

Viktor Brabec

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

370
papers

13,297
citations

63
h-index

95
g-index

390
ext. papers

14,274
ext. citations

5.8
avg, IF

6.42
L-index

#	Paper	IF	Citations
370	A [Pt(cis-1,3-diaminocycloalkane)Cl] analog exhibits hallmarks typical of immunogenic cell death inducers in model cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2022 , 226, 111628	4.2	0
369	Novel cis-Pt(II) Complexes with Alkylpyrazole Ligands: Synthesis, Characterization, and Unusual Mode of Anticancer Action.. <i>Bioinorganic Chemistry and Applications</i> , 2022 , 2022, 1717200	4.2	3
368	Dipyridophenazine iridium(III) complex as a phototoxic cancer stem cell selective, mitochondria targeting agent.. <i>Chemico-Biological Interactions</i> , 2022 , 109955	5	0
367	Gallium(III) Complex with Cloxyquin Ligands Induces Ferroptosis in Cancer Cells and Is a Potent Agent against Both Differentiated and Tumorigenic Cancer Stem Rhabdomyosarcoma Cells.. <i>Bioinorganic Chemistry and Applications</i> , 2022 , 2022, 3095749	4.2	2
366	DNA-Intercalative Platinum Anticancer Complexes Photoactivated by Visible Light. <i>Chemistry - A European Journal</i> , 2021 , 27, 10711-10716	4.8	7
365	A Cyclometalated Ir Complex Conjugated to a Coumarin Derivative Is a Potent Photodynamic Agent against Prostate Differentiated and Tumorigenic Cancer Stem Cells. <i>Chemistry - A European Journal</i> , 2021 , 27, 8547-8556	4.8	6
364	On the Biology of Werner's Complex. <i>Angewandte Chemie</i> , 2021 , 133, 17260-17267	3.6	
363	On the Biology of Werner's Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17123-17130	16.4	2
362	Hetero-Bis-Conjugation of Bioactive Molecules to Half-Sandwich Ruthenium(II) and Iridium(III) Complexes Provides Synergic Effects in Cancer Cell Cytotoxicity. <i>Inorganic Chemistry</i> , 2021 , 60, 9529-9541	5.1	5
361	Fe Metallohelices Stabilize DNA G-Quadruplexes and Downregulate the Expression of G-Quadruplex-Regulated Oncogenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 11682-11692	4.8	1
360	Unexpected solution behaviour of ester-functionalized half-sandwich Ru(II) and Ir(III) complexes. <i>Dalton Transactions</i> , 2021 , 50, 8017-8028	4.3	1
359	Are Pt(IV) Prodrugs That Release Combretastatin A4 True Multi-action Prodrugs?. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 11364-11378	8.3	5
358	Glycoconjugated Metallohelices have Improved Nuclear Delivery and Suppress Tumour Growth In Vivo. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14677-14685	16.4	6
357	Oxidation of cis-Diamminediacetato Pt with Hydrogen Peroxide Can Give Rise to Two Isomeric Pt Products. <i>Chemistry - A European Journal</i> , 2020 , 26, 9475-9480	4.8	1
356	Antitumoral effects of mitochondria-targeting neutral and cationic cis-[bis(1,3-dibenzylimidazol-2-ylidene)Cl(L)]Pt(II) complexes. <i>Dalton Transactions</i> , 2020 , 49, 8901-8910	4.3	8
355	Glycoconjugated Metallohelices have Improved Nuclear Delivery and Suppress Tumour Growth In Vivo. <i>Angewandte Chemie</i> , 2020 , 132, 14785-14793	3.6	1
354	Optically Pure Metallohelices That Accumulate in Cell Nuclei, Condense/Aggregate DNA, and Inhibit Activities of DNA Processing Enzymes. <i>Inorganic Chemistry</i> , 2020 , 59, 3304-3311	5.1	8

