

# Vincent Roy

## List of Publications by Year in descending order

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40  
papers

846  
citations

567281

15  
h-index

501196

28  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of ribavirin analogues by copper- and ruthenium-catalyzed azide-alkyne 1,3-dipolar cycloaddition. <i>Tetrahedron</i> , 2008, 64, 9044-9051.	1.9	78
2	A Cryptophane Biosensor for the Detection of Specific Nucleotide Targets through Xenon NMR Spectroscopy. <i>ChemPhysChem</i> , 2007, 8, 2082-2085.	2.1	77
3	Improved Synthesis of Functional CTVs and Cryptophanes Using Sc(OTf) <sub>3</sub> as Catalyst. <i>Journal of Organic Chemistry</i> , 2005, 70, 6187-6195.	3.2	70
4	Preparation of Cyclonucleosides. <i>Chemical Reviews</i> , 2010, 110, 1828-1856.	47.7	69
5	Synthesis of new C5-(1-substituted-1,2,3-triazol-4 or 5-yl)-2 <sup>deoxy</sup> uridines and their antiviral evaluation. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 778-786.	5.5	54
6	Novel Antiviral C5-Substituted Pyrimidine Acyclic Nucleoside Phosphonates Selected as Human Thymidylate Kinase Substrates. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 222-232.	6.4	52
7	Preparation of acyclo nucleoside phosphonate analogues based on cross-metathesis. <i>Tetrahedron</i> , 2008, 64, 3517-3526.	1.9	39
8	Expeditious convergent procedure for the preparation of bis(POC) prodrugs of new (E)-4-phosphono-but-2-en-1-yl nucleosides. <i>Tetrahedron</i> , 2011, 67, 5319-5328.	1.9	32
9	In Situ One-Step Method for Synthesis of $\alpha$ -Click-Functionalized Monolithic Stationary Phase for Capillary Electrochromatography. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2700-2707.	2.2	29
10	Recent progress for the synthesis of selected carbocyclic nucleosides. <i>Future Medicinal Chemistry</i> , 2015, 7, 1809-1828.	2.3	29
11	Synthesis of dihydropyrimidine $\beta$ , $\gamma$ -diketobutanoic acid derivatives targeting HIV integrase. <i>European Journal of Medicinal Chemistry</i> , 2015, 104, 127-138.	5.5	26
12	3 <sup>deoxy</sup> -(1,2,3-Triazol-1-yl)-3 <sup>deoxy</sup> thymidine analogs as substrates for human and <i>Ureaplasma parvum</i> thymidine kinase for structure-activity investigations. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3261-3269.	3.0	22
13	Synthesis and broad spectrum antiviral evaluation of bis(POM) prodrugs of novel acyclic nucleosides. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 398-408.	5.5	21
14	Synthesis and antiviral evaluation of C5-substituted-(1,3-diyne)-2 <sup>deoxy</sup> uridines. <i>European Journal of Medicinal Chemistry</i> , 2012, 53, 220-228.	5.5	18
15	The Preparation of Trisubstituted Alkenyl Nucleoside Phosphonates under Ultrasound-Assisted Olefin Cross-Metathesis. <i>Organic Letters</i> , 2013, 15, 4390-4393.	4.6	17
16	Straightforward synthesis of 2,4,6-trisubstituted 1,3,5-triazine compounds targeting cysteine cathepsins K and S. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 12-20.	5.5	17
17	The Shortest Strategy for Generating Phosphonate Prodrugs by Olefin Cross-Metathesis Application to Acyclonucleoside Phosphonates. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7324-7330.	2.4	16
18	Preparation of C-5-substituted 6,5 <sup>deoxy</sup> -O-anhydrouridine by Sn-Pd transmetalation-coupling process and their use. <i>Tetrahedron</i> , 2009, 65, 9791-9796.	1.9	14

