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List of Publications by Year
in descending order

86 papers	2,543 citations	147801 31 h-index	214800 47 g-index
86 all docs	86 docs citations	86 times ranked	2414 citing authors

#	Article	IF	Citations
1	Platinum, palladium, gold and ruthenium complexes as anticancer agents: Current clinical uses, cytotoxicity studies and future perspectives. European Journal of Medicinal Chemistry, 2017, 142, 8-31.	5.5	316
2	Mechanistic studies on the reactions of platinum(ii) complexes with nitrogen- and sulfur-donor biomolecules. Dalton Transactions, 2012, 41, 12329.	3.3	98
3	Substitution reactions of [Pt(terpy)X]2+with some biologically relevant ligands. Synthesis and crystal structure of [Pt(terpy)(cyst-S)](ClO4)2Â·0.5H2O and [Pt(terpy)(guo-N7)](ClO4)2Â·0.5guoÂ·1.5H2O. Dalton Transactions, 2004, , 279-286.	3.3	77
4	New 4â€²-(4-chlorophenyl)-2,2â€²:6â€²,2â€³-terpyridine ruthenium(II) complexes: Synthesis, characterization, interaction with DNA/BSA and cytotoxicity studies. Journal of Inorganic Biochemistry, 2017, 169, 1-12.	3.5	77
5	New Water-Soluble Ruthenium(II) Terpyridine Complexes for Anticancer Activity: Synthesis, Characterization, Activation Kinetics, and Interaction with Guanine Derivatives. Inorganic Chemistry, 2014, 53, 6113-6126.	4.0	73
6	Kinetics, mechanism and equilibrium studies on the substitution reactions of Pd(II) in reference to Pt(II) complexes with bio-molecules. Coordination Chemistry Reviews, 2015, 292, 91-106.	18.8	71
7	Kinetics and mechanism of the reaction of chelated Pd(ii) complexes with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pd(bpma)Cl]ClÂ·H2O (bpma = bis(2-pyridylmethyl)amine). Dalton Transactions RSC, 2002, , 951.	2.3	70
8	DNA binding properties, histidine interaction and cytotoxicity studies of water soluble ruthenium(<scp>ii</scp>) terpyridine complexes. Dalton Transactions, 2016, 45, 4633-4646.	3.3	70
9	Study of the reactions between platinum(II) complexes and l-methionine in the presence and absence of 5â€²-GMP. Journal of Inorganic Biochemistry, 2005, 99, 1472-1479.	3.5	67
10	Kinetic and mechanistic study on the reactions of [Pt(bpma)(H2O)]2+and [Pd(bpma)(H2O)]2+with some nucleophiles. Crystal structure of [Pd(bpma)(py)](ClO4)2. Dalton Transactions, 2006, , 2943-2949.	3.3	57
11	The impact of different chelating leaving groups on the substitution kinetics of mononuclear PtII(1,2-trans-R,R-diaminocyclohexane)(Xâ€“Y) complexes. Journal of Biological Inorganic Chemistry, 2007, 12, 461-475.	2.6	55
12	Kinetics and mechanism of the reactions of [Pt(terpy)H2O]2+ with thiols in acidic aqueous solution. Synthesis and crystal structure of [Pt(terpy)(tu)](ClO4)2 (tu = thiourea). Dalton Transactions RSC, 2002, , 2825.	2.3	50
13	Role of Ï€-Acceptor Effects in Controlling the Lability of Novel Monofunctional Pt(II) and Pd(II) Complexes: Crystal Structure of [Pt(tripyridinedimethane)Cl]Cl. Inorganic Chemistry, 2012, 51, 1516-1529.	4.0	48
14	Substitution versus redox reactions of gold(<scp>iii</scp>) complexes with <scp>l</scp>-cysteine, <scp>l</scp>-methionine and glutathione. Dalton Transactions, 2014, 43, 3911-3921.	3.3	47
