Antonio Zucca

List of Publications by Year in descending order

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126907 197818 2,901 86 33 49 h-index citations g-index papers 88 88 88 2106 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Rollover Cyclometalation as a Valuable Tool for Regioselective Câ \in "H Bond Activation and Functionalization. Molecules, 2021, 26, 328.	3.8	19
2	Synthesis and characterization of new Pd(<scp>ii</scp>) and Pt(<scp>ii</scp>) complexes with 3-substituted 1-(2-pyridyl)imidazo[1,5- <i>a</i>)pyridine ligands. Dalton Transactions, 2021, 50, 4859-4873.	3.3	4
3	Ru(terpy)-Based Conducting Polymer in Electrochemical Biosensing of Epinephrine. Applied Sciences (Switzerland), 2021, 11, 2065.	2.5	3
4	Application of a Thiadiazoleâ€derivative in a Tyrosinaseâ€based Amperometric Biosensor for Epinephrine Detection. Electroanalysis, 2021, 33, 1639-1645.	2.9	12
5	Pt(II) Derivatives with Rollover-Coordinated 6-substituted 2,2′-bipyridines: Ligands with Multiple Personalities. Applied Sciences (Switzerland), 2020, 10, 6665.	2.5	3
6	Structural, Theoretical and Spectroscopic Characterisation of a Series of Novel Gold(I)-Norbornene Complexes Supported by Phenanthrolines: Effects of the Supporting Ligand. European Journal of Inorganic Chemistry, 2019, 2019, 4784-4795.	2.0	8
7	Position Impact of Hydroxy Groups on Spectral, Acid–Base Profiles and DNA Interactions of Several Monohydroxy Flavanones. Molecules, 2019, 24, 3049.	3.8	11
8	Physicochemical, antioxidant, DNA cleaving properties and antimicrobial activity of fisetin-copper chelates. Journal of Inorganic Biochemistry, 2018, 180, 101-118.	3.5	25
9	New Variations on the Theme of Gold(III) C ^{â^§} N ^{â^§} N Cyclometalated Complexes as Anticancer Agents: Synthesis and Biological Characterization. Inorganic Chemistry, 2018, 57, 14852-14865.	4.0	28
10	[Au(py b -H)(mnt)]: A novel gold(III) 1,2-dithiolene cyclometalated complex with antimicrobial activity (py b -H = C-deprotonated 2-benzylpyridine; mnt = 1,2-dicyanoethene-1,2-dithiolate). Journal of Inorganic Biochemistry, 2017, 170, 188-194.	3.5	21
11	Platinum(II), palladium(II) and gold(III) adducts and cyclometalated derivatives of 6-methoxy-2,2′-bipyridine: A comparative study. Journal of Organometallic Chemistry, 2016, 819, 76-86.	1.8	17
12	Cytotoxic properties of a new organometallic platinum(<scp>ii</scp>) complex and its gold(<scp>i</scp>) heterobimetallic derivatives. Dalton Transactions, 2016, 45, 579-590.	3.3	47
13	Oligo-thiophene tethered 1,10-phenanthroline as N-chelating moiety. Electrochemical and optical characterization of the π-conjugated molecule and of the relevant conducting polymer and metallopolymers. Polymer, 2015, 56, 123-130.	3.8	4
14	Electronic and Steric Effects in Rollover C–H Bond Activation. Organometallics, 2015, 34, 817-828.	2.3	35
15	Chiral cyclometalation of 6-(1-phenylbenzyl)-2,2′-bipyridine. Dalton Transactions, 2015, 44, 18001-18011.	3.3	9
16	Cyclometalated Complexes of Platinum(II) with 2â€Vinylpyridine. European Journal of Inorganic Chemistry, 2014, 2014, 2278-2287.	2.0	19
17	Rolloverâ€Assisted C(sp ²)C(sp ³) Bond Formation. Chemistry - A European Journal, 2014, 20, 5501-5510.	3.3	50
18	Gold(i) compounds with lansoprazole-type ligands: synthesis, characterization and anticancer properties in vitro. MedChemComm, 2014, 5, 1418-1422.	3.4	9

