

Didier Dubreuil

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rational modification, synthesis and biological evaluation of N-substituted phthalazinone derivatives designed to target interleukine-15 protein. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 39, 116161.	3.0	4
2	An efficient and simple strategy toward the synthesis of highly functionalized compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 978-995.	1.6	2
3	Lipidic synthetic alkaloids as SK3 channel modulators. Synthesis and biological evaluation of 2-substituted tetrahydropyridine derivatives with potential anti-metastatic activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111854.	5.5	9
4	Second Coordination Sphere Effects in an Evolved Ru Complex Based on Highly Adaptable Ligand Results in Rapid Water Oxidation Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 5068-5077.	13.7	69
5	3,4-Dideoxy-3,3,4,4-tetrafluoro- and 4-OH epimeric 3-deoxy-3,3-difluoro- β -GalCer analogues: Synthesis and biological evaluation on human iNKT cells stimulation. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 195-213.	5.5	11
6	Synthesis and biological evaluation of 3-amino-, 3-alkoxy- and 3-aryloxy-6-(hetero)arylpyridazines as potent antitumor agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 755-760.	2.2	3
7	Addition of Organozinc Reagents to Glycopyranosyl Cyanides: Access to Keto Ester- α -glycosides or Unsaturated Acyl- α -glycosides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1735-1738.	2.4	10
8	The Role of Seven-Coordination in Ru-Catalyzed Water Oxidation. <i>ACS Catalysis</i> , 2018, 8, 2039-2048.	11.2	41
9	The selectivity of Marinopyrrole A to induce apoptosis in β -microglobulin ^{high} expressing myeloma cells is related to its ability to impair protein translation. <i>British Journal of Haematology</i> , 2018, 180, 157-159.	2.5	6
10	Metal-Coordination-Assisted Folding and Guest Binding in Helical Aromatic Oligoamide Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6823-6827.	13.8	30
11	Metal-Coordination-Assisted Folding and Guest Binding in Helical Aromatic Oligoamide Molecular Capsules. <i>Angewandte Chemie</i> , 2017, 129, 6927-6931.	2.0	11
12	Discovery of a Small-Molecule Inhibitor of Interleukin 15: Pharmacophore-Based Virtual Screening and Hit Optimization. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6249-6272.	6.4	18
13	Synthesis of Ribonucleosidic Dimers with an Amide Linkage from β -Xylose. <i>Journal of Organic Chemistry</i> , 2016, 81, 10742-10758.	3.2	11
14	Reaction of Glyconitriles with Organometallic Reagents: Access to Acyl β -Glycosides. <i>Journal of Organic Chemistry</i> , 2016, 81, 2364-2371.	3.2	28
15	Iterative design of a helically folded aromatic oligoamide sequence for the selective encapsulation of fructose. <i>Nature Chemistry</i> , 2015, 7, 334-341.	13.6	208
16	Tuning the Guest-Binding Ability of a Helically Folded Capsule by In Situ Modification of the Aromatic Oligoamide Backbone. <i>Chemistry - A European Journal</i> , 2014, 20, 1547-1553.	3.3	31
17	1,10-Phenanthroline and Non-Symmetrical 1,3,5-Triazine Dipicolinamide-Based Ligands For Group Actinide Extraction. <i>Chemistry - A European Journal</i> , 2014, 20, 7819-7829.	3.3	22
18	1-Oxo-1H-phenalene-2,3-dicarbonitrile Heteroaromatic Scaffold: Revised Structure and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2014, 79, 9754-9761.	3.2	16

