

Louis M Rendina

List of Publications by Year in descending order

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3,274
citations

159525

30
h-index

155592

55
g-index

94
all docs

94
docs citations

94
times ranked

3361
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron in Drug Discovery: Carboranes as Unique Pharmacophores in Biologically Active Compounds. <i>Chemical Reviews</i> , 2011, 111, 5701-5722.	23.0	595
2	Oxidative Addition Reactions of Organoplatinum(II) Complexes with Nitrogen-Donor Ligands. <i>Chemical Reviews</i> , 1997, 97, 1735-1754.	23.0	323
3	Alkyl(hydrido)platinum(IV) Complexes: The Mechanism of Pt-C Bond Protonolysis. <i>Organometallics</i> , 1995, 14, 4966-4968.	1.1	129
4	The First CNS-Active Carborane: A Novel P2X ₇ Receptor Antagonist with Antidepressant Activity. <i>ACS Chemical Neuroscience</i> , 2014, 5, 335-339.	1.7	118
5	Platinum(II) Complexes of Dimethyl Sulfide. <i>Inorganic Syntheses</i> , 2007, , 149-153.	0.3	108
6	Cubanes in Medicinal Chemistry. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1078-1095.	2.9	97
7	The translocator protein (TSPO): A novel target for cancer chemotherapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1212-1216.	1.2	82
8	Boronated DNA-Binding Compounds as Potential Agents for Boron Neutron Capture Therapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 303-313.	1.1	70
9	Targeting key dioxygenases in tryptophan→kynurenine metabolism for immunomodulation and cancer chemotherapy. <i>Drug Discovery Today</i> , 2015, 20, 609-617.	3.2	70
10	Dinuclear Platinum Complexes with Hydrogen-Bonding Functionality: A Noncovalent Assembly of Nanoscale Cyclic Arrays. <i>Journal of the American Chemical Society</i> , 2000, 122, 8474-8479.	6.6	65
11	Nonclassical Phenyl Bioisosteres as Effective Replacements in a Series of Novel Open-Source Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11585-11601.	2.9	60
12	Cationic platinum(II) complexes: platinum→alkyl bond cleavage by a powerful Lewis acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 1809-1813.	1.1	55
13	Organoplatinum(II) and -(IV) and organopalladium(II) and -(IV) complexes of a macrocyclic thioether: x-ray crystal structure of Pt(C ₆ H ₅) ₂ (9S3), an example of exodentate 1,4,7-trithiacyclononane (9S3). <i>Inorganic Chemistry</i> , 1993, 32, 1951-1958.	1.9	53
14	Syntheses and reductions of C-dimesitylboryl-1,2-dicarba-closo-dodecaboranes. <i>Dalton Transactions</i> , 2015, 44, 9766-9781.	1.6	53
15	A strategy for synthesis of large gold rings. <i>Chemical Communications</i> , 1996, , 1281.	2.2	49
16	Synthesis and DNA-Binding Properties of Cationic 2,2′:6′,2′-Terpyridineplatinum(II) Complexes Containing 1,2- and 1,7-Dicarba-closo-dodecaborane(12). <i>Inorganic Chemistry</i> , 2002, 41, 3331-3333.	1.9	48
17	The Fifth Element in Drug Design: Boron in Medicinal Chemistry. <i>Australian Journal of Chemistry</i> , 2013, 66, 1118.	0.5	48
18	Carboranes in drug discovery, chemical biology and molecular imaging. <i>Nature Reviews Chemistry</i> , 2022, 6, 486-504.	13.8	48

