

Elisabetta Gabano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2960482/publications.pdf>

Version: 2024-02-01

82
papers

2,451
citations

172457

29
h-index

214800

47
g-index

83
all docs

83
docs citations

83
times ranked

2661
citing authors

#	ARTICLE	IF	CITATIONS
1	Uptake of antitumor platinum(II)-complexes by cancer cells, assayed by inductively coupled plasma mass spectrometry (ICP-MS). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 73-78.	3.5	217
2	Antiproliferative Pt(IV) complexes: synthesis, biological activity, and quantitative structure-activity relationship modeling. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 1157-1169.	2.6	123
3	Pros and cons of bifunctional platinum(IV) antitumor prodrugs: two are (not always) better than one. <i>Dalton Transactions</i> , 2014, 43, 9813.	3.3	103
4	The RP-HPLC measurement and QSPR analysis of logPo/w values of several Pt(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1199-1207.	3.5	88
5	Inhibition of Stat3 increases doxorubicin sensitivity in a human metastatic breast cancer cell line. <i>Cancer Letters</i> , 2007, 258, 181-188.	7.2	79
6	Cytotoxicity of cis-Platinum(II) Conjugate Models. The Effect of Chelating Arms and Leaving Groups on Cytotoxicity: A Quantitative Structure-Activity Relationship Approach. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 857-866.	6.4	73
7	The Drug Targeting and Delivery Approach Applied to Pt-Antitumour Complexes. A Coordination Point of View. <i>Current Medicinal Chemistry</i> , 2009, 16, 4544-4580.	2.4	71
8	A view on multi-action Pt(IV) antitumor prodrugs. <i>Inorganica Chimica Acta</i> , 2019, 492, 32-47.	2.4	71
9	A New Entry to Asymmetric Platinum(IV) Complexes via Oxidative Chlorination. <i>Inorganic Chemistry</i> , 2014, 53, 9326-9335.	4.0	68
10	Antiproliferative activity of Pt(IV)-bis(carboxylato) conjugates on malignant pleural mesothelioma cells. <i>Journal of Inorganic Biochemistry</i> , 2013, 129, 52-57.	3.5	66
11	Revisiting [PtCl ₂ (cis-1,4-DACH)]: An Underestimated Antitumor Drug with Potential Application to the Treatment of Oxaliplatin-Refractory Colorectal Cancer. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7182-7192.	6.4	65
12	The influence of temperature on antiproliferative effects, cellular uptake and DNA platination of the clinically employed Pt(II)-drugs. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 629-635.	3.5	59
13	Molecular and statistical modeling of reduction peak potential and lipophilicity of platinum(IV) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 361-372.	2.6	59
14	¹⁹⁵ Pt NMR spectroscopy: A chemometric approach. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2158-2174.	18.8	53
15	Prediction of logP for Pt(II) and Pt(IV) complexes: Comparison of statistical and quantum-chemistry based approaches. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 1-13.	3.5	45
16	Synthesis and characterisation of estrogenic carriers for cytotoxic Pt(II) fragments: biological activity of the resulting complexes. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3531.	2.8	44
17	Cellular trafficking, accumulation and DNA platination of a series of cisplatin-based dicarboxylato Pt(IV) prodrugs. <i>Journal of Inorganic Biochemistry</i> , 2015, 150, 1-8.	3.5	44
18	Antiproliferative activity of a series of cisplatin-based Pt(IV)-acetylamido/carboxylato prodrugs. <i>Dalton Transactions</i> , 2016, 45, 5300-5309.	3.3	42