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19	An Electrochemical Nickel-Catalyzed Arylation of 3-Amino-6-Chloropyridazines. <i>Journal of Organic Chemistry</i> , 2013, 78, 370-379.	3.2	46
20	Pd-Catalyzed Chemoselective Cross-Coupling Reaction of Triaryl- or Triheteroaryl-bismuth Compounds with 3,6-Dihalopyridazines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 117-124.	2.4	12
21	Stereoselective Synthesis of a Bicyclic Norsesquiterpene Backbone – A Possible Route to Nardosinane Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7083-7094.	2.4	3
22	Structure Elucidation of Host-Guest Complexes of Tartaric and Malic Acids by Quasi-Racemic Crystallography. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11517-11520.	13.8	34
23	3-Fluoro- and 3,3-Difluoro-3,4-dideoxy-KRN7000 Analogues as New Potent Immunostimulator Agents: Total Synthesis and Biological Evaluation in Human Invariant Natural Killer T Cells and Mice. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1227-1241.	6.4	21
24	Long-Range Effects on the Capture and Release of a Chiral Guest by a Helical Molecular Capsule. <i>Journal of the American Chemical Society</i> , 2012, 134, 11282-11288.	13.7	47
25	Identification of a Foldaxane Kinetic Byproduct during Guest-Induced Single to Double Helix Conversion. <i>Journal of the American Chemical Society</i> , 2012, 134, 15656-15659.	13.7	77
26	A Convergent Hetero-Diels-Alder Strategy for Asymmetric Access to a Lactone Containing Two Lipidic Chains. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3727-3731.	2.4	8
27	Advanced preparation of functionalized triaryl-bismuths and triheteroaryl-bismuths: new scope and alternatives. <i>Tetrahedron Letters</i> , 2012, 53, 1894-1896.	1.4	23
28	Asymmetric Synthesis of Cyclohexene Nucleoside Analogues. <i>Journal of Organic Chemistry</i> , 2011, 76, 8059-8063.	3.2	16
29	New Bitopic Ligands for the Group Actinide Separation by Solvent Extraction. <i>Solvent Extraction and Ion Exchange</i> , 2011, 29, 292-315.	2.0	39
30	Complexation of Lanthanides(III), Americium(III), and Uranium(VI) with Bitopic N,O Ligands: an Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2011, 50, 6557-6566.	4.0	52
31	Synthesis and Biological Evaluation of 4-C ₂ ,3-O-Propylene-Linked Bicyclic Nucleosides. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7390-7399.	2.4	7
32	Electrochemical Synthesis and Characterisation of Alternating Tripyridyl-Dipyrrole Molecular Strands with Multiple Nitrogen-Based Donor-Acceptor Binding Sites. <i>Chemistry - A European Journal</i> , 2010, 16, 11876-11889.	3.3	12
33	Some mechanistic aspects of a nickel-catalyzed electrochemical cross-coupling between aryl halides and substituted chloropyridazines. <i>Electrochimica Acta</i> , 2010, 55, 4495-4500.	5.2	23
34	Diastereoselective Encapsulation of Tartaric Acid by a Helical Aromatic Oligoamide. <i>Journal of the American Chemical Society</i> , 2010, 132, 7858-7859.	13.7	120
35	Theoretical Study of the Structures and Hydrogen-Bond Properties of New Alternated Heterocyclic Compounds. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6413-6422.	2.5	12
36	Synthesis of Carbon E,E-Diene Chain-Linked Dinucleotide Analogues. <i>Synlett</i> , 2009, 2009, 3341-3345.	1.8	0

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37	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
38	Functionalized 2,5-Dipyridinylpyrroles by Electrochemical Reduction of 3,6-Dipyridinylpyridazine Precursors. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2156-2166.	2.4	30
39	A stereo- and regio-controlled synthesis of bromothiophenyl C-nucleosides. Tandem bromination-ribosylation via halogen dance process. <i>Tetrahedron Letters</i> , 2008, 49, 6171-6174.	1.4	19
40	Synthesis of Novel Polyhydroxylated Tetrahydropyranopyrroles. <i>Synlett</i> , 2007, 2007, 0403-0406.	1.8	1
41	Preparation of Functionalized Aryl- and Heteroarylpyridazines by Nickel-Catalyzed Electrochemical Cross-Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2007, 72, 5631-5636.	3.2	34
42	Synthesis of Polyhydroxylated Pyrano-Pyrrole Derivatives from Carbohydrate Precursors. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3296-3310.	2.4	30
43	Unusual anomeric rearrangement of para-nitrobenzoylxanthate d-glycosides: a new direct stereoselective access to \pm -thioglycosides from pyranose sugars. <i>Tetrahedron</i> , 2006, 62, 4784-4794.	1.9	8
44	Simultaneous determination of metronidazole and spiramycin I in human plasma, saliva and gingival crevicular fluid by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 298-306.	2.8	55
45	Synthesis of mono- and polyhydroxylated cyclobutane nucleoside analogs. <i>Tetrahedron</i> , 2005, 61, 7607-7612.	1.9	12
46	Ring Contraction Methodology for the Synthesis of Pyrroles. <i>ChemInform</i> , 2005, 36, no.	0.0	0
47	Ring Contraction Methodology for the Synthesis of Pyrroles. <i>Current Organic Chemistry</i> , 2005, 9, 261-288.	1.6	45
48	A possible improvement for structure-based drug design illustrated by the discovery of a Tat HIV-1 inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1543-1546.	2.2	15
49	Concomitant Ring Contraction Cyclization Strategy for the Synthesis of Novel 4-Oxo-4,5-dihydro-pyrroloquinolines. <i>ChemInform</i> , 2004, 35, no.	0.0	0
50	Novel pyrrole C-nucleosides by nitrogen extrusion from pyridazine C-nucleosides. <i>Tetrahedron Letters</i> , 2004, 45, 1031-1033.	1.4	28
51	Concomitant ring contraction cyclization strategy for the synthesis of novel 4-oxo-4,5-dihydro-pyrroloquinolines. <i>Tetrahedron Letters</i> , 2004, 45, 5913-5916.	1.4	11
52	A benzyloxy group migration under Mitsunobu reaction conditions. <i>Tetrahedron Letters</i> , 2004, 45, 6461-6463.	1.4	6
53	New Approach to Oligonucleotide Microarrays Using Zirconium Phosphonate-Modified Surfaces. <i>Journal of the American Chemical Society</i> , 2004, 126, 1497-1502.	13.7	124
54	O-Dichlorovinyl Osides: A New Anomeric Protecting Group. <i>Synthesis</i> , 2003, 2003, 2831-2834.	2.3	0

