

Thomas Lecourt

List of Publications by Year in descending order

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41
papers

1,226
citations

361413

20
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377865

34
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55
docs citations

55
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Triisobutylaluminium and Diisobutylaluminium Hydride as Molecular Scalpels: The Regioselective Stripping of Perbenzylated Sugars and Cyclodextrins. <i>Chemistry - A European Journal</i> , 2004, 10, 2960-2971.	3.3	165
2	Direct Synthesis of 1,4-Disubstituted 1,2,3-Triazoles: Copper-Catalyzed Cycloaddition of Organic Azides and Mixed Aluminum Acetylides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2607-2610.	13.8	132
3	Direct Synthesis of Polysubstituted Aluminoisoxazoles and Pyrazoles by a Metalative Cyclization. <i>Organic Letters</i> , 2011, 13, 5664-5667.	4.6	73
4	On the Use of Phosphoramidite Ligands in Copper-Catalyzed Asymmetric Transformations with Trialkylaluminum Reagents. <i>Organic Letters</i> , 2006, 8, 3581-3584.	4.6	68
5	Ligand-Induced Control of C-H versus Aliphatic C-C Migration Reactions of Rh Carbenoids. <i>Journal of the American Chemical Society</i> , 2006, 128, 2524-2525.	13.7	50
6	Tether influence on the binding properties of tRNA ^{Lys3} ligands designed by a fragment-based approach. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1154.	2.8	47
7	Rh(II) Carbene-Promoted Activation of the Anomeric C-H Bond of Carbohydrates: A Stereospecific Entry toward α - and β -Ketopyranosides. <i>Journal of the American Chemical Society</i> , 2010, 132, 15477-15479.	13.7	38
8	Fluorinated Diaminocyclopentanes as Chiral Sensitive NMR Probes of RNA Structure. <i>Journal of the American Chemical Society</i> , 2010, 132, 13111-13113.	13.7	38
9	NMR-Guided Fragment-Based Approach for the Design of tRNA ^{Lys3} Ligands. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4489-4491.	13.8	37
10	Investigation of RNA-Ligand Interactions by ¹⁹ F-NMR Spectroscopy Using Fluorinated Probes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9530-9534.	13.8	37
11	Efficient Synthesis of Doubly Connected Primary Face-to-Face Cyclodextrin Homo-Dimers. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4553-4560.	2.4	31
12	Symmetrical doubly connected head-to-head α -cyclodextrin dimers: a high yield synthesis of a novel type of neoglycolipid. <i>Tetrahedron Letters</i> , 2002, 43, 5533-5536.	1.4	30
13	NMR-Guided Fragment-Based Approach for the Design of AAC(6)-b Ligands. <i>ChemBioChem</i> , 2008, 9, 1368-1371.	2.6	28
14	Focus on the Controversial Activation of Human iNKT Cells by 4-Deoxy Analogue of KRN7000. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4960-4963.	6.4	27
15	Room Temperature Lewis Base-Catalyzed Almination of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2595-2598.	4.3	25
16	Complexation between a Hydrophobically Modified Chitosan and Cyclodextrin Homodimers Singly or Doubly Connected through Their Primary Sides: Effects of Their Molecular Architecture on the Polymer Properties in Solution. <i>Macromolecules</i> , 2004, 37, 4635-4642.	4.8	23
17	An efficient preparation of 6I,IV dihydroxy permethylated β -cyclodextrin. <i>Carbohydrate Research</i> , 2003, 338, 2417-2419.	2.3	21
18	The First Chemical Synthesis of a Cyclodextrin Heteroduplex. <i>Chemistry and Biodiversity</i> , 2004, 1, 129-137.	2.1	21