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19	Synthesis and antiviral evaluation of bis(POM) prodrugs of (E)-[4- <sup>2</sup> -phosphono-but-2-en-1-yl]purine nucleosides. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 126-133.	5.5	14
20	Tailor-Made Molecularly Imprinted Polymer for Selective Recognition of the Urinary Tumor Marker Pseudouridine. <i>Macromolecular Bioscience</i> , 2017, 17, 1700250.	4.1	13
21	One step selective 5-O-allylation of thymidine using microwave or ultrasound activation. <i>Carbohydrate Research</i> , 2004, 339, 1829-1831.	2.3	12
22	Synthesis and Anti-HIV Evaluation of 3-Triazolo Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2011, 30, 264-270.	1.1	12
23	Highly convergent synthesis and antiviral activity of (E)-but-2-enyl nucleoside phosphonoamidates. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 678-686.	5.5	12
24	Selective inhibition of human cathepsin S by 2,4,6-trisubstituted 1,3,5-triazine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4310-4319.	3.0	11
25	Synthesis of Fluorine-Containing 3,3-Disubstituted Oxetanes and Alkylidene Oxetanes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3121-3128.	2.4	10
26	A convenient, highly selective and eco-friendly N-Boc protection of pyrimidines under microwave irradiation. <i>RSC Advances</i> , 2014, 4, 59747-59749.	3.6	9
27	Active site labeling of cysteine cathepsins by a straightforward diazomethylketone probe derived from the N-terminus of human cystatin C. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 250-254.	2.1	9
28	Design and Synthesis of Various 5-Deoxy-5-(4-Substituted-1,2,3-Triazol-1-yl)-Uridine Analogues as Inhibitors of Mycobacterium tuberculosis Mur Ligases. <i>Molecules</i> , 2020, 25, 4953.	3.8	9
29	New Dinucleoside Analogues via Cross-Coupling Metathesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 289-301.	1.1	8
30	Microwave-assisted syntheses of nucleosides and their precursors. <i>Future Medicinal Chemistry</i> , 2010, 2, 177-192.	2.3	8
31	Sonication-Assisted Synthesis of (E)-2-Methyl-but-2-enyl Nucleoside Phosphonate Prodrugs. <i>ChemistrySelect</i> , 2016, 1, 3108-3113.	1.5	8
32	Synthesis and Antiviral Evaluation of D4T Analogues with a Spacer Arm Between Glucidic and Base Moieties. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1625-1637.	1.1	6
33	Selective Deprotection of Fully Benzoylated Nucleoside Derivatives. <i>Journal of Carbohydrate Chemistry</i> , 2004, 23, 299-303.	1.1	6
34	Synthesis and characterization of various 5-dye-labeled ribonucleosides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6552-6563.	2.8	6
35	Synthesis and Antiviral Evaluation of (1,4-Disubstituted-1,2,3-Triazol)-(E)-2-Methyl-but-2-Enyl Nucleoside Phosphonate Prodrugs. <i>Molecules</i> , 2021, 26, 1493.	3.8	4
36	Cross-Metathesis Mediated Synthesis of New Acyclic Nucleoside Phosphonates. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1399-1402.	1.1	3

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37	Synthesis and Antiviral Evaluation of Azt Analogues with A Spacer Arm Between Glucidic and Base Moieties. Part II. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 413-421.	1.1	2
38	Microwave-Assisted Silylation-Amination of Uracil Acyclonucleosides to 4-Alkylamino-2(1H)-Pyrimidinone Analogues. Synthesis, 2008, 2008, 2127-2133.	2.3	1
39	Preparation of Carbocyclic <i>C</i> -Nucleosides from $\alpha$ -Chlorooxime Precursor. European Journal of Organic Chemistry, 2010, 2010, 749-754.	2.4	1
40	Olefin Cross-Metathesis for the Synthesis of Alkenyl Acyclonucleoside Phosphonates. Current Protocols in Nucleic Acid Chemistry, 2014, 59, 14.11.1-17.	0.5	1