15	New bimetallic palladium(<scp>ii</scp>) and platinum(<scp>ii</scp>) complexes: studies of the nucleophilic substitution reactions, interactions with CT-DNA, bovine serum albumin and cytotoxic activity. Dalton Transactions, 2016, 45, 12444-12457.	3.3	47
16	Kinetics and mechanism of the complex formation of [Pd(NNN)Cl]+ with pyridines in methanol: synthesis and crystal structure of [Pd(terpy)(py)](ClO4)2. Inorganica Chimica Acta, 2004, 357, 2650-2656.	2.4	45
17	Equilibrium, kinetic and HPLC study of the reactions between platinum(ii) complexes and DNA constituents in the presence and absence of glutathione. Dalton Transactions, 2004, , 3869-3877.	3.3	43
18	Studies on the reactions of [AuCl₄^{â^’} with different nucleophiles in aqueous solution. Dalton Transactions, 2014, 43, 8620-8632.	3.3	41

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19	Kinetics and mechanism of the reactions of Pd(ii) complexes with azoles and diazines. Crystal structure of [Pd(bpma)(H2O)](ClO4)2Â·2H2O. Dalton Transactions, 2006, , 2984-2990.	3.3	39
20	Studies of interactions between platinum(II) complexes and some biologically relevant molecules. Bioorganic and Medicinal Chemistry, 2007, 15, 4203-4211.	3.0	39
21	Impact of aromaticity on anticancer activity of polypyridyl ruthenium(II) complexes: synthesis, structure, DNA/protein binding, lipophilicity and anticancer activity. Journal of Biological Inorganic Chemistry, 2017, 22, 1007-1028.	2.6	38
22	Hydrolysis of [Pt(dien)H2O]2+ and [Pd(dien)H2O]2+ complexes in water. Transition Metal Chemistry, 2001, 26, 668-671.	1.4	37
23	Ligand substitution reactions and cytotoxic properties of [Au(L)Cl2]+ and [AuCl2(DMSO)2]+ complexes (L=ethylenediamine and S-methyl-l-cysteine). Journal of Inorganic Biochemistry, 2010, 104, 944-949.	3.5	37
24	Reduction of some Pt(iv) complexes with biologically important sulfur-donor ligands. Dalton Transactions, 2013, 42, 8890.	3.3	37
25	Kinetics and mechanism of the substitution reactions of [PtCl(bpma)]+, [PtCl(gly-met-S,N,N)] and their aqua analogues with l-methionine, glutathione and 5â€²-GMP. Journal of Biological Inorganic Chemistry, 2007, 12, 1141-1150.	2.6	36
26	Substitution behaviour of novel dinuclear Pt(<scp>ii</scp>) complexes with bio-relevant nucleophiles. Dalton Transactions, 2012, 41, 876-884.	3.3	36
27	Kinetic Studies on the Reactions of Different Bifunctional Platinum(II) Complexes with Selected Nucleophiles. European Journal of Inorganic Chemistry, 2010, 2010, 5439-5445.	2.0	35
28	Kinetics and mechanism of the reactions of Au(iii) complexes with some biologically relevant molecules. Dalton Transactions, 2012, 41, 3633.	3.3	35
29	Rate and Equilibrium Data for Substitution Reactions of [Pd(dien)Cl] + with L -Cysteine and Glutathione in Aqueous Solution. Monatshefte FÃ¼r Chemie, 2004, 135, 151-160.	1.8	34
30	New dinuclear palladium(II) complexes: Studies of the nucleophilic substitution reactions, DNA/BSA interactions and cytotoxic activity. Journal of Inorganic Biochemistry, 2017, 175, 67-79.	3.5	33
31	Cytotoxicity of gold(III) Complexes on A549 Human Lung Carcinoma Epithelial Cell Line. Medicinal Chemistry, 2012, 8, 2-8.	1.5	32
32	Equilibrium and kinetic data for the interaction of diaqua-(S-methyl-l-cysteine)palladium(ii) with biologically relevant ligands. Dalton Transactions RSC, 2002, , 3945.	2.3	31
