

Muriel Pipelier

List of Publications by Year in descending order

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304743

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66
all docs

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docs citations

66
times ranked

1755
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Hybrid Materials for Catalysis? Design of New Phosphonate-Based Supported Catalysts for the Hydrogenation of Ketones under Hydrogen Pressure. <i>Chemistry of Materials</i> , 2001, 13, 2879-2884.	6.7	102
4	Metal Phosphonates Applied to Biotechnologies: A Novel Approach to Oligonucleotide Microarrays. <i>Chemistry - A European Journal</i> , 2005, 11, 1980-1988.	3.3	93
5	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
6	Lateral Protonation of a Glycosidase Inhibitor. Structure of the <i>Bacillus agaradhaerens</i> Cel5A in Complex with a Cellobiose-Derived Imidazole at 0.97 Å... Resolution. <i>Journal of the American Chemical Society</i> , 1999, 121, 2621-2622.	13.7	55
7	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
8	An Electrochemical Nickel-Catalyzed Arylation of 3-Amino-6-Chloropyridazines. <i>Journal of Organic Chemistry</i> , 2013, 78, 370-379.	3.2	46
9	Ring Contraction Methodology for the Synthesis of Pyrroles. <i>Current Organic Chemistry</i> , 2005, 9, 261-288.	1.6	45
10	The Role of Seven-Coordination in Ru-Catalyzed Water Oxidation. <i>ACS Catalysis</i> , 2018, 8, 2039-2048.	11.2	41
11	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
12	Inhibition of Cellobiohydrolases from <i>Trichoderma reesei</i> . Synthesis and Evaluation of Some Glucose-, Cellobiose-, and Cellotriose-Derived Hydroximolactams and Imidazoles. <i>Helvetica Chimica Acta</i> , 1999, 82, 963-980.	1.6	38
13	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
14	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
15	Synthesis of Polyhydroxylated Pyrano-Pyrrole Derivatives from Carbohydrate Precursors. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3296-3310.	2.4	30
16	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
17	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
18	Novel pyrrole C-nucleosides by nitrogen extrusion from pyridazine C-nucleosides. <i>Tetrahedron Letters</i> , 2004, 45, 1031-1033.	1.4	28

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19	Reaction of Glyconitriles with Organometallic Reagents: Access to Acyl β -D-Glycosides. <i>Journal of Organic Chemistry</i> , 2016, 81, 2364-2371.	3.2	28
20	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
21	Novel phosphate-phosphonate hybrid nanomaterials applied to biology. <i>Progress in Solid State Chemistry</i> , 2006, 34, 257-266.	7.2	25
22	New Water-Soluble Diamine Complexes as Catalysts for the Hydrogenation of Ketones Under Hydrogen Pressure. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1745-1748.	2.4	23
23	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
24	Advanced preparation of functionalized triarylbi-muths and triheteroaryl-bismuths: new scope and alternatives. <i>Tetrahedron Letters</i> , 2012, 53, 1894-1896.	1.4	23
25	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
26	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
27	Asymmetric Synthesis of Cyclohexene Nucleoside Analogues. <i>Journal of Organic Chemistry</i> , 2011, 76, 8059-8063.	3.2	16
28	Stereoselective synthesis of inositol mono, bis and trisphosphate analogues from 6-deoxy- d -inositol precursors. <i>Tetrahedron</i> , 1999, 55, 7251-7270.	1.9	13
29	Synthesis of mono- and polyhydroxylated cyclobutane nucleoside analogs. <i>Tetrahedron</i> , 2005, 61, 7607-7612.	1.9	12
30	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
31	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
32	Pd-Catalyzed Chemoselective Cross-Coupling Reaction of Triaryl- or Triheteroarylbi-muth Compounds with 3,6-Dihalopyridazines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 117-124.	2.4	12
33	Stereoselective synthesis of myo-inositol-1,3,4,5-tetrakisphosphate analogues from 6-deoxy d-inositol precursors. <i>Tetrahedron</i> , 1999, 55, 7573-7582.	1.9	11
34	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
35	Metal-Coordination-Assisted Folding and Guest Binding in Helical Aromatic Oligoamide Molecular Capsules. <i>Angewandte Chemie</i> , 2017, 129, 6927-6931.	2.0	11
36	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

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37	Addition of Organozinc Reagents to Glycopyranosyl Cyanides: Access to Keto Esterâ€‹glycosides or Unsaturated Acylâ€‹glycosides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1735-1738.	2.4	10
38	Reactivity of 1,1â€²-thiocarbonyldiimidazole with glycosides: a novel and efficient glycosidic activation. <i>Tetrahedron Letters</i> , 2002, 43, 241-244.	1.4	9
39	Unusual anomeric rearrangement of para-nitrobenzoylxanthate d-glycosides: a new direct stereoselective access to Î±-thioglycosides from pyranose sugars. <i>Tetrahedron</i> , 2006, 62, 4784-4794.	1.9	8
40	A Convergent Heteroâ€‹Dielsâ€‹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
41	A carbohydrate-based synthetic approach to quadrone. <i>Tetrahedron Letters</i> , 1997, 38, 5975-5976.	1.4	7
42	Rearrangement of 1-O-(thio-p-nitrobenzoyl)thiocarbonyl galactoside: a novel access to Î±-thioglycoside derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 237-239.	1.4	7
43	Synthesis and Biological Evaluation of 4â€²â€‹C</i>,3â€²â€‹O</i>â€‹Propyleneâ€‹Linked Bicyclic Nucleosides. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7390-7399.	2.4	7
44	Intramolecular Horner-Wadsworth-Emmons Olefination Route to Annulated Carbohydrates. <i>Synlett</i> , 1996, 1996, 24-26.	1.8	6
45	A benzyloxy group migration under Mitsunobu reaction conditions. <i>Tetrahedron Letters</i> , 2004, 45, 6461-6463.	1.4	6
46	Stereoselective Synthesis of a Bicyclic Norsesquiterpene Backbone â€‹ A Possible Route to Nardosinane Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7083-7094.	2.4	3
47	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
48	Synthesis of Constrained <i>C</i>â€‹Glycosyl Amino Acid Derivatives Involving 1,3â€‹Dipolar Cycloaddition of Cyclic Nitrone as Key Step. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6749-6757.	2.4	3
49	Practical Gram-Scale Synthesis of Either Î±- or Î²-Anomer of C-Vinyl Glycosides. <i>Synthesis</i> , 2019, 51, 2484-2488.	2.3	2
50	Synthesis of Novel Polyhydroxylated Tetrahydropyranopyrroles. <i>Synlett</i> , 2007, 2007, 0403-0406.	1.8	1
51	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
52	Ring Contraction Methodology for the Synthesis of Pyrroles. <i>ChemInform</i> , 2005, 36, no.	0.0	0
53	(1R,2S,4S,4aS,8S,8aS)-4-Hydroxy-8,8a-dimethyl-10-oxo-2,3,4,7,8,8a-hexahydro-1H-4a,1-(epoxymethano)naphthalen-2-yl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o938-o939.	0.2	0