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19	Assembly of symmetrical and unsymmetrical platinum(ii) rollover complexes with bidentate phosphine ligands. Dalton Transactions, 2014, 43, 14806-14815.	3.3	27
20	Synthesis and Characterization of Palladium(II) and Platinum(II) Adducts and Cyclometalated Complexes of 6,6′-Dimethoxy-2,2′-bipyridine: C(sp ³)–H and C(sp ²)–H Bond Activations. Organometallics, 2014, 33, 3414-3424.	2.3	30
21	Oxidative Addition of MeI to a Rollover Complex of Platinum(II): Isolation of the Kinetic Product. Organometallics, 2013, 32, 3371-3375.	2.3	39
22	Homoleptic Ru(II) complex with terpyridine ligands appended with terthiophene moieties: Synthesis, characterization and electropolymerization. Polyhedron, 2013, 49, 24-28.	2.2	18
23	Mesoionic Complexes of Platinum(II) Derived from "Rollover―Cyclometalation: A Delicate Balance between Pt–C(sp ³) and Pt–C(sp ²) Bond Cleavage as a Result of Different Reaction Conditions. Organometallics, 2013, 32, 438-448.	2.3	41
24	Rollover Cyclometalation with 2-(2′-Pyridyl)quinoline. Inorganic Chemistry, 2013, 52, 7717-7731.	4.0	52
25	First Example of Hydrogen Bonding to Platinum Hydride. Zeitschrift Fur Physikalische Chemie, 2013, 227, 869-880.	2.8	6
26	Electropolymerization of a Ru(II)-terpyridine complex ethynyl-terthiophene functionalized originating different metallopolymers. Polymer, 2013, 54, 3504-3509.	3.8	18
27	Heterobimetallic Rollover Derivatives. Organometallics, 2012, 31, 2971-2977.	2.3	42
28	Synthesis, Structural Characterization, Solution Behavior, and in Vitro Antiproliferative Properties of a Series of Gold Complexes with 2-(2′-Pyridyl)benzimidazole as Ligand: Comparisons of Gold(III) versus Gold(I) and Mononuclear versus Binuclear Derivatives. Inorganic Chemistry, 2012, 51, 3161-3171.	4.0	74
29	Ru2+ complexes comprising terpyridine ligands appended with terthiophene chromophores: energy transfer and energy reservoir effect. Chemical Communications, 2011, 47, 3413.	4.1	17
30	Platinum(II)-Cyclometalated "Roll-over―Complexes with a Chiral Pinene-Derived 2,2′-Bipyridine. Organometallics, 2011, 30, 3064-3074.	2.3	36
31	A new terpyridine tethered polythiophene: Electrosynthesis and characterization. Journal of Polymer Science Part A, 2011, 49, 3513-3523.	2.3	15
32	Gold(iii) six-membered Nâ€âN pincer complexes: synthesis, structure, reactivity and theoretical calculations. Dalton Transactions, 2010, 39, 10293.	3.3	24
33	Step by step palladium mediated syntheses of new 2-(pyridin-2-yl)-6-R-nicotinic acids and esters. Journal of Organometallic Chemistry, 2010, 695, 256-259.	1.8	27
34	Intramolecular C(sp ²)â^'H Bond Activation in 6,6′-Dimethoxy-2,2′-Bipyridine with Gold(III). Crystal and Molecular Structure of the First N′,C(3) "Rollover―Cycloaurated Derivative. Organometallics, 2010, 29, 1064-1066.	2.3	50
35	Platinum(ii) N-heterocyclic carbene complexes: coordination and cyclometallation Dalton Transactions, 2010, 39, 7822.	3.3	39
36	Gold(III) adducts of 2-vinyl- and 2-ethylpyridine and cyclometallated derivatives of 2-vinylpyridine: Crystal structure of the cyclometallated derivative [Au(k2-C,N–CH2CH(Cl)–C5H4N)(PPh3)Cl][PF6]. Journal of Organometallic Chemistry, 2009, 694, 2949-2955.	1.8	19

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37	N^N^C platinum(II) and palladium(II) cyclometallates of 6,6′-diphenyl-2,2′-bipyridine, L: Crystal and molecular structure of [Pd(L–H)Cl]. Journal of Organometallic Chemistry, 2009, 694, 3753-3761.	1.8	22