33	Nucleophilicity of thiols towards planar tetracoordinated platinum(II) complexes. Transition Metal Chemistry, 1998, 23, 715-719.	1.4	29
34	Equilibrium and Kinetic Studies of the Reactions between Aqua[1-(2-aminoethyl)piperazine]palladium(II) and Biologically Relevant Nucleophiles. European Journal of Inorganic Chemistry, 2009, 2009, 2261-2270.	2.0	29
35	New gold carbene complexes as candidate anticancer agents. BioMetals, 2016, 29, 905-911.	4.1	29
36	Stability and reactivity of gold compounds â€“ From fundamental aspects to applications. Coordination Chemistry Reviews, 2017, 338, 186-206.	18.8	28

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37	Equilibrium studies of the reactions of palladium(ii) bis(imidazolin-2-imine) complexes with biologically relevant nucleophiles. The crystal structures of [(TLtBu)PdCl]ClO4 and [(BLiPr)PdCl2]. Dalton Transactions, 2011, 40, 6515.	3.3	27
38	Binding of Platinum(II) to Some Biologicaly Important Thiols. Metal-Based Drugs, 1999, 6, 355-360.	3.8	26
39	Antiproliferative properties and biomolecular interactions of three Pd(II) and Pt(II) complexes. Journal of Inorganic Biochemistry, 2016, 165, 1-6.	3.5	26
40	Synthesis and structures of a pincer-type rhodium(<scp>iii</scp>) complex: reactivity toward biomolecules. Dalton Transactions, 2016, 45, 15481-15491.	3.3	26
41	Influence of the chloride concentration on ligand substitution reactions of [Pt(SMC)Cl2] with biologically relevant nucleophiles. Dalton Transactions, 2009, , 4526.	3.3	23
42	Factors that influence the antiproliferative activity of half sandwich RuIIâ€“[9]aneS3 coordination compounds: activation kinetics and interaction with guanine derivatives. Dalton Transactions, 2012, 41, 11608.	3.3	23
43	Palladium(<scp>ii</scp>) complexes with highly basic imidazolin-2-imines and their reactivity toward small bio-molecules. Dalton Transactions, 2015, 44, 17346-17359.	3.3	21
44	Mechanism of the reactions of ruthenium(II) polypyridyl complexes with thiourea, sulfur-containing amino acids and nitrogen-containing heterocycles. Polyhedron, 2015, 91, 73-83.	2.2	19
45	Kinetic and mechanistic study on the reactions of ruthenium(<scp>ii</scp>) chlorophenyl terpyridine complexes with nucleobases, oligonucleotides and DNA. Dalton Transactions, 2017, 46, 2360-2369.	3.3	19
46	Growth Effects of Some Platinum(II) Complexes with Sulfur-Containing Carrier Ligands on MCF7 Human Breast Cancer Cell Line upon Simultaneous Administration with Taxol. Metal-Based Drugs, 2002, 9, 33-43.	3.8	18
47	Influence of sodium dodecyl sulfate on the kinetics of complex formation between [PdCl(dien)]+ and sulfur containing ligands l-cysteine and glutathione. Polyhedron, 2003, 22, 279-285.	2.2	18
48	Thermodynamic and Kinetic Studies on Reactions of Pt(II) Complexes with Pyrazole, Pyridazine, and 1,2,4-Triazole. Monatshefte FÃ¼r Chemie, 2007, 138, 1-11.	1.8	18
49	Laser desorption and ionization time-of-flightversus matrix-assisted laser desorption and ionization time-of-flight mass spectrometry of Pt(ii) and Ru(iii) metal complexes. Analytical Methods, 2011, 3, 400-407.	2.7	16
