

Isabella Rimoldi

List of Publications by Year in descending order

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57
papers

927
citations

430874

18
h-index

552781

26
g-index

60
all docs

60
docs citations

60
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	A tandem MS precursor-ion scan approach to identify variable covalent modification of albumin Cys34: a new tool for studying vascular carbonylation. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1470-1481.	1.6	62
2	Vibrational circular dichroism and chiroptical properties of chiral Ir(III) luminescent complexes. <i>Dalton Transactions</i> , 2016, 45, 992-999.	3.3	40
3	An in vivo active 1,2,5-oxadiazole Pt(II) complex: A promising anticancer agent endowed with STAT3 inhibitory properties. <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 196-206.	5.5	37
4	Anticancer platinum(II) complexes bearing N-heterocycle rings. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1257-1263.	2.2	37
5	Fast-dissolving mucoadhesive microparticulate delivery system containing piroxicam. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 24, 355-361.	4.0	35
6	In vitro anticancer activity evaluation of new cationic platinum(II) complexes based on imidazole moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1907-1913.	3.0	29
7	8-Amino-5,6,7,8-tetrahydroquinolines as ligands in iridium(III) catalysts for the reduction of aryl ketones by asymmetric transfer hydrogenation (ATH). <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1031-1037.	1.8	28
8	Simple 1,3-diamines and their application as ligands in ruthenium(II) catalysts for asymmetric transfer hydrogenation of aryl ketones. <i>New Journal of Chemistry</i> , 2015, 39, 3792-3800.	2.8	25
9	Evaluation of Chemical Diversity of Biotinylated Chiral 1,3-Diamines as a Catalytic Moiety in Artificial Imine Reductase. <i>ChemCatChem</i> , 2016, 8, 1665-1670.	3.7	25
10	On the relation between carbonyl stretching frequencies and the donor power of chelating diphosphines in nickel dicarbonyl complexes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 9028-9038.	2.8	25
11	Exploiting coordination geometry to selectively predict the σ -donor and π -acceptor abilities of ligands: a back-and-forth journey between electronic properties and spectroscopy. <i>Chemical Communications</i> , 2018, 54, 2397-2400.	4.1	24
12	DIOPHEP, a chiral diastereoisomeric bisphosphine ligand: synthesis and applications in asymmetric hydrogenations. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1654-1659.	1.8	23
13	Cytotoxic effect of (1-methyl-1H-imidazol-2-yl)-methanamine and its derivatives in Pt II complexes on human carcinoma cell lines: A comparative study with cisplatin. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2379-2386.	3.0	23
14	Electropolymerized Highly Photoconductive Thin Films of Cyclopalladated and Cycloplatinated Complexes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4019-4028.	8.0	23
15	Promising antiproliferative platinum(II) complexes based on imidazole moiety: synthesis, evaluation in HCT-116 cancer cell line and interaction with Ctr-1 Met-rich domain. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2538-2547.	3.0	21
16	Ctr-1 Met ⁷ motif inspiring new peptide ligands for Cu(I)-catalyzed asymmetric Henry reactions under green conditions. <i>RSC Advances</i> , 2016, 6, 71529-71533.	3.6	21
17	Asymmetric Hydrogenation vs Transfer Hydrogenation in the Reduction of Cyclic Imines. <i>ChemistrySelect</i> , 2018, 3, 8797-8800.	1.5	21
18	3-(Hydroxy(phenyl)methyl)azetid-2-ones obtained via catalytic asymmetric hydrogenation or by biotransformation. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 597-602.	1.8	20

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19	âœln situâœ Activation of Racemic Ru ^{II} Complexes: Separation of <i>trans</i> and <i>cis</i> Species and Their Application in Asymmetric Reduction. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4365-4370.	2.0	20
20	8-Amino-5,6,7,8-tetrahydroquinoline in iridium(^{III}) biotinylated Cp* complex as artificial imine reductase. <i>New Journal of Chemistry</i> , 2018, 42, 18773-18776.	2.8	20
21	Enantioselective Transfer Hydrogenation of Aryl Ketones: Synthesis and 2D-NMR Characterization of New 8-amino-5,6,7,8-tetrahydroquinoline Ru(II)-complexes. <i>Current Organic Chemistry</i> , 2012, 16, 2982-2988.	1.6	19
22	Stereoselective synthesis of 1-methylcarbapenem precursors: studies on the diastereoselective hydroformylation of 4-vinyl Î ² -lactam with aminophosphoniteâœ phosphinite and aminophosphineâœ phosphite rhodium(I) complexes. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3841-3845.	1.8	18
23	Asymmetric reductions of ethyl 2-(benzamidomethyl)-3-oxobutanoate by yeasts. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 411-414.	1.8	18
24	Chemo- and biocatalytic strategies to obtain phenylisoserine, a lateral chain of Taxol by asymmetric reduction. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 2110-2116.	1.8	18
25	Uptake-release by MSCs of a cationic platinum(II) complex active in vitro on human malignant cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 111-118.	5.6	18
26	Monofunctional Pt ^{II} Complexes Based on 8âœ Aminoquinoline: Synthesis and Pharmacological Characterization. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3389-3395.	2.0	18
27	Luminescent water-soluble cycloplatinated complexes: Structural, photophysical, electrochemical and chiroptical properties. <i>Inorganica Chimica Acta</i> , 2017, 461, 267-274.	2.4	17
28	Novel 3,3-disubstituted oxindole derivatives. Synthesis and evaluation of the anti-proliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126845.	2.2	17
29	Aminophosphonite-phosphite and aminophosphonite-phosphinite ligands with mixed chirality: preparation and catalytic applications in asymmetric hydrogenation and hydroformylation. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 211-220.	4.8	16
30	Luminescent chiral ionic Ir(III) complexes: Synthesis and photophysical properties. <i>Journal of Luminescence</i> , 2016, 170, 812-819.	3.1	16
31	Promising Non-cytotoxic Monosubstituted Chalcones to Target Monoamine Oxidase-B. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1151-1158.	2.8	15
32	Chiral 1,4-bis-diphosphine ligands from optically active (Z)-olefines. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1278-1283.	1.8	12
33	Efficient methodology to produce a duloxetine precursor using whole cells of <i>Rhodotorula rubra</i> . <i>Tetrahedron: Asymmetry</i> , 2016, 27, 389-396.	1.8	12
34	Malignant Pleural Mesothelioma: State of the art and advanced cell therapy. <i>European Journal of Medicinal Chemistry</i> , 2017, 142, 266-270.	5.5	12
35	Cytotoxic performances of new anionic cyclometalated Pt(II) complexes bearing chelated O [^] O ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5455.	3.5	12
36	Enantioselective Mukaiyama aldol and Sakurai allylation reactions catalysed by silver(I) complexes with chiral atropisomeric chelating ligands. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 221-226.	4.8	10