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55	Characterization in the laboratory of VISIR, the mid-infrared imager and spectrometer for the VLT. , 2003, , .		4
56	Optical design for the 5-28 $\frac{1}{4}$ m NGST infrared imager MIRI. , 2003, , .		3
57	Rearrangement of 1-O-(thio-p-nitrobenzoyl)thiocarbonyl galactoside: a novel access to $\hat{1}\pm$ -thioglycoside derivatives. Tetrahedron Letters, 2002, 43, 237-239.	1.4	7
58	Reactivity of 1, $\hat{1}\epsilon^2$ -thiocarbonyldiimidazole with glycosides: a novel and efficient glycosidic activation. Tetrahedron Letters, 2002, 43, 241-244.	1.4	9
59	A novel synthesis of $\hat{1}\pm$ -d-Galp-($\hat{1}\hat{1}'3$)- $\hat{1}^2$ -d-Galp-1-O-(CH ₂) ₃ -NH ₂ , its linkage to activated matrices and absorption of anti- $\hat{1}\pm$ Gal xenoantibodies by affinity columns. Carbohydrate Research, 2000, 325, 265-277.	2.3	20
60	Synthesis of 3 $\hat{\epsilon}^2$ -O ₂ -(Azaheterocycle)-Thymidines. Nucleosides, Nucleotides and Nucleic Acids, 2000, 19, 735-748.	1.1	5
61	Stereoselective synthesis of inositol mono, bis and trisphosphate analogues from 6-deoxy- d -inositol precursors. Tetrahedron, 1999, 55, 7251-7270.	1.9	13
62	Stereoselective synthesis of myo-inositol-1,3,4,5-tetrakisphosphate analogues from 6-deoxy d-inositol precursors. Tetrahedron, 1999, 55, 7573-7582.	1.9	11
63	Synthesis of deoxy phosphatidylinositol analogues and phosphonate isosters of Ins(1,4,5)P ₃ . Tetrahedron, 1999, 55, 12997-13010.	1.9	4
64	N-Thio- and N-selenophenacylamidines: electrophilic activation as a route to some 1-hetero-3-aza-4-dimethylaminobuta-1,3-dienes. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2821-2828.	0.9	7
65	Synthesis and reactivity of N-selenoacylamidines precursors of selenoheterocycles. Tetrahedron, 1998, 54, 2545-2562.	1.9	36
66	Easy Synthesis of Substituted 1,3-Dithiole-2-ylidene Selenophenes from Selenoheterodienes.. Synthetic Communications, 1998, 28, 301-310.	2.1	9
67	Antireflection-structured surfaces for mid-infrared entrance windows. , 1998, 3354, 269.		0
68	CAMIRAS 192x128: instrumental upgrades and latest results. , 1998, , .		0
69	Stereoselective synthesis of 6-deoxy and 3,6-dideoxy-D-myo-inositol precursors of deoxy-myo-inositol phosphate analogues from D-galactose. Tetrahedron, 1997, 53, 16747-16766.	1.9	27
70	Synthesis of D-2-deoxy-myo-inositol 1,3,4,5-tetrakisphosphate from D-glucose. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1365.	0.9	12
71	Enantioselective synthesis of inositols as intermediates for the preparation of deoxy-inositol phosphates from D-galactose. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 831-834.	2.2	15
72	Easy access to substituted selenazine and selenopyran derivatives by a cycloaddition-cyclorersion process. Tetrahedron Letters, 1995, 36, 237-240.	1.4	39

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73	Solvent-free benzylation of polyols by phase-transfer catalysis or supported reagent methods. Carbohydrate Research, 1994, 252, 149-157.	2.3	12
74	Total synthesis of myo-inositol-1-phosphate-4,5-pyrophosphate, a novel second messenger analogue, via myo-inositol-1-phosphate-4,5-bisphosphorothioate. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 471-476.	2.2	21
75	Expedient syntheses of inososes from carbohydrates: conformational and stereoelectronic aspects of the Ferrier reaction. Carbohydrate Research, 1992, 233, C5-C8.	2.3	18