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19	Cationic Carbene Complexes of Platinum(IV): Structure of a Secondary Carbene Complex. <i>Organometallics</i> , 1995, 14, 1030-1038.	1.1	46
20	(2,2- λ^6 ,2- λ^6 -Terpyridine)platinum(II) Complexes Containing (Thioalkyl)dicarba-closo-dodecaborane(12) Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 6401-6408.	1.9	46
21	Selective Aggregation of a Platinum-Gadolinium Complex Within a Tumor Cell Nucleus. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1231-1233.	7.2	44
22	Dinuclear complexes of platinum with the 4,4'-dipyrazolymethane ligand. Synthesis, characterization, and x-ray crystal structure of γ -bis(4,4'-dipyrazolymethane-N,N')bis[dichloroplatinum(II)]-N,N-dimethylformamide (1/2) and related complexes. <i>Inorganic Chemistry</i> , 1992, 31, 1880-1889.	1.9	42
23	cis-Hydroxyplatination of Dimethyl Maleate: Modeling the Intermediates in a Catalytic Alkene-Hydration Cycle with Organoplatinum(II)-Hydroxo Complexes. <i>Journal of the American Chemical Society</i> , 1995, 117, 8335-8340.	6.6	41
24	Synthesis of Metallacycles by Oxidative Addition of Sn ^S , Sn ^{Se} , Sn ^{Te} , and Ge ^{Te} Containing Precursors to Platinum(II). <i>Inorganic Chemistry</i> , 1999, 38, 2123-2130.	1.9	41
25	Dicarba-closo-dodecaborane(12) derivatives of phosphonium salts: easy formation of nido-carborane phosphonium zwitterions. <i>Dalton Transactions</i> , 2007, , 1982.	1.6	40
26	Gadolinium theranostics for the diagnosis and treatment of cancer. <i>Chemical Society Reviews</i> , 2021, 50, 4231-4244.	18.7	39
27	Dinuclear complexes of platinum having anticancer properties. DNA-binding studies and biological activity of Bis(4,4'-dipyrazolymethane-N,N λ^2)-bis[dichloroplatinum(II)] and related complexes. <i>Journal of Inorganic Biochemistry</i> , 1993, 49, 221-234.	1.5	34
28	Synthesis and anti-cancer activity of dinuclear platinum(ii) complexes containing bis(thioalkyl)dicarba-closo-dodecaborane(12) ligands. <i>Dalton Transactions</i> , 2005, , 2827.	1.6	32
29	A highly water-soluble platinum(ii) complex containing a thiopropyl-1,2-dicarba-closo-dodecaborane(12) ligand functionalised with a pendant glycerol group. <i>Dalton Transactions</i> , 2005, , 2825.	1.6	31
30	Synthesis and cellular uptake of boron-rich pyrazolopyrimidines: exploitation of the translocator protein for the efficient delivery of boron into human glioma cells. <i>Chemical Communications</i> , 2011, 47, 12179.	2.2	31
31	Fused pyrazino[2,3-b]indolizine and indolizino[2,3-b]quinoxaline derivatives; synthesis, structures, and properties. <i>Tetrahedron</i> , 2011, 67, 9368-9375.	1.0	31
32	High mitochondrial accumulation of new gadolinium(λ^3) agents within tumour cells. <i>Chemical Communications</i> , 2014, 50, 2252-2254.	2.2	31
33	Synthesis and DNA-binding properties of dinuclear platinum(ii)-amine complexes of 1,7-dicarba-closo-dodecaborane(12) Electronic supplementary information (ESI) available: experimental section. See http://www.rsc.org/suppdata/cc/b1/b108081d/ . <i>Chemical Communications</i> , 2001, , 2464-2465.	2.2	30
34	A Carborane-Containing Fluorophore as a Stain of Cellular Lipid Droplets. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1704-1708.	1.7	29
35	Multinuclear platinum(ii)-amine complexes containing bis(aminopropyl)dicarba-closo-dodecaborane(12) ligands. <i>Dalton Transactions</i> , 2004, , 3669-3677.	1.6	28
36	Synthesis of Usnic Acid Derivatives and Evaluation of Their Antiproliferative Activity against Cancer Cells. <i>Journal of Natural Products</i> , 2019, 82, 1768-1778.	1.5	27