#	ARTICLE	IF	CITATIONS
19	Platinum(II) and technetium(I) complexes anchored to ethynylestradiol: a way to drug targeting and delivery. <i>Inorganica Chimica Acta</i> , 2004, 357, 2157-2166.	2.4	40
20	Pt(IV) antitumor prodrugs: dogmas, paradigms, and realities. <i>Dalton Transactions</i> , 2022, 51, 2121-2134.	3.3	40
21	Molecular interaction fields vs. quantum-mechanical-based descriptors in the modelling of lipophilicity of platinum(IV) complexes. <i>Dalton Transactions</i> , 2013, 42, 3482-3489.	3.3	39
22	Biological activity of a series of cisplatin-based aliphatic bis(carboxylato) Pt(IV) prodrugs: How long the organic chain should be?. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 219-227.	3.5	39
23	Anthracene-terpyridine metal complexes as new G-quadruplex DNA binders. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 275-286.	3.5	39
24	An unsymmetric cisplatin-based Pt(IV) derivative containing 2-(2-propynyl)octanoate: a very efficient multi-action antitumor prodrug candidate. <i>Dalton Transactions</i> , 2017, 46, 14174-14185.	3.3	39
25	Synthesis, characterization and antiproliferative activity on mesothelioma cell lines of bis(carboxylato)platinum(IV) complexes based on picoplatin. <i>Dalton Transactions</i> , 2012, 41, 3313.	3.3	38
26	Evaluation of Platinum–Ethacrynic Acid Conjugates in the Treatment of Mesothelioma. <i>ChemMedChem</i> , 2011, 6, 2287-2293.	3.2	33
27	The cisplatin-based Pt(IV)-diclorofibrato multi-action anticancer prodrug exhibits excellent performances also under hypoxic conditions. <i>Dalton Transactions</i> , 2018, 47, 8268-8282.	3.3	32
28	Antiproliferative Activity of Pt(IV) Conjugates Containing the Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Ketoprofen and Naproxen. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3074.	4.1	31
29	Host–guest inclusion systems of Pt(IV)-bis(benzoato) anticancer drug candidates and cyclodextrins. <i>Inorganica Chimica Acta</i> , 2015, 432, 115-127.	2.4	29
30	May glutamine addiction drive the delivery of antitumor cisplatin-based Pt(IV) prodrugs?. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 27-35.	3.5	29
31	Cisplatin and valproate released from the bifunctional [Pt(IV)Cl ₂ (NH ₃) ₂ (valproato) ₂] antitumor prodrug or from liposome formulations: who does what?. <i>Dalton Transactions</i> , 2017, 46, 1559-1566.	3.3	27
32	Biological activity of enantiomeric complexes [PtCl ₂ L ₂] (L ₂ is aromatic bisphosphanes and aromatic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	2.8	25
33	Organometallic compounds in the discovery of new agents against kinetoplastid-caused diseases. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 459-482.	5.5	25
34	Stepwise assembly of platinum–folic acid conjugates. <i>Inorganica Chimica Acta</i> , 2008, 361, 1447-1455.	2.4	24
35	Pt(II) complexes with bidentate and tridentate pyrazolyl-containing chelators: synthesis, structural characterization and biological studies. <i>Dalton Transactions</i> , 2011, 40, 5781.	3.3	23
36	Electrochemical evaluation of the interaction between antitumoral titanocene dichloride and biomolecules. <i>Inorganica Chimica Acta</i> , 2009, 362, 1303-1306.	2.4	22