38	Cyclometalation of 2,2′-Bipyridine. Mono- and Dinuclear C,N Platinum(II) Derivatives. Organometallics, 2009, 28, 2150-2159.	2.3	87
39	Gold(III) Adducts with Chiral Pyridinyl-Oxazolines. Synthesis, Reactivity of the Coordinated Ligands, and Structural Characterizations. Organometallics, 2009, 28, 7015-7024.	2.3	26
40	Reactivity of 1,3-bis(2-pyridyl)benzene, NâCHâN, with gold(iii) chlorides: salts, adducts and cyclometalated pincer derivatives. Crystal and molecular structures of [HNâCHâN][AuCl4], [Au(NâCâN)Cl][PF6] and [Au(NâCâN)Cl(PPh3)2][PF6]. Dalton Transactions, 2009, , 3467.	3.3	24
41	N,C "Rollover―Cyclometalated Platinum(II) Hydrides: Mono- and Polynuclear Derivatives. Organometallics, 2008, 27, 3415-3421.	2.3	35
42	Cyclometalated Platinum(II) Hydrides with Nitrogen Ligands. Organometallics, 2007, 26, 5621-5626.	2.3	11
43	Dinuclear C,N,C Cyclometalated Platinum Derivatives with Bridging Delocalized Ligands. Fourfold Deprotonation of 6,6â€~-Diphenyl-2,2â€~-bipyridine, H4L, Promoted by "Pt(R)2―Fragments (R = Me, Ph). Crys Structures of [Pt2(L)(3,5-Me2py)2] and {Pt2(L)(dppe)}2 (dppe = 1,2-Bis(diphenylphosphino)ethane). X-ray Powder Diffraction of [Pt2(L)(CO)2]. Organometallics. 2006. 25, 2253-2265.	tal 2.3	43
44	Synthesis and properties of gold alkene complexes. Crystal structure of [Au(bipyoXyl)(η2-CH2î€CHPh)](PF6) and DFT calculations on the model cation [Au(bipy)(η2-CH2î€CH2)]+. Dalton Transactions, 2006, , 5703-5716.	3.3	87
45	Electrochemical and spectroelectrochemical characterisation of poly($3\hat{a}\in^2$ -hydroxymethyl-2,2 $\hat{a}\in^2$:5 $\hat{a}\in^2$,2 $\hat{a}\in^3$ -terthiophene). Synthetic Metals, 2006, 156, 984-989.	3.9	5
46	The first pincer-aryl [M–(NCN)] complexes {M=Pd(II); Pt(II)} with chiral pyridine donors: Synthesis and catalytic activity in C–C bond formation. Inorganica Chimica Acta, 2006, 359, 1879-1888.	2.4	63
47	Dinuclear platinum(II) complexes with bridging twofold deprotonated 2,2′:6′,2″-terpyridine. New molecules with a 3,5-diplatinated-pyridyl inner core: [Pt2(terpy-2H)(Me)2(L)2], [Pt2(terpy-2H)(X)2(L)2] and [Pt2(terpy-2H)(H)2(L)2] (L=neutral ligand; X=halide) â€" Crystal and molecular structure of [Pt2(terpy-2H)(Cl)2(PPh3)2]. Journal of Organometallic Chemistry, 2006, 691, 4135-4146.	1.8	22
48	Synthesis and electrochemical polymerisation of 3′-functionalised terthiophenes. Electrochimica Acta, 2006, 51, 4859-4864.	5.2	28
49	Reactions of Gold(III) Oxo Complexes with Cyclic Alkenes. Angewandte Chemie - International Edition, 2005, 44, 6892-6895.	13.8	127
50	Synthesis of the First C-2 Cyclopalladated Derivatives of 1,3-Bis(2-pyridyl)benzene. Crystal Structures of [Hg(N-C-N)Cl], [Pd(N-C-N)Cl], and [Pd2(N-C-N)2(\hat{l} /4-OAc)]2[Hg2Cl6]. Catalytic Activity in the Heck Reaction. Organometallics, 2005, 24, 53-61.	2.3	87
51	Effect of 5-Me substituent(s) on the catalytic activity of palladium(II) 2,2′-bipyridine complexes in CO/4-tert-butylstyrene copolymerization. Journal of Organometallic Chemistry, 2004, 689, 1521-1529.	1.8	16
52	Dinuclear, Tricyclometallated Platinum(II) Derivatives? Substitution Reactions and Reactivity of the Platinum? Carbon Bonds. European Journal of Inorganic Chemistry, 2004, 2004, 4484-4490.	2.0	41