50	Cytotoxic properties of platinum(IV) and dinuclear platinum(II) complexes and their ligand substitution reactions with guanosine-5â€²-monophosphate. Transition Metal Chemistry, 2012, 37, 481-488.	1.4	16
51	Kinetics and mechanism of the reactions of Ru(II)â€“arene complex with some biologically relevant ligands. Polyhedron, 2011, 30, 2339-2344.	2.2	15
52	In vitro effects of some gold complexes on Na+/K+ ATPase activity and cell proliferation. Journal of Inorganic Biochemistry, 2013, 124, 35-41.	3.5	15
53	Kinetic studies on the reactions of [Pd(dach)(Xâ€“Y)] complexes with some DNA constituents. Dalton Transactions, 2008, , 807-813.	3.3	14
54	Platinum Complexes-Induced Cardiotoxicity of Isolated, Perfused Rat Heart: Comparison of Pt(II) and Pt(IV) Analogues Versus Cisplatin. Cardiovascular Toxicology, 2015, 15, 261-268.	2.7	14

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55	Kinetics of the substitution reactions of some Pt(II) complexes with 5â€²-GMP and <scp>L</scp> -histidine. International Journal of Chemical Kinetics, 2011, 43, 99-106.	1.6	13
56	Substitution reactions of some novel sterically hindered monofunctional Pd(II) complexes. Inorganica Chimica Acta, 2012, 383, 300-304.	2.4	13
57	Influence of acidity on the reaction between [PdCl(dien)]+ andL-cysteine or glutathione in the presence of sodium dodecyl sulfate micelles. Journal of Physical Organic Chemistry, 2005, 18, 441-447.	1.9	12
58	Prevention and recovery of (Î¼3-diethylentriamino)-chloro-palladium(II)-chloride induced inhibition of Na/K-ATPase by SH containing ligands â€“ l-cysteine and glutathione. Toxicology in Vitro, 2006, 20, 1292-1299.	2.4	12
59	KINETICS AND MECHANISM OF COMPLEX FORMATION BETWEEN [PtCl(DIEN)]⁺AND THIOLS AND THIOETHERS. Journal of Coordination Chemistry, 2001, 53, 35-45.	2.2	11
60	Systematic Counterion Tuning of the Solid-State Structure of [Pt(thiourea)4]2+. European Journal of Inorganic Chemistry, 2007, 2007, 1390-1404.	2.0	11
61	UV-Vis, HPLC, and ¹H-NMR studies of the substitution reactions of some Pt(IV) complexes with 5â€²-GMP and <scp>L</scp>-histidine. Journal of Coordination Chemistry, 2010, 63, 2419-2430.	2.2	11
62	Platinum(<scp>ii</scp>) complexes with hybrid amine-imidazolin-2-imine ligands and their reactivity toward bio-molecules. New Journal of Chemistry, 2016, 40, 4818-4825.	2.8	11
63	A camphor based 1,3-diamine Ru(<scp>ii</scp>) terpyridine complex: synthesis, characterization, kinetic investigation and DNA binding. New Journal of Chemistry, 2018, 42, 7607-7611.	2.8	10
64	Kinetic and thermodynamic studies on reactions of [PtCl(bpma)]+ and [Pt(bpma)H2O]2+ (bpmaÂ=Âbis-(2-pyridylmethyl)amine) with some azoles and diazines. Transition Metal Chemistry, 2011, 36, 73-78.	1.4	9
65	Ligand substitution reactions of some sterically hindered Pt(II) complexes. The crystal structures of [TLtBuH2](ClO4)2Â·0.5H2O. Polyhedron, 2012, 41, 70-76.	2.2	9
66	NMR kinetic studies of the interactions between [Ru(terpy)(bipy)(H2O)]2+ and some sulfur-donor ligands. Inorganica Chimica Acta, 2013, 394, 552-557.	2.4	9
67	Kinetics, mechanism, and equilibrium studies of the reactions between a ruthenium(II) complex and some nitrogen- and sulfur-donor nucleophiles. Monatshefte FÃ¼r Chemie, 2013, 144, 1489-1498.	1.8	9