353	Antiproliferative, DNA binding, and cleavage properties of dinuclear Co(III) complexes containing the bioactive quinizarin ligand. <i>Journal of Biological Inorganic Chemistry</i> , 2020 , 25, 339-350	3.7	6
352	Triazole-based, optically-pure metallocsupramolecules; highly potent and selective anticancer compounds. <i>Chemical Communications</i> , 2020 , 56, 6392-6395	5.8	8
351	Synthesis and characterization of (Ru(II), Co(III)) heterobimetallic complexes formed with a 1,10-phenanthroline based hydroxamic acid conjugate. <i>Journal of Organometallic Chemistry</i> , 2020 , 916, 121265	2.3	2
350	Shape-Selective Targeting on RNA Bulges by Peptidomimetic Metallohelicies. <i>Chemistry - A European Journal</i> , 2020 , 26, 8435-8442	4.8	3
349	Antimicrobial activity and DNA/HSA interaction of fluorinated 3,6,9-trisubstituted acridines. <i>Chemical Papers</i> , 2020 , 74, 2327-2337	1.9	1
348	Platinum (IV) Derivatives with Cinnamate Axial Ligands as Potent Agents Against Both Differentiated and Tumorigenic Cancer Stem Rhabdomyosarcoma Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3329-3335	16.4	14
347	Platinum (IV) Derivatives with Cinnamate Axial Ligands as Potent Agents Against Both Differentiated and Tumorigenic Cancer Stem Rhabdomyosarcoma Cells. <i>Angewandte Chemie</i> , 2020 , 132, 3355-3361	3.6	5
346	Substitution-Inert Polynuclear Platinum Complexes Inhibit Reverse Transcription Preferentially in RNA Triplex-Forming Templates. <i>Inorganic Chemistry</i> , 2020 , 59, 15135-15143	5.1	2
345	Platinum(IV)-Estramustine Multiaction Prodrugs Are Effective Antiproliferative Agents against Prostate Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13861-13877	8.3	13
344	A Multi-action Pt Conjugate with Oleate and Cinnamate Ligands Targets Human Epithelial Growth Factor Receptor HER2 in Aggressive Breast Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21157-21162	16.4	9
343	Cationic Fe Triplex-Forming Metallohelicies as DNA Bulge Binders. <i>Chemistry - A European Journal</i> , 2020 , 26, 16554-16562	4.8	3
342	Induction of immunogenic cell death in cancer cells by a photoactivated platinum(IV) prodrug. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4150-4159	6.8	12
341	A Multi-action Pt(IV) Conjugate with Oleate and Cinnamate Ligands Targets Human Epithelial Growth Factor Receptor HER2 in Aggressive Breast Cancer Cells. <i>Angewandte Chemie</i> , 2020 , 132, 21343-21348	3.6	4
340	Synthesis, antiproliferative activity in cancer cells and DNA interaction studies of [Pt(cis-1,3-diaminocycloalkane)Cl] analogs. <i>Journal of Biological Inorganic Chemistry</i> , 2020 , 25, 913-924	3.7	4
339	Stabilization of human telomeric RNA G-quadruplex by the water-compatible optically pure and biologically-active metallohelicies. <i>Scientific Reports</i> , 2020 , 10, 14543	4.9	2
338	Antiproliferative Activity and Associated DNA Interactions of [Co ₂ L ₃] ⁶⁺ Cylinders Derived from Bis(bidentate) 2-Pyridyl-1,2,3-triazole Ligands. <i>Organometallics</i> , 2020 , 39, 1448-1455	3.8	6
337	Metallohelicies that kill Gram-negative pathogens using intracellular antimicrobial peptide pathways. <i>Chemical Science</i> , 2019 , 10, 9708-9720	9.4	17
336	An anticancer Os(II) bathophenanthroline complex as a human breast cancer stem cell-selective, mammosphere potent agent that kills cells by necroptosis. <i>Scientific Reports</i> , 2019 , 9, 13327	4.9	13