53	Reaction of gold(iii) oxo complexes with alkenes. Synthesis of unprecedented gold alkene complexes, [Au(N,N)(alkene)][PF6]. Crystal structure of [Au(bipyip)(η2-CH2î€CHPh)][PF6] (bipyip=) Tj ETQq1 1 0.784314 rgE	8¶/Overlo	ck:10 Tf 50

Synthesis and Characterization of Mononuclear Amidogold (III) Complexes $\hat{a}^{\text{-}\text{2}}$ Crystal Structure of

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#	Article	IF	CITATIONS
55	Chiral Complexes of RhI Containing Binaphthalene-Core P,S-Heterobidentate Ligands \hat{a} Synthesis, Characterization, and Catalytic Activity in Asymmetric Hydrogenation of $\hat{l}\pm,\hat{l}^2$ -Unsaturated Acids and Esters. European Journal of Inorganic Chemistry, 2003, 2003, 556-561.	2.0	11
56	Chiral Complexes of RhI Containing Binaphthalene-Core P,S-Heterobidentate Ligands $\hat{a} \in \mathbb{C}^n$ Synthesis, Characterization, and Catalytic Activity in Asymmetric Hydrogenation of $\hat{l}_{\pm},\hat{l}_{\pm}^2$ -Unsaturated Acids and Esters ChemInform, 2003, 34, no.	0.0	0
57	Novel T-Shaped 14-Electron Platinum(II) Complexes Stabilized by One Agostic Interaction. Angewandte Chemie - International Edition, 2003, 42, 105-109.	13.8	96
58	Reactivity of 6-(2-tolyl)- and 6-(2,6-xylyl)-2,2′-bipyridines with palladium(II) derivatives. Selective C(sp3)î—,H vs. C(sp2)î—,H activation. Journal of Organometallic Chemistry, 2003, 679, 1-9.	1.8	32
59	Activation of a Câ^'H Bond in a Pyridine Ring. Reaction of 6-Substituted 2,2 -Bipyridines with Methyl and Phenyl Platinum(II) Derivatives:  N ,C(3)-"Rollover―Cyclometalation. Organometallics, 2003, 22, 4770-4777.	2.3	95
60	Multiple Câ^'H Bond Activation. Threefold-Deprotonated 6-Phenyl-2,2 -bipyridine as a Bridging Ligand in Dinuclear Platinum(II) Derivatives. Organometallics, 2002, 21, 783-785.	2.3	73
61	Reactivity of Ph2P(O)py-2 with Platinum(II) Alkyl Derivatives â ⁻² Building-up of a Chiral Phosphorus Atom through C,N-Cyclometallation. European Journal of Inorganic Chemistry, 2002, 2002, 431-438.	2.0	15
62	Metallation of Unactivated Methyl Groups â^' Platinum(II) Derivatives with 6-Alkyl-2,2′-bipyridines. European Journal of Inorganic Chemistry, 2002, 2002, 3336-3346.	2.0	33
63	New complexes of palladium(II) with chelating heterocyclic nitrogen ligands Journal of Organometallic Chemistry, 2002, 664, 77-84.	1.8	21
64	Synthesis and Molecular Structure of [Pd{CH2CH2C(O)Me}(HL)][BArâ€~4] (HL = 6-Me-2,2â€~-bipyridine, Arâ€~ = 4111-4113.) Tj ETQq(2.3	0 0 0 rgBT /O
65	Unprecedented Behavior of 2,2â€~:6â€~,2â€~ â€~-Terpyridine:  Dinuclear Platinum(II) Derivatives with a N Bridging Ligand. Organometallics, 2001, 20, 1148-1152.	New N,Câ^	§C.38
66	Electrochemical behaviour of cyclometallated gold(III) complexes. Evidence of transcyclometallation in the fate of electroreduced species. Journal of Organometallic Chemistry, 2001, 622, 47-53.	1.8	22
67	Neutral and Cationic Methyl Complexes of Platinum(II) with 6-Substituted 2,2′-Bipyridines: Synthesis, Characterisation and Reactivity with Carbon Monoxide âˆ' Molecular Structures of [PtCl(methyl)(6-ethyl-2,2′-bipyridine)] and of [Pt(methyl)(acetonitrile)(6-ethyl-2,2′-bipyridine)] [BF4]. European Journal of Inorganic Chemistry, 2000, 2000, 2555-2563.	2.0	17
68	Platinum complexes with Nî—¸Nî—¸C ligands. Syntheses, electrochemical and spectroscopic characterisations of platinum(II) and relevant electroreduced species. Inorganica Chimica Acta, 2000, 305, 189-205.	2.4	23