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37	Luminescent Platinum-Tin-Bonded Metallacycles: First Oxidative Addition of Sn-S Bonds. <i>Organometallics</i> , 1996, 15, 1749-1751.	1.1	26
38	A New Methodology for the Preparation of Cationic Organoplatinum(II) Complexes with Hydrogen-Bonding Functionality. <i>Organometallics</i> , 2001, 20, 3373-3382.	1.1	23
39	Carborane functionalization of the aromatic network in chemically-synthesized graphene. <i>Chemical Communications</i> , 2014, 50, 11332.	2.2	23
40	Cationic <i>trans</i> -Phenylplatinum(II) Complexes with Carboxylic Acid Functionality: pKa Determinations and X-ray Structures. <i>Inorganic Chemistry</i> , 2003, 42, 1057-1063.	1.9	22
41	Synthesis and Biological Evaluation of a Class of Mitochondrially-Targeted Gadolinium(III) Agents. <i>Chemistry - A European Journal</i> , 2014, 20, 16602-16612.	1.7	22
42	Boronated phosphonium salts containing arylboronic acid, closo-carborane, or nido-carborane: synthesis, X-ray diffraction, in vitro cytotoxicity, and cellular uptake. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 1305-1318.	1.1	21
43	Dimethylpalladium(II) and Monomethylpalladium(II) Reagents and Complexes. <i>Inorganic Syntheses</i> , 2007, , 162-172.	0.3	20
44	Synthesis and Supramolecular Studies of Chiral Boronated Platinum(II) Complexes: Insights into the Molecular Recognition of Carboranes by β -Cyclodextrin. <i>Chemistry - A European Journal</i> , 2012, 18, 14413-14425.	1.7	20
45	The first indoleamine-2,3-dioxygenase-1 (IDO1) inhibitors containing carborane. <i>Dalton Transactions</i> , 2014, 43, 10719-10724.	1.6	20
46	Stable Organoplatinum(IV) Complexes with Pendant Free Radicals. <i>Organometallics</i> , 1995, 14, 2188-2193.	1.1	17
47	Ring Expansion and Contraction in Reactions of an Alkyne with Stannylplatinum(IV) Metallacycles: Formation of an Alkyl(alkenyl)(alkynyl)platinum(IV) Complex. <i>Organometallics</i> , 2002, 21, 1257-1261.	1.1	17
48	Synthesis of diimineplatinum(II) complexes containing the 1,2-dicarba-closo-dodecaborane(12)-1-thiolato ligand. <i>Inorganica Chimica Acta</i> , 2003, 352, 208-212.	1.2	17
49	Synthesis, carbohydrate- and DNA-binding studies of cationic 2,2':6''-terpyridineplatinum(ii) complexes containing N- and S-donor boronic acid ligands. <i>Dalton Transactions</i> , 2011, 40, 506-513.	1.6	15
50	A ternary supramolecular system containing a boronated DNA-metallointercalator, β -cyclodextrin and the hexanucleotide d(GTCCAC) ₂ . <i>Chemical Communications</i> , 2012, 48, 880-882.	2.2	15
51	Synthesis and X-ray crystallographic analysis of chiral pyridyl substituted carbocyclic molecular clefts. <i>Tetrahedron</i> , 2006, 62, 4870-4878.	1.0	14
52	Water-soluble phosphonium salts containing 1,12-dicarba-closo-dodecaborane(12). <i>Tetrahedron Letters</i> , 2009, 50, 6457-6461.	0.7	13
53	Supramolecular β -Cyclodextrin Adducts of Boron-Rich DNA Metallointercalators Containing Dicarba-closo-dodecaborane(12). <i>Inorganic Chemistry</i> , 2013, 52, 10356-10367.	1.9	13
54	Dinuclear organoplatinum(II)-methyl(diphenyl)phosphine complexes of nicotinic acid. <i>Journal of Organometallic Chemistry</i> , 2000, 607, 222-226.	0.8	12

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55	First Demonstration of Positive Allosteric-like Modulation at the Human Wild Type Translocator Protein (TSPO). <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8743-8749.	2.9	12
56	The first examples of platinum(II)-amine complexes containing 1,2-dicarba-closo-dodecaborane(12). <i>Inorganic Chemistry Communication</i> , 2004, 7, 289-291.	1.8	11
57	7-Azabicyclo[2.2.1]heptane as a scaffold for the development of selective sigma-2 (σ_2) receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4059-4063.	1.0	11
58	Easy ring expansion and contraction in Pt-Sn bonded metallacycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1713-1716.	1.1	10
59	Platinum(II) and palladium(II) metallomacrocycles derived from cationic 4,4'-bipyridinium, 3-aminopyrazinium and 2-aminopyrimidinium ligands. <i>Dalton Transactions</i> , 2010, 39, 239-247.	1.6	10
60	Uptake and Distribution of a Platinum(II)-Carborane Complex Within a Tumour Cell Using Synchrotron XRF Imaging. <i>Australian Journal of Chemistry</i> , 2011, 64, 253.	0.5	10
61	Synchrotron X-ray fluorescence studies of a bromine-labelled cyclic RGD peptide interacting with individual tumor cells. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 226-233.	1.0	10
62	Platinum. , 2003, , 673-745.		9
63	Synthesis and preliminary DNA-binding studies of diimineplatinum(ii) complexes containing 3- or 4-pyridineboronic acid. <i>Dalton Transactions</i> , 2007, , 2121.	1.6	9
64	Mono- and Di-nuclear Gold(I) Complexes Containing 1,12-Dicarba-closo-dodecaborane(12). <i>Australian Journal of Chemistry</i> , 2007, 60, 816.	0.5	9
65	Tumor cell uptake and selectivity of gadolinium(III)-phosphonium complexes: The role of delocalisation at the phosphonium centre. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 313-321.	1.5	9
66	ESI-MS and thermal melting studies of nanoscale platinum(ii) metallomacrocycles with DNA. <i>Dalton Transactions</i> , 2010, 39, 11263.	1.6	8
67	Synthesis and DNA-Binding Studies of a Dinuclear Gadolinium(III)-Platinum(II) Complex. <i>Australian Journal of Chemistry</i> , 2015, 68, 576.	0.5	8
68	Histone Deacetylase 2 (HDAC2) Inhibitors Containing Boron. <i>ChemBioChem</i> , 2020, 21, 2786-2791.	1.3	8
69	Remarkable cage deboronation and rearrangement of a closo-1,12-dicarbododecaborane to form a neutral nido-7,9-dicarbundecaborane. <i>Chemical Communications</i> , 2013, 49, 3312.	2.2	7
70	The role of polycyclic frameworks in modulating P2X7 receptor function. <i>Tetrahedron</i> , 2018, 74, 1207-1219.	1.0	7
71	Synthesis and redistribution reactions of asymmetric β -arylplatinum(II) complexes containing 4,7-phenanthroline. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1288-1294.	0.8	6
72	Boron and Gadolinium Neutron Capture Therapy. , 2013, , 877-900.		6