335	Synthesis, characterization and biological evaluation of Co(III) complexes with quinolone drugs. <i>Journal of Inorganic Biochemistry</i> , 2019 , 193, 94-105	4.2	11
334	New half-sandwich ruthenium(ii) complexes as proteosynthesis inhibitors in cancer cells. <i>Chemical Communications</i> , 2019 , 55, 1140-1143	5.8	15
333	A new 4-(pyridinyl)-4H-benzo[g]chromene-5,10-dione ruthenium(II) complex inducing senescence in 518A2 melanoma cells. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 647-657	3.7	11
332	Substitution-Inert Polynuclear Platinum Complexes with Dangling Amines: Condensation/Aggregation of Nucleic Acids and Inhibition of DNA-Related Enzymatic Activities. <i>Inorganic Chemistry</i> , 2019 , 58, 6804-6810	5.1	17
331	A Subset of New Platinum Antitumor Agents Kills Cells by a Multimodal Mechanism of Action Also Involving Changes in the Organization of the Microtubule Cytoskeleton. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 5176-5190	8.3	24
330	Towards Novel Photodynamic Anticancer Agents Generating Superoxide Anion Radicals: A Cyclometalated Ir Complex Conjugated to a Far-Red Emitting Coumarin. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6311-6315	16.4	89
329	Towards Novel Photodynamic Anticancer Agents Generating Superoxide Anion Radicals: A Cyclometalated Ir(III) Complex Conjugated to a Far-Red Emitting Coumarin. <i>Angewandte Chemie</i> , 2019 , 131, 6377-6381	3.6	23
328	In vitro investigating of anticancer activity of new 7-MEOTA-tacrine heterodimers. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 877-897	5.6	12
327	An Anticancer Pt Prodrug That Acts by Mechanisms Involving DNA Damage and Different Epigenetic Effects. <i>Chemistry - A European Journal</i> , 2019 , 25, 5235-5245	4.8	20
326	Molecular superoxide radical photogeneration in cancer cells by dipyridophenazine iridium(III) complexes. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 2500-2513	6.8	20
325	Discovery of selective, antimetastatic and anti-cancer stem cell metallohelices post-assembly modification. <i>Chemical Science</i> , 2019 , 10, 8547-8557	9.4	16
324	DNA modification by cisplatin-like Pt(II) complexes containing 1,1'-binaphthyl-2,2'-diamine ligand does not correlate with their antiproliferative activity in cancer cells. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118952	2.7	2
323	Translesion DNA Synthesis Across Lesions Induced by Oxidative Products of Pyrimidines: An Insight into the Mechanism by Microscale Thermophoresis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
322	Copper(ii) complexes with tridentate Schiff base-like ligands: solid state and solution structures and anticancer activity. <i>Dalton Transactions</i> , 2019 , 48, 15220-15230	4.3	13
321	Substitution-Inert Polynuclear Platinum Complexes Act as Potent Inducers of Condensation/Aggregation of Short Single- and Double-Stranded DNA and RNA Oligonucleotides. <i>Chemistry - A European Journal</i> , 2019 , 25, 2995-2999	4.8	9
320	Multiply Intercalator-Substituted Cu(II) Cyclen Complexes as DNA Condensers and DNA/RNA Synthesis Inhibitors. <i>Inorganic Chemistry</i> , 2018 , 57, 5004-5012	5.1	13
319	Transfer Hydrogenation and Antiproliferative Activity of Tethered Half-Sandwich Organoruthenium Catalysts. <i>Organometallics</i> , 2018 , 37, 1555-1566	3.8	37
318	Effect of sulfonamidoethylenediamine substituents in Ru arene anticancer catalysts on transfer hydrogenation of coenzyme NAD by formate. <i>Dalton Transactions</i> , 2018 , 47, 7178-7189	4.3	17