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19	Design of tRNA ^{Lys} ₃ Ligands: Fragment Evolution and Linker Selection Guided by NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2009, 15, 7109-7116.	3.3	20
20	Cyclodextrin tetraplexes: first syntheses and potential as cross-linking agent. <i>Chemical Communications</i> , 2010, 46, 2238.	4.1	20
21	Carbene-Mediated Functionalization of the Anomeric C-H Bond of Carbohydrates: Scope and Limitations. <i>Chemistry - A European Journal</i> , 2013, 19, 6052-6066.	3.3	20
22	Straightforward Entry toward Highly Substituted 2,3-Dihydrobenz[<i>b</i>]oxepines by Ring Expansion of Benzopyryliums with Donor-Acceptor Diazo Compounds. <i>Organic Letters</i> , 2018, 20, 2757-2761.	4.6	20
23	Efficient access to azadisaccharide analogues. <i>Tetrahedron Letters</i> , 2001, 42, 4475-4478.	1.4	19
24	Desymmetrization of <i>meso</i> -Bicyclic Hydrazines by Rhodium-Catalyzed Enantioselective Hydroformylation. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2298-2302.	2.4	17
25	Stereoselective Synthesis of Fluorinated 1,3- <i>cis</i> -Diaminocyclopentanes. <i>Journal of Organic Chemistry</i> , 2011, 76, 5137-5142.	3.2	16
26	Rhodium(II) carbene-mediated modification of 2-deoxystreptamine surrogates. <i>Tetrahedron Letters</i> , 2011, 52, 3201-3203.	1.4	15
27	Regio- and Chemoselective Deprotection of Primary Acetates by Zirconium Hydrides. <i>Organic Letters</i> , 2019, 21, 1948-1952.	4.6	15
28	Functionalization of the Anomeric C-H Bond of Carbohydrates: Old Strategies and New Opportunities. <i>Synlett</i> , 2013, 24, 2477-2491.	1.8	14
29	Trimethylaluminum-assisted alkylation of nitrones. <i>Tetrahedron Letters</i> , 2007, 48, 1457-1459.	1.4	12
30	Electronic Effects in Carbene-Mediated C-H Bond Functionalization: An Experimental and Theoretical Study. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2493-2505.	4.3	12
31	Stereoselective Transformations of <i>meso</i> -Bicyclic Hydrazines: Versatile Access to Functionalized Aminocyclopentanes. <i>Synthesis</i> , 2009, 2009, 869-887.	2.3	10
32	Desymmetrization of Hydrazinocyclohexadienes: A New Approach for the Synthesis of Polyhydroxylated Aminocyclohexanes. <i>Organic Letters</i> , 2009, 11, 2912-2915.	4.6	9
33	Substitution of the Participating Group of Glycosyl Donors by a Halogen Atom: Influence on the Rearrangement of Transient Orthoesters Formed during Glycosylation Reactions. <i>Journal of Organic Chemistry</i> , 2017, 82, 3291-3297.	3.2	8
34	Carbene-Mediated Quaternarization of the Anomeric Position of Carbohydrates: Synthesis of Allylic Ketopyranosides, Access to the Missing α -Gluco and β -Manno Stereoisomers, and Preparation of Quaternary 2-Deoxy 2-Acetamido Sugars. <i>Journal of Organic Chemistry</i> , 2017, 82, 9030-9037.	3.2	8
35	α , β -Oligomethylene capping of α - and β -cyclodextrins. <i>Comptes Rendus Chimie</i> , 2003, 6, 87-90.	0.5	7
36	Rh(II) Carbene-Mediated Synthesis of Methyl α - and β -Ketopyranosides: Preparation of Carbene Precursors, Quaternarization of the Anomeric Position, and Ring Opening of β -Lactones. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 587-604.	1.1	7

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37	Modular Access to N-Substituted cis-3,5-Diaminopiperidines. <i>Journal of Organic Chemistry</i> , 2013, 78, 12236-12242.	3.2	7
38	Gram-Scale Quaternarization of the Anomeric Position of Carbohydrates: Dramatic Effects of Molecular Sieves on Rhodium(II)-Mediated Decomposition of Diazo Sugars. <i>Synthesis</i> , 2012, 44, 3731-3734.	2.3	6
39	Functionalization of GlucoPyranosides at position 5 by 1,5-H insertion of Rh(II)-Carbenes: Dramatic influence of the anomeric configuration. <i>Carbohydrate Research</i> , 2019, 486, 107834.	2.3	6
40	Zirconium-Catalyzed Hydroalumination of C=O Bonds: Site-Selective De-O-acetylation of Peracetylated Compounds and Mechanistic Insights. <i>Journal of Organic Chemistry</i> , 2021, 86, 9280-9288.	3.2	6
41	Diastereoselective Ring Homologation of Bicyclic Hydrazines: Access to cis-1,3-Diaminocyclohexitols. <i>ACS Omega</i> , 2018, 3, 15302-15307.	3.5	3