#	ARTICLE	IF	CITATIONS
37	<i>trans</i> , <i>cis</i> , <i>cis</i> -Bis(benzoato)dichlorido(cyclohexane-1 <i>R</i> ,2 <i>R</i> -diamine)platinum(IV): a Prodrug Candidate for the Treatment of Oxaliplatin-Resistant Colorectal Cancer. <i>ChemMedChem</i> , 2014, 9, 1299-1305.	3.2	22
38	Functional fluorescent nonporous silica nanoparticles as carriers for Pt(IV) anticancer prodrugs. <i>Journal of Inorganic Biochemistry</i> , 2015, 151, 132-142.	3.5	22
39	A multi-methodological inquiry of the behavior of cisplatin-based Pt(IV) derivatives in the presence of bioreductants with a focus on the isolated encounter complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 655-670.	2.6	22
40	Unprecedented one-pot synthesis of an unsymmetrical cisplatin-based Pt(IV)-acetamidato complex. <i>Chemical Communications</i> , 2015, 51, 8051-8053.	4.1	21
41	The Relevance of Polar Surface Area (PSA) in Rationalizing Biological Properties of Several <i>cis</i> -Diamminemalonatoplatinum(II) Derivatives. <i>ChemMedChem</i> , 2009, 4, 1677-1685.	3.2	20
42	A Comparative Study of the Effects of Platinum (II) Complexes on β -Amyloid Aggregation: Potential Neurodrug Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3015.	4.1	20
43	The hexacarbonyldicobalt derivative of aspirin acts as a CO-releasing NSAID on malignant mesothelioma cells. <i>Metallomics</i> , 2013, 5, 1604.	2.4	19
44	Trend in cytotoxic activity of a series of cis-[PtCl ₂](A=ethylenediamine methylated at different) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4	2.4	18
45	Synthesis, characterization, structure, molecular modeling studies and biological activity of sterically crowded Pt(II) complexes containing bis(imidazole) ligands. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 400-409.	3.5	17
46	Metallo-drugs in the treatment of malignant pleural mesothelioma. <i>Inorganica Chimica Acta</i> , 2012, 393, 64-74.	2.4	15
47	Study of the synthesis, antiproliferative properties, and interaction with DNA and polynucleotides of cisplatin-like Pt(II) complexes containing carcinogenic polyaromatic amines. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 791-801.	2.6	15
48	Synthesis and Biological Studies of Pyrazolyl-Diamine Pt(II) Complexes Containing Polyaromatic DNA-Binding Groups. <i>ChemBioChem</i> , 2012, 13, 2352-2362.	2.6	14
49	Functionalized nonporous silica nanoparticles as carriers for Pt(IV) anticancer prodrugs. <i>Dalton Transactions</i> , 2016, 45, 17233-17240.	3.3	14
50	Synthesis and characterization of cyclohexane-1 <i>R</i> ,2 <i>R</i> -diamine-based Pt(IV) dicarboxylato anticancer prodrugs: their selective activity against human colon cancer cell lines. <i>Dalton Transactions</i> , 2019, 48, 435-445.	3.3	13
51	Microwave-Assisted Synthesis: Can Transition Metal Complexes Take Advantage of This "Green" Method?. <i>Molecules</i> , 2022, 27, 4249.	3.8	12
52	How to obtain Pt(IV) complexes suitable for conjugation to nanovectors from the oxidation of [PtCl(terpyridine)] ⁺ . <i>Dalton Transactions</i> , 2017, 46, 10246-10254.	3.3	11
53	A step towards development of promising trypanocidal agents: Synthesis, characterization and <i>in vitro</i> biological evaluation of ferrocenyl Mannich base-type derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 569-582.	5.5	11
54	Pt(IV) complexes based on cyclohexanediamines and the histone deacetylase inhibitor 2-(2-propynyl)octanoic acid: synthesis, characterization, cell penetration properties and antitumor activity. <i>Dalton Transactions</i> , 2021, 50, 4663-4672.	3.3	11