317	New (arene)ruthenium(II) complexes of 4-aryl-4H-naphthopyrans with anticancer and anti-vascular activities. <i>Journal of Inorganic Biochemistry</i> , 2018 , 184, 69-78	4.2	15
316	Polynuclear Platinum Complexes. Structural Diversity and DNA Binding. <i>Metal Ions in Life Sciences</i> , 2018 , 18,	2.6	13
315	Exploring the Effect of Polypyridyl Ligands on the Anticancer Activity of Phosphorescent Iridium(III) Complexes: From Proteosynthesis Inhibitors to Photodynamic Therapy Agents. <i>Chemistry - A European Journal</i> , 2018 , 24, 4607-4619	4.8	41
314	Translesion DNA synthesis across double-base lesions derived from cross-links of an antitumor trinuclear platinum compound: primer extension, conformational and thermodynamic studies. <i>Metallomics</i> , 2018 , 10, 132-144	4.5	1
313	Potential of cytotoxic action of cis-[PtCl ₂ (NH ₃)(1M7AI)] by UVA irradiation. Mechanistic insights. <i>Inorganica Chimica Acta</i> , 2018 , 472, 199-206	2.7	4
312	Effects of cytotoxic cis- and trans-diammine monochlorido platinum(II) complexes on selenium-dependent redox enzymes and DNA. <i>Journal of Inorganic Biochemistry</i> , 2018 , 178, 94-105	4.2	11
311	Half-sandwich Os(II) and Ru(II) 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	4.3	21
310	Ruthenium coordination compounds of biological and biomedical significance. DNA binding agents. <i>Coordination Chemistry Reviews</i> , 2018 , 376, 75-94	23.2	68
309	Simultaneous delivery of olaparib and carboplatin in PEGylated liposomes imparts this drug combination hypersensitivity and selectivity for breast tumor cells. <i>Oncotarget</i> , 2018 , 9, 28456-28473	3.3	10
308	N,N-Dialkylbenzimidazol-2-ylidene platinum complexes - effects of alkyl residues and ancillary cis-ligands on anticancer activity. <i>Dalton Transactions</i> , 2018 , 47, 17367-17381	4.3	13
307	Probing the Thermodynamics of Incorporation of N6-methyl-dATP Opposite an Abasic Site, dCMP, and dTMP During Simulated DNA Synthesis by Differential Scanning Calorimetry. <i>ChemistrySelect</i> , 2018 , 3, 13076-13080	1.8	0
306	Photoactivatable Cell-Selective Dinuclear trans-Diazidoplatinum(IV) Anticancer Prodrugs. <i>Inorganic Chemistry</i> , 2018 , 57, 14409-14420	5.1	19
305	Substitution-Inert Polynuclear Platinum Complexes That Inhibit the Activity of DNA Polymerase in Triplex-Forming Templates. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8535-8539	16.4	11
304	Substitution-Inert Polynuclear Platinum Complexes That Inhibit the Activity of DNA Polymerase in Triplex-Forming Templates. <i>Angewandte Chemie</i> , 2018 , 130, 8671-8675	3.6	4
303	Novel Antitumor Platinum(II) Conjugates Containing the Nonsteroidal Anti-inflammatory Agent Diclofenac: Synthesis and Dual Mechanisms of Antiproliferative Effects. <i>Inorganic Chemistry</i> , 2017 , 56, 1483-1497	5.1	34
302	Preparation of bis(5-phenyltetrazolato) Pt(II) and Pt(IV) analogues of transplatin and in vitro evaluation for antitumor activity. <i>Inorganica Chimica Acta</i> , 2017 , 456, 86-94	2.7	6
301	3-[(E)-(acridin-9'-ylmethylidene)amino]-1-substituted thioureas and their biological activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 180, 234-241	4.4	3
300	New Acridine Thiourea Gold(I) Anticancer Agents: Targeting the Nucleus and Inhibiting Vasculogenic Mimicry. <i>ACS Chemical Biology</i> , 2017 , 12, 1524-1537	4.9	34