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37	VCD spectroscopy as an excellent probe of chiral metal complexes containing a carbon monoxide vibrational chromophore. <i>Chemical Communications</i> , 2015, 51, 9385-9387.	4.1	10
38	Cascade Reaction by Chemo- and Biocatalytic Approaches to Obtain Chiral Hydroxy Ketones and <i>anti</i> -1,3-Diols. <i>ChemistryOpen</i> , 2018, 7, 393-400.	1.9	9
39	Exploring the copper binding ability of Met5h CtrA protein domain and His7 derivative: An insight in Michael addition catalysis. <i>Journal of Peptide Science</i> , 2021, 27, e3289.	1.4	9
40	Mesenchymal Stromal Cells for Antineoplastic Drug Loading and Delivery. <i>Medicines (Basel)</i> , 2021, 10, 622.	1.4	8
41	Reactions with Proteins of Three Novel Anticancer Platinum(II) Complexes Bearing N-Heterocyclic Ligands. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10551.	4.1	8
42	Antiproliferative effects of chalcones on T cell acute lymphoblastic leukemia-derived cells: Role of PKC δ . <i>Archiv Der Pharmazie</i> , 2020, 353, 2000062.	4.1	7
43	Cytotoxicity of Alizarine versus Tetrabromocatechol Cyclometalated Pt(II) Theranostic Agents: A Combined Experimental and Computational Investigation. <i>Inorganic Chemistry</i> , 2022, 61, 7188-7200.	4.0	7
44	Diastereoselectivity and catalytic activity in ruthenium complexes chiral at the metal centre. <i>Journal of Organometallic Chemistry</i> , 2014, 771, 2-8.	1.8	6
45	Ruthenium(II) complexes bearing (NNN) ligand: catalytic evaluation of different solvent-mediated coordination modes. <i>Canadian Journal of Chemistry</i> , 2018, 96, 40-43.	1.1	6
46	Vancomycin-Iridium (III) Interaction: An Unexplored Route for Enantioselective Imine Reduction. <i>Molecules</i> , 2019, 24, 2771.	3.8	6
47	Histidine and deuterium labelled histidine by asymmetric catalytic reduction with gaseous H ₂ or D ₂ ; the role of strong non-coordinating acids. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 273-278.	1.8	5
48	Histidine and deuterium-labelled histidine by asymmetric catalytic reduction and assignment of the absolute stereochemistry by neutron diffraction. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1162-1165.	1.8	5
49	Novel platinum agents and mesenchymal stromal cells for thoracic malignancies: state of the art and future perspectives. <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 813-821.	5.0	5
50	Alternative Strategy to Obtain Artificial Imine Reductase by Exploiting Vancomycin/D-Ala-D-Ala Interactions with an Iridium Metal Complex. <i>Inorganic Chemistry</i> , 2021, 60, 2976-2982.	4.0	5
51	New ³ diphosphine-based rhodium catalysts for the asymmetric conjugate addition of aryl boronic acids to 3-azaarylopropenones. <i>New Journal of Chemistry</i> , 2021, 45, 18769-18775.	2.8	5
52	In Vitro Activity of Monofunctional Pt-II Complex Based on 8-Aminoquinoline against Human Glioblastoma. <i>Pharmaceutics</i> , 2021, 13, 2101.	4.5	5
53	Hybrid Catalysts from Copper Biosorbing Bacterial Strains and Their Recycling for Catalytic Application in the Asymmetric Addition Reaction of B ₂ (pin) ₂ on α,β -Unsaturated Chalcones. <i>Catalysts</i> , 2022, 12, 433.	3.5	5
54	Asymmetric Hydrogenation of 1-aryl substituted-3,4-Dihydroisoquinolines with Iridium Catalysts Bearing Different Phosphorus-Based Ligands. <i>Catalysts</i> , 2020, 10, 914.	3.5	4

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55	Biological Properties of New Chiral 2-Methyl-5,6,7,8-tetrahydroquinolin-8-amine-based Compounds. <i>Molecules</i> , 2020, 25, 5561.	3.8	2
56	Synthesis of new dithiolethione and methanethiosulfonate systems endowed with pharmaceutical interest. <i>Arkivoc</i> , 2017, 2017, 235-250.	0.5	2
57	Synthesis and crystallographic structure of nickel(0) carbonyl complex with Bitianp, an atropisomeric diphosphine. <i>European Journal of Chemistry</i> , 2019, 10, 171-174.	0.6	1