#	ARTICLE	IF	CITATIONS
55	Poly(methylmetacrylate) (PMMA) core-shell nanospheres act as efficient pharmacophores for the antiproliferative $[PtCl_3(NH_3)]^-$ complex by forming ionic couples. <i>Inorganica Chimica Acta</i> , 2009, 362, 4099-4109.	2.4	10
56	Functionalized thymidine derivatives as carriers for the β -emitter technetium tricarbonyl moiety. <i>Inorganica Chimica Acta</i> , 2009, 362, 4785-4790.	2.4	10
57	Antiproliferative Activity of Pt(II) Complexes with Carboxylated Phosphanes in Chelated or Ring-Opened Forms. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3441-3448.	2.0	10
58	Application of microwave-assisted heating to the synthesis of Pt(II) complexes. <i>Inorganica Chimica Acta</i> , 2015, 437, 16-19.	2.4	10
59	Solvolytic of a Series of Cisplatin-Like Complexes - Comparison between DNA-Biosensor and Conductivity Data. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5625-5631.	2.0	9
60	Hybrid inorganic (nonporous silica)/organic (alginate) core-shell platform for targeting a cisplatin-based Pt(IV) anticancer prodrug. <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 185-191.	3.5	9
61	Conjugation between maleimide-containing Pt(IV) prodrugs and furan or furan-containing drug delivery vectors via Diels-Alder cycloaddition. <i>Inorganica Chimica Acta</i> , 2019, 488, 195-200.	2.4	9
62	Transition metal carbonyl clusters in biology: A futile or niche research area?. <i>Inorganica Chimica Acta</i> , 2018, 470, 3-10.	2.4	8
63	Elusive Intermediates in the Breakdown Reactivity Patterns of Prodrug Platinum(IV) Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1881-1894.	2.8	8
64	<i>cis,cis,trans</i> - $[Pt(IV)Cl_2(NH_3)_2(perillato)_2]$, a dual-action prodrug with excellent cytotoxic and antimetastatic activity. <i>Dalton Transactions</i> , 2021, 50, 3161-3177.	3.3	8
65	Unsymmetric Cisplatin-Based Pt(IV) Conjugates Containing a PARP-1 Inhibitor Pharmacophore Tested on Malignant Pleural Mesothelioma Cell Lines. <i>Molecules</i> , 2021, 26, 4740.	3.8	8
66	Bioinorganic Chemistry: The Study of the Fate of Platinum-Based Antitumour Drugs. <i>Current Chemical Biology</i> , 2007, 1, 278-289.	0.5	8
67	Studies on Log P_o/w of Quinoxaline di-N-Oxides: A Comparison of RP-HPLC Experimental and Predictive Approaches. <i>Molecules</i> , 2011, 16, 7893-7908.	3.8	7
68	Bioinorganic Chemistry: The Study of the Fate of Platinum-Based Antitumour Drugs. <i>Current Chemical Biology</i> , 2007, 1, 278-289.	0.5	6
69	Pt(IV)/Re(I) Chitosan Conjugates as a Flexible Platform for the Transport of Therapeutic and/or Diagnostic Anticancer Agents. <i>Inorganics</i> , 2018, 6, 4.	2.7	6
70	Electrostatic Interaction of Negatively Charged Core-Shell Nanoparticles with Antitumoral Cationic Platinum-Based Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3289-3294.	2.0	5
71	Synthesis of Pt(IV)-Biomolecule Conjugates through Click Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5335-5341.	2.0	5
72	Electrochemical studies of a series of antimetastatic mono- and di-ruthenium complexes $[Ru][trans-Ru(II)Cl_4(DMSO)(L)]$ and $[Ru]_2[trans-Ru(II)Cl_4(DMSO)]_2(L)$ (L=N-donor heterocyclic bridging) <i>Tj ETQ 0 0 rg BT /Overlo</i>	2.0	5

#	ARTICLE	IF	CITATIONS
73	Electrochemical Biosensor Assay of the Interaction between $[PtCl_n(NH_3)_{4-n}]^{(2-n)}$ ($n = 0-4$) Complexes and ds-DNA. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1635-1639.	2.0	4
74	Can an Elusive Platinum(III) Oxidation State be Exposed in an Isolated Complex?. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15595-15598.	13.8	3
75	Formulations of highly antiproliferative hydrophobic Pt(IV) complexes into lipidic nanoemulsions as delivery vehicles. <i>Inorganica Chimica Acta</i> , 2022, 535, 120859.	2.4	3
76	Polyanionic Biopolymers for the Delivery of Pt(II) Cationic Antiproliferative Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2016, 2016, 1-7.	4.1	2
77	Can an Elusive Platinum(III) Oxidation State be Exposed in an Isolated Complex?. <i>Angewandte Chemie</i> , 2020, 132, 15725-15728.	2.0	1
78	Can the Self-Assembling of Dicarboxylate Pt(IV) Prodrugs Influence Their Cell Uptake?. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-8.	4.1	1
79	Role of Metal Ions in Dopamine Oxidation. <i>Journal of Chemical Education</i> , 2021, 98, 4031-4036.	2.3	1
80	Application of the anthraquinone drug rhein as an axial ligand in bifunctional Pt(IV) complexes to obtain antiproliferative agents against human glioblastoma cells. <i>Dalton Transactions</i> , 2022, 51, 6014-6026.	3.3	1
81	Freshening up Old Methods for New Students: A Colorful Laboratory Experiment to Measure the Formation Constants of Ni(II) Complexes Containing Ethane-1,2-Diamine. <i>Journal of Chemical Education</i> , 2022, 99, 1473-1478.	2.3	1
82	Assessment of the In Vivo Antiproliferative Activity of a Novel Platinum Particulate Pharmacophore. , 2009, , 19-25.		0