299	Cytotoxic platinum coordination compounds. DNA binding agents. <i>Coordination Chemistry Reviews</i> , 2017 , 351, 2-31	23.2	92
298	Somatostatin receptor-targeted organometallic iridium(iii) complexes as novel theranostic agents. <i>Chemical Communications</i> , 2017 , 53, 5523-5526	5.8	36
297	Unique structural properties of DNA interstrand cross-links formed by a new antitumor dinuclear Pt(ii) complex. <i>Metallomics</i> , 2017 , 9, 494-500	4.5	3
296	Epigenetic and antitumor effects of platinum(IV)-octanoato conjugates. <i>Scientific Reports</i> , 2017 , 7, 3751	4.9	29
295	Anticancer kiteplatin pyrophosphate derivatives show unexpected target selectivity for DNA. <i>Dalton Transactions</i> , 2017 , 46, 14139-14148	4.3	9
294	Organoruthenium Complexes with C ^N Ligands are Highly Potent Cytotoxic Agents that Act by a New Mechanism of Action. <i>Chemistry - A European Journal</i> , 2017 , 23, 15294-15299	4.8	23
293	Highly potent extranuclear-targeted luminescent iridium(iii) antitumor agents containing benzimidazole-based ligands with a handle for functionalization. <i>Chemical Communications</i> , 2016 , 52, 14165-14168	5.8	34
292	"Head-to-head" double-hamburger-like structure of di-ruthenated d(GpG) adducts of mono-functional Ru-arene anticancer complexes. <i>Dalton Transactions</i> , 2016 , 45, 18676-18688	4.3	7
291	Inhibition of nuclear factor kappaB proteins-platinated DNA interactions correlates with cytotoxic effectiveness of the platinum complexes. <i>Scientific Reports</i> , 2016 , 6, 28474	4.9	4
290	Ferrocenyl-Coupled N-Heterocyclic Carbene Complexes of Gold(I): A Successful Approach to Multinuclear Anticancer Drugs. <i>Chemistry - A European Journal</i> , 2016 , 22, 18953-18962	4.8	51
289	Iron(II) supramolecular helicates interfere with the HIV-1 Tat-TAR RNA interaction critical for viral replication. <i>Scientific Reports</i> , 2016 , 6, 29674	4.9	24
288	Potential of mitochondrial dysfunction in tumor cells by conjugates of metabolic modulator dichloroacetate with a Pt(IV) derivative of oxaliplatin. <i>Journal of Inorganic Biochemistry</i> , 2016 , 156, 89-97	4.2	43
287	Photo-induced DNA cleavage and cytotoxicity of a ruthenium(II) arene anticancer complex. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 149-55	4.2	36
286	Pt(iv) derivatives of cisplatin and oxaliplatin with phenylbutyrate axial ligands are potent cytotoxic agents that act by several mechanisms of action. <i>Chemical Science</i> , 2016 , 7, 2381-2391	9.4	123
285	Comment on "Delivering a photosensitive transplatin prodrug to overcome cisplatin drug resistance" by H. Song, W. Li, R. Qi, L. Yan, X. Jing, M. Zheng and H. Xiao, Chem. Commun., 2015, 51, 11493. <i>Chemical Communications</i> , 2016 , 52, 4096-8	5.8	6
284	New spiro tria(thia)zolidine-acridines as topoisomerase inhibitors, DNA binders and cytostatic compounds. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 690-700	7.9	20
283	Anticancer potential of a photoactivated transplatin derivative containing the methylazaindole ligand mediated by ROS generation and DNA cleavage. <i>Dalton Transactions</i> , 2016 , 45, 13179-86	4.3	14
282	Enhancing Tumor Cell Response to Chemotherapy through the Targeted Delivery of Platinum Drugs Mediated by Highly Stable, Multifunctional Carboxymethylcellulose-Coated Magnetic Nanoparticles. <i>Chemistry - A European Journal</i> , 2016 , 22, 9750-9	4.8	12