68	Interactions of nitrogen-donor bio-molecules with dinuclear platinum(II) complexes. Journal of Coordination Chemistry, 2015, 68, 3148-3163.	2.2	9
69	Cisplatin and cisplatin analogues perfusion through isolated rat heart: the effects of acute application on oxidative stress biomarkers. Molecular and Cellular Biochemistry, 2018, 439, 19-33.	3.1	9
70	Title is missing!. Transition Metal Chemistry, 2002, 27, 155-158.	1.4	8
71	Effects of cisplatin and other Pt(II) complexes on spontaneous motility of isolated human oviduct. Toxicology in Vitro, 2008, 22, 1878-1882.	2.4	6
72	Effects of aurothiomalate and gold(III) complexes on spontaneous motility of isolated human oviduct. BioMetals, 2012, 25, 919-925.	4.1	6

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73	Kinetics and mechanism of substitution reactions of the new bimetallic [{PdCl(bipy)}{Î¼-(NH2(CH2)6H2N)}{PtCl(bipy)}]Cl(ClO4) complex with important bio-molecules. Polyhedron, 2015, 101, 206-214.	2.2	6
74	Crystal structure of K[PtCl₃(caffeine)] and its interactions with important nitrogen-donor ligands. Journal of Coordination Chemistry, 2016, 69, 735-747.	2.2	6
75	Effects of Micelles on the Complex Formation of [PtCl(dien)]+with Biologically Relevant Ligands. Bulletin of the Chemical Society of Japan, 2006, 79, 1889-1893.	3.2	5
76	Equilibrium and 1H NMR Kinetic Study of the Reactions of Dichlorido [S-Methyl-L-Cysteine(N,S)]Platinum(II) Complex with Some Relevant Biomolecules. Journal of Solution Chemistry, 2009, 38, 57-71.	1.2	5
77	Kinetics of chloride substitution in [Pt(bpma)Cl]+ and [Pt(gly-met-S,N,N)Cl] complexes by thiourea, nitrites, and iodides. Chemical Papers, 2014, 68, .	2.2	4
78	Kinetics and mechanism of the substitution reactions of some monofunctional Pd(II) complexes with different nitrogen-donor heterocycles. Journal of Coordination Chemistry, 2015, 68, 3003-3012.	2.2	4
79	Kinetics and mechanism of the substitution reactions of some monofunctional Pt(II) complexes with heterocyclic nitrogen donor molecules. Crystal structure of [Pt(bpma)(pzBr)]Cl₂Â·2H₂O. Journal of Coordination Chemistry, 2016, 69, 2819-2831.	2.2	4
80	Classification of stacking interaction geometries of terpyridyl square-planar complexes in crystal structures. CrystEngComm, 2010, , .	2.6	3
81	Complex formation reactions of two sterically hindered platinum(II) complexes with some N-bonding ligands. Transition Metal Chemistry, 2013, 38, 635-640.	1.4	3
82	Inhibitory effect of cisplatin and [Pt(dach)Cl2] on the activity of phospholipase A2. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 651-660.	5.2	2
83	Study of the reactions of cisplatin with ranitidine and nizatidine by means of 1H NMR spectroscopy in D2O. Monatshefte FÃ¼r Chemie, 2008, 139, 1197-1202.	1.8	1
84	Equilibrium studies between some transition metal ions and Me6[14]dieneN4 ligand. Monatshefte FÃ¼r Chemie, 2012, 143, 1357-1363.	1.8	1
85	Kinetics and mechanism of the substitution reactions of some bifunctional palladium(II) complexes with different nitrogen-donor heterocycles. Transition Metal Chemistry, 2016, 41, 161-168.	1.4	1
86	Substitution reactions of dinuclear platinum(II) complexes with some nitrogen nucleophiles. Transition Metal Chemistry, 2015, 40, 137-144.	1.4	0