a Magnetic Carrier for the Transport of Platinum-Based Metallotherapeutics. <i>International Journal of Molecular Sciences</i> , 2015, 16, 2034-2051.	1.8	16
34	Potentiating Effect of UVA Irradiation on Anticancer Activity of Carboplatin Derivatives Involving 7-Azaindoles. <i>PLoS ONE</i> , 2015, 10, e0123595.	1.1	12
35	Interaction of selected platinum(II) complexes containing roscovitine-based CDK inhibitors as ligands with human liver microsomal cytochrome P450. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2015, 159, 382-387.	0.2	2
36	Pharmacological and Molecular Effects of Platinum(II) Complexes Involving 7-Azaindole Derivatives. <i>PLoS ONE</i> , 2014, 9, e90341.	1.1	27

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37	Platinum(II) Oxalato Complexes Involving Adenosine-Based N-Donor Ligands: Synthesis, Characterization and Cytotoxicity Evaluation. <i>Molecules</i> , 2014, 19, 3832-3847.	1.7	9
38	Synthesis, Characterization and in Vitro Antitumor Activity of Platinum(II) Oxalato Complexes Involving 7-Azaindole Derivatives as Coligands. <i>Molecules</i> , 2014, 19, 10832-10844.	1.7	27
39	4-Aminobenzoic Acid-Coated Maghemite Nanoparticles as Potential Anticancer Drug Magnetic Carriers: A Case Study on Highly Cytotoxic Cisplatin-Like Complexes Involving 7-Azaindoles. <i>Molecules</i> , 2014, 19, 1622-1634.	1.7	10
40	Conformation and recognition of DNA damaged by antitumor cis-dichlorido platinum(II) complex of CDK inhibitor bohemine. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 54-64.	2.6	10
41	Effect of diverse solvents on the composition and structure of mixed-ligand nickel(II) dithiocarbamates: [NiX(ndtc)(PPh ₃)]. <i>Polyhedron</i> , 2014, 69, 174-180.	1.0	8
42	Synthesis and X-ray structure of nickel(II) benzylpiperazine-dithiocarbamate complex [Ni(bpdtc)(PPh ₃) ₂]ClO ₄ ·PPh ₃ . <i>Journal of Molecular Structure</i> , 2013, 1049, 22-26.	1.8	5
43	Insight into the toxic effects of cis-dichloridoplatinum(II) complexes containing 7-azaindole halogeno derivatives in tumor cells. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 579-589.	1.1	24
44	6-(3,5-Dimethoxybenzylamino)-9-(oxan-2-yl)-9H-purine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o533-o533.	0.2	1
45	N-(2-Methoxybenzyl)-9-(oxolan-2-yl)-9H-purin-6-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o588-o588.	0.2	0
46	5-Bromo-1H-pyrrolo[2,3-b]pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o381-o381.	0.2	0
47	(Cyclobutane-1,1-dicarboxylato- η^2 O, η^2)(1,10-phenanthroline- η^2 N, η^2)platinum(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m334-m334.	0.2	0
48	N6-Benzyladenosine Derivatives as Novel N-Donor Ligands of Platinum(II) Dichlorido Complexes. <i>Molecules</i> , 2013, 18, 6990-7003.	1.7	12
49	Effect of 2-Chloro-Substitution of Adenine Moiety in Mixed-Ligand Gold(I) Triphenylphosphine Complexes on Anti-Inflammatory Activity: The Discrepancy between the In Vivo and In Vitro Models. <i>PLoS ONE</i> , 2013, 8, e82441.	1.1	14
50	trans-Dichloridobis{2-chloro-6-[(3-fluorobenzyl)amino]-9-isopropyl-9H-purine- η^7 }platinum(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m331-m331.	0.2	1
51	N-Benzylthieno[3,2-d]pyrimidin-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o698-o698.	0.2	0
52	Evaluation of in vitro cytotoxicity of one-dimensional chain [Fe(salen)(L)] complexes against human cancer cell lines. <i>Toxicology in Vitro</i> , 2012, 26, 480-484.	1.1	26
53	How to modify 7-azaindole to form cytotoxic Pt(II) complexes: Highly in vitro anticancer effective cisplatin derivatives involving halogeno-substituted 7-azaindole. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 57-63.	1.5	46
54	Anti-inflammatory Active Gold(I) Complexes Involving 6-Substituted-Purine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4568-4579.	2.9	59

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55	Cisplatin and oxaliplatin derivatives involving 7-azaindole: Structural characterisations. <i>Polyhedron</i> , 2012, 33, 404-409.	1.0	26
56	Evaluation of in vitro cytotoxicity of 6-benzylaminopurine carboplatin derivatives against human cancer cell lines and primary human hepatocytes. <i>Toxicology in Vitro</i> , 2011, 25, 652-656.	1.1	5
57	Nickel(IV) dithiocarbamate complexes of the [Ni(ndtc) ₃]X type: X-ray structure of [Ni(hmidtc) ₃][FeCl ₄]. <i>Polyhedron</i> , 2011, 30, 2795-2800.	1.0	9
58	Octahedral nickel(II) hexamethyleneimine-dithiocarbamate complexes involving bidentate N,N-donor ligands. <i>Inorganica Chimica Acta</i> , 2011, 373, 286-290.	1.2	6
59	In Vitro Cytotoxic-Active Platinum(II) Complexes Derived from Carboplatin and Involving Purine Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3441-3448.	1.0	18
60	Platinum(II) oxalato complexes with adenine-based carrier ligands showing significant in vitro antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 639-647.	1.5	30
61	Evaluation of in vitro cytotoxicity and hepatotoxicity of platinum(II) and palladium(II) oxalato complexes with adenine derivatives as carrier ligands. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1130-1132.	1.5	39
62	Palladium(II) oxalato complexes involving N ₆ -(benzyl)-9-isopropyladenine-based N-donor carrier ligands: Synthesis, general properties, ¹ H, ¹³ C and ¹⁵ N{ ¹ H} NMR characterization and in vitro cytotoxicity. <i>Inorganica Chimica Acta</i> , 2010, 363, 1469-1478.	1.2	11
63	Roscovitine-based CDK inhibitors acting as N-donor ligands in the platinum(II) oxalato complexes: Preparation, characterization and in vitro cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4609-4614.	2.6	16
64	X-ray structure and properties of a dinuclear palladium(II) complex [Pd ₂ ($\frac{1}{4}$ -L) ₄] with four adenine-based bridges in a paddle wheel-like arrangement. <i>Inorganic Chemistry Communication</i> , 2010, 13, 800-803.	1.8	7
65	Nickel(II) N-Benzyl-N-methyldithiocarbamate Complexes as Precursors for the Preparation of Graphite Oxidation Accelerators. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1557-1564.	0.6	6
66	Effects of dinuclear copper(II) complexes with 6-(benzylamino)purine derivatives on AhR and PXR dependent expression of cytochromes P450 CYP1A2 and CYP3A4 genes in primary cultures of human hepatocytes. <i>Toxicology in Vitro</i> , 2010, 24, 425-429.	1.1	10
67	Dinuclear copper(II) complexes containing 6-(benzylamino)purines as bridging ligands: Synthesis, characterization, and in vitro and in vivo antioxidant activities. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 432-440.	1.5	56
68	Synthesis, characterization and in vitro cytotoxicity of the first palladium(II) oxalato complexes involving adenine-based ligands. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 978-988.	1.5	39
69	Stability of half-sandwich Os(II) complex with indomethacin-functionalized ligand in the presence of carboxypeptidase A. <i>Dalton Transactions</i> , 0, , .	1.6	1