69	Cyclopalladation of 6-Substituted-2,2â€~-bipyridines. Metalation of Unactivated Methyl Groups vs Aromatic Câ^'H Activation. Organometallics, 2000, 19, 4295-4304.	2.3	74
70	Gold(III) derivatives with anionic oxygen ligands: mononuclear hydroxo, alkoxo and acetato complexes. Crystal structure of [Au(bpy)(OMe)2][PF6]. Dalton Transactions RSC, 2000, , 1261-1265.	2.3	58
71	Cyclometallated derivatives of rhodium(III). Activation of C(sp3)–H vs. C(sp2)–H bonds. Journal of the Chemical Society Dalton Transactions, 1999, , 3431-3437.	1.1	7
72	Palladium(II) and platinum(II)-C(3)-substituted 2,2′-bipyridines. Chemistry of Heterocyclic Compounds, 1999, 35, 992-1000.	1.2	38

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73	Replacement of the chloride ligand in [Au(C,N,N)Cl][PF6] cyclometallated complexes by C, N, O and S donor anionic ligands. Journal of the Chemical Society Dalton Transactions, 1999, , 2823-2831.	1.1	38
74	C(3) aurated 1,4-benzodiazepin-2-ones. Synthesis and characterization. Crystal structure of (L)Au[P(C6H4CH3-4)3] (HL=7-chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one, DIAZEPAM). Journal of Organometallic Chemistry, 1998, 553, 405-415.	1.8	5
75	Gold(III) derivatives with C(4)-aurated 1-phenylpyrazole. Journal of Organometallic Chemistry, 1998, 568, 225-232.	1.8	15
76	Palladium(II) and platinum(II) derivatives with N,O ligands. Journal of the Chemical Society Dalton Transactions, 1998, , 4119-4126.	1.1	14
77	μ-Oxo and alkoxo complexes of gold(III) with 6-alkyl-2,2′-bipyridines. Synthesis, characterization and X-ray structures. Journal of the Chemical Society Dalton Transactions, 1998, , 1735-1742.	1.1	50
78	The first gold(III) dinuclear cyclometallated derivatives with a single oxo bridge. Chemical Communications, 1998, , 2397-2398.	4.1	27
79	Synthesis and characterization of gold(III) adducts and cyclometallated derivatives with 6-benzyl- and 6-alkyl-2,2′-bipyridines. Journal of the Chemical Society Dalton Transactions, 1996, , 4217-4225.	1.1	86
80	Synthesis and characterization of square-planar palladium(II), platinum(II) and rhodium(I) complexes with a chiral pyridylphosphine hybrid ligand. Journal of the Chemical Society Dalton Transactions, 1996, , 1295.	1.1	19
81	Synthesis and characterization of gold(III) adducts and cyclometallated derivatives with 2-substituted pyridines. Crystal structure of [Au{NC5H4(CMe2C6H4)-2}Cl2]. Journal of the Chemical Society Dalton Transactions, 1995, , 2865.	1.1	93
82	Cyclometallated derivatives of platinum(II) derived from 6-(tert-butyl)-2,2′-bipyridine (HL). Crystal and molecular structure of [Pt(L)CI]. Journal of the Chemical Society Dalton Transactions, 1995, , 777-781.	1.1	36
83	Cyclometallated derivatives of platinum(II) derived from 1,4-benzodiazepin-2-ones. Crystal and molecular structure of Pt(L)(HL)Cl(HLî—»7-chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one,) To Chimica Acta, 1994, 215, 17-26.	j ETQq1	1 0.784314 rgl
84	Six-membered cyclometallated derivatives of platinum(II) derived from 2-benzylpyridines. Crystal and molecular structure of [Pt(L)(Ph3P)Cl] (HL = 2-(1-methylbenzyl)pyridine). Journal of Organometallic Chemistry, 1994, 481, 195-204.	1.8	23
85	Cyclometallated derivatives of palladium(II) and platinum(II) derived from 6-t-butyl-2,2′-bipyridine. Journal of Organometallic Chemistry, 1993, 450, C15-C16.	1.8	26
86	Unusual platinum hydrides with nitrogen ligands. Inorganic Chemistry, 1990, 29, 5137-5138.	4.0	22