281	Assessment of DNA-binding affinity of cholinesterase reactivators and electrophoretic determination of their effect on topoisomerase I and II activity. <i>Molecular BioSystems</i> , 2016 , 12, 2910-20		6
280	Internalization of Ineffective Platinum Complex in Nanocapsules Renders It Cytotoxic. <i>Chemistry - A European Journal</i> , 2016 , 22, 2728-35	4.8	12
279	Emergence of the First Catalytic Oligonucleotides in a Formamide-Based Origin Scenario. <i>Chemistry - A European Journal</i> , 2016 , 22, 3572-86	4.8	52
278	Effects of histidin-2-ylidene vs. imidazol-2-ylidene ligands on the anticancer and antivasular activity of complexes of ruthenium, iridium, platinum, and gold. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 221-228	4.2	28
277	Activation of Platinum(IV) Prodrugs by Cytochrome c and Characterization of the Protein Binding Sites. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3216-23	5.6	22
276	Recognition of DNA/RNA bulges by antimicrobial and antitumor metallohelices. <i>Dalton Transactions</i> , 2015 , 44, 14656-65	4.3	23
275	cis-Pt I ₂ (NH ₃) ₂ : a reappraisal. <i>Dalton Transactions</i> , 2015 , 44, 14896-905	4.3	40
274	Adjusting the DNA Interaction and Anticancer Activity of Pt(II) N-Heterocyclic Carbene Complexes by Steric Shielding of the Trans Leaving Group. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 6283-92	8.3	59
273	New insights into the molecular and epigenetic effects of antitumor Pt(IV)-valproic acid conjugates in human ovarian cancer cells. <i>Biochemical Pharmacology</i> , 2015 , 95, 133-44	6	64
272	Inhibition of DNA topoisomerases I and II and growth inhibition of HL-60 cells by novel acridine-based compounds. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 76, 192-202	5.1	31
271	Tacrine derivatives as dual topoisomerase I and II catalytic inhibitors. <i>Bioorganic Chemistry</i> , 2015 , 59, 168-76	5.1	19
270	Design, Preparation, and Characterization of Zn and Cu Metallopeptides Based On Tetradentate Aminopyridine Ligands Showing Enhanced DNA Cleavage Activity. <i>Inorganic Chemistry</i> , 2015 , 54, 10542-58	5.1	21
269	Shape-selective recognition of DNA abasic sites by metallohelices: inhibition of human AP endonuclease I. <i>Nucleic Acids Research</i> , 2015 , 43, 5297-306	20.1	16
268	Effects of antitumor derivatives of ineffective transplatin on bacterial cells: Is DNA a pharmacological target?. <i>Journal of Inorganic Biochemistry</i> , 2015 , 153, 206-210	4.2	9
267	Novel antitumor cisplatin and transplatin derivatives containing 1-methyl-7-azaindole: synthesis, characterization, and cellular responses. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 847-59	8.3	45
266	Influence of the binding of reduced NAMI-A to human serum albumin on the pharmacokinetics and biological activity. <i>Dalton Transactions</i> , 2015 , 44, 1905-13	4.3	30
265	A Photoactivatable Platinum(IV) Complex Targeting Genomic DNA and Histone Deacetylases. <i>Angewandte Chemie</i> , 2015 , 127, 14686-14690	3.6	9
264	A Photoactivatable Platinum(IV) Complex Targeting Genomic DNA and Histone Deacetylases. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14478-82	16.4	69