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73	Synthesis and stability studies of Ga ⁶⁷ labeled phosphonium salts. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 4-11.	0.5	6
74	Flexible Analogues of Azaindole DYRK1A Inhibitors Elicit Cytotoxicity in Glioblastoma Cells. <i>Australian Journal of Chemistry</i> , 2018, 71, 789.	0.5	6
75	Co-existing pseudo-planar and saddle conformers of tetramethyl tetraaza[14]annulene platinum complexes: X-ray crystallographic studies on [PtII(tmtaa)] and trans-[PtIVCl2(tmtaa)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4143-4146.	1.1	5
76	Mono- and di-nuclear platinum(II) complexes containing O- and N-bonded acetamide. <i>Inorganic Chemistry Communication</i> , 2006, 9, 53-56.	1.8	5
77	Can Lithium Salts Herald a New Era for Neutron Capture Therapy?. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8224-8227.	2.9	5
78	Remarkable Enhancement in Boron Uptake Within Glioblastoma Cells With Carboranyl-Indole Carboxamides. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3321-3327.	1.7	5
79	Carborane-Containing Hydroxyamidine Scaffolds as Novel Inhibitors of Indoleamine 2,3-Dioxygenase 1 (IDO1). <i>Australian Journal of Chemistry</i> , 2015, 68, 1866.	0.5	4
80	Synthesis and tumour cell uptake studies of gadolinium(III)-phosphonium complexes. <i>Scientific Reports</i> , 2021, 11, 598.	1.6	4
81	Dinuclear organoplatinum(II) complexes containing <i>N</i> -methylbenzamide. <i>Canadian Journal of Chemistry</i> , 2009, 87, 212-216.	0.6	3
82	Site-specific synthesis of a hybrid boron-graphene salt. <i>Chemical Communications</i> , 2016, 52, 1290-1292.	2.2	3
83	A systematic exploration of the effects of flexibility and basicity on sigma (Îf) receptor binding in a series of substituted diamines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9388-9405.	1.5	2
84	Molecular recognition of an adenine derivative by organoplatinum(II) complexes with hydrogen-bonding functionality. <i>Journal of Organometallic Chemistry</i> , 2019, 883, 86-89.	0.8	2
85	Selective delivery of remarkably high levels of gadolinium to tumour cells using an arsonium salt. <i>Chemical Communications</i> , 2021, 57, 8806-8809.	2.2	2
86	[1,2-Bis(diphenylphosphino)-1,2-dicarba-closo-dodecaborane-Î² ² -P ₂][7,8-bis(diphenylphosphino)-7(2/1/1)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m603-m604.	0.2	2
87	Element 5 - Boron. <i>Australian Journal of Chemistry</i> , 2019, 72, 652.	0.5	1
88	New boron-based coumarin fluorophores for bioimaging applications - . <i>Australian Journal of Chemistry</i> , 2022, , .	0.5	1
89	Efficient radiosynthesis of a [18F]-phosphonium salt containing closo-carborane. <i>Tetrahedron Letters</i> , 2017, 58, 4367-4371.	0.7	0