263	Iron(II) supramolecular helicates condense plasmid DNA and inhibit vital DNA-related enzymatic activities. <i>Chemistry - A European Journal</i> , 2015 , 21, 11189-95	4.8	18
262	The induction of lysis in lysogenic strains of Escherichia coli by a new antitumor transplatin derivative and its DNA interactions. <i>Dalton Transactions</i> , 2015 , 44, 3573-82	4.3	5
261	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	6.8	9
260	Lichen secondary metabolites as DNA-interacting agents. <i>Toxicology in Vitro</i> , 2014 , 28, 182-6	3.6	15
259	DNA condensing effects and sequence selectivity of DNA binding of antitumor noncovalent polynuclear platinum complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 1662-71	5.1	57
258	A dual-targeting, apoptosis-inducing organometallic half-sandwich iridium anticancer complex. <i>Metallomics</i> , 2014 , 6, 1491-501	4.5	65
257	Mechanism of cellular accumulation of an iridium(III) pentamethylcyclopentadienyl anticancer complex containing a C,N-chelating ligand. <i>Metallomics</i> , 2014 , 6, 682-90	4.5	51
256	Novel trisubstituted acridines as human telomeric quadruplex binding ligands. <i>Bioorganic Chemistry</i> , 2014 , 57, 13-29	5.1	18
255	Antitumor platinum(IV) derivatives of oxaliplatin with axial valproato ligands. <i>Journal of Inorganic Biochemistry</i> , 2014 , 140, 72-9	4.2	55
254	Thermodynamic impact of abasic sites on simulated translesion DNA synthesis. <i>Chemistry - A European Journal</i> , 2014 , 20, 7566-70	4.8	9
253	The stability of DNA intrastrand cross-links of antitumor transplatin derivative containing non-bulky methylamine ligands. <i>Journal of Biological Inorganic Chemistry</i> , 2014 , 19, 1203-8	3.7	
252	Different affinity of nuclear factor-kappa B proteins to DNA modified by antitumor cisplatin and its clinically ineffective trans isomer. <i>FEBS Journal</i> , 2014 , 281, 1393-408	5.7	13
251	Substitution-inert trinuclear platinum complexes efficiently condense/aggregate nucleic acids and inhibit enzymatic activity. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12812-6	16.4	38
250	Substitution-Inert Trinuclear Platinum Complexes Efficiently Condense/Aggregate Nucleic Acids and Inhibit Enzymatic Activity. <i>Angewandte Chemie</i> , 2014 , 126, 13026-13030	3.6	9
249	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, 579-89	3.7	23
248	Activation of trans geometry in bifunctional mononuclear platinum complexes by a non-bulky methylamine ligand. <i>Journal of Inorganic Biochemistry</i> , 2013 , 126, 46-54	4.2	6
247	Metallohelices with activity against cisplatin-resistant cancer cells; does the mechanism involve DNA binding?. <i>Chemical Science</i> , 2013 , 4, 4407	9.4	52
246	Diazido mixed-amine platinum(IV) anticancer complexes activatable by visible-light form novel DNA adducts. <i>Chemistry - A European Journal</i> , 2013 , 19, 9578-91	4.8	82

245	Spontaneous translocation of antitumor oxaliplatin, its enantiomeric analogue, and Cisplatin from one strand to another in double-helical DNA. <i>Chemistry - A European Journal</i> , 2013 , 19, 11984-91	4.8	5
244	Platinum-DNA interstrand crosslinks: molecular determinants of bending and unwinding of the double helix. <i>Journal of Inorganic Biochemistry</i> , 2012 , 108, 69-79	4.2	13
243	Thermodynamics of translesion synthesis across a major DNA adduct of antitumor oxaliplatin: differential scanning calorimetric study. <i>Chemistry - A European Journal</i> , 2012 , 18, 1634-9	4.8	7
242	Thermodynamic stability and energetics of DNA duplexes containing major intrastrand cross-links of second-generation antitumor dinuclear Pt(II) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 187-96	3.7	6
241	Antitumor bifunctional dinuclear Pt(II) complex BBR3535 forms interduplex DNA cross-links under molecular crowding conditions. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 239-45	3.7	14
240	3,6-bis(3-alkylguanidino)acridines as DNA-intercalating antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2012 , 57, 283-95	6.8	37
239	Cellular response to antitumor cis-Dichlorido platinum(II) complexes of CDK inhibitor Bohemine and its analogues. <i>Chemical Research in Toxicology</i> , 2012 , 25, 500-9	4	16
238	Valuable insight into the anticancer activity of the platinum-histone deacetylase inhibitor conjugate, cis-[Pt(NH ₃) ₂ malSAHA-2H]. <i>Molecular Pharmaceutics</i> , 2012 , 9, 1990-9	5.6	39
237	Thermodynamic and mechanistic insights into translesion DNA synthesis catalyzed by Y-family DNA polymerase across a bulky double-base lesion of an antitumor platinum drug. <i>Chemistry - A European Journal</i> , 2012 , 18, 15439-48	4.8	27
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