

Michel Roberge

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

9,359
citations

471509

17
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

21757
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Phase I Trial of 72-Hour Continuous Infusion UCN-01 in Patients With Refractory Neoplasms. <i>Journal of Clinical Oncology</i> , 2001, 19, 2319-2333.	1.6	305
4	Structure-Activity Analysis of Niclosamide Reveals Potential Role for Cytoplasmic pH in Control of Mammalian Target of Rapamycin Complex 1 (mTORC1) Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 17530-17545.	3.4	141
5	Nitazoxanide Stimulates Autophagy and Inhibits mTORC1 Signaling and Intracellular Proliferation of <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002691.	4.7	124
6	Inhibition of the G2 DNA Damage Checkpoint and of Protein Kinases Chk1 and Chk2 by the Marine Sponge Alkaloid Debromohymenialdisine. <i>Journal of Biological Chemistry</i> , 2001, 276, 17914-17919.	3.4	111
7	Regulation of mTORC1 Signaling by pH. <i>PLoS ONE</i> , 2011, 6, e21549.	2.5	100
8	DNA loops: structural and functional properties of scaffold-attached regions. <i>Molecular Microbiology</i> , 1992, 6, 419-423.	2.5	72
9	Novel small molecules potentiate premature termination codon readthrough by aminoglycosides. <i>Nucleic Acids Research</i> , 2016, 44, 6583-6598.	14.5	67
10	Induction of Covalently Crosslinked p62 Oligomers with Reduced Binding to Polyubiquitinated Proteins by the Autophagy Inhibitor Verteporfin. <i>PLoS ONE</i> , 2014, 9, e114964.	2.5	64
11	Antimitotic Diterpenes from <i>Erythropodium caribaeorum</i> Test Pharmacophore Models for Microtubule Stabilization. <i>Organic Letters</i> , 2000, 2, 257-260.	4.6	59
12	Gentamicin B1 is a minor gentamicin component with major nonsense mutation suppression activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3479-3484.	7.1	57
13	Inhibitors of the Influenza A Virus M2 Proton Channel Discovered Using a High-Throughput Yeast Growth Restoration Assay. <i>PLoS ONE</i> , 2013, 8, e55271.	2.5	48
14	Using <i>C. elegans</i> Forward and Reverse Genetics to Identify New Compounds with Anthelmintic Activity. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005058.	3.0	45
15	Effect of small molecule eRF3 degraders on premature termination codon readthrough. <i>Nucleic Acids Research</i> , 2021, 49, 3692-3708.	14.5	43
16	Stat3 regulates centrosome clustering in cancer cells via Stathmin/PLK1. <i>Nature Communications</i> , 2017, 8, 15289.	12.8	36
17	New <i>in Vitro</i> Assay Measuring Direct Interaction of Nonsense Suppressors with the Eukaryotic Protein Synthesis Machinery. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1285-1291.	2.8	28
18	The antimalarial drug mefloquine enhances TP53 premature termination codon readthrough by aminoglycoside G418. <i>PLoS ONE</i> , 2019, 14, e0216423.	2.5	20

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19	New Negamycin-Based Potent Readthrough Derivative Effective against TGA-Type Nonsense Mutations. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1450-1456.	2.8	19
20	Premature termination codon readthrough upregulates progranulin expression and improves lysosomal function in preclinical models of GRN deficiency. <i>Molecular Neurodegeneration</i> , 2020, 15, 21.	10.8	19
21	Raloxifene prevents stress granule dissolution, impairs translational control and promotes cell death during hypoxia in glioblastoma cells. <i>Cell Death and Disease</i> , 2020, 11, 989.	6.3	17
22	Briarane, Erythrane, and Aquarane Diterpenoids from the Caribbean Gorgonian <i>Erythropodium caribaeorum</i> . <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3515-3523.	2.4	16
23	Identification of Methylosome Components as Negative Regulators of Plant Immunity Using Chemical Genetics. <i>Molecular Plant</i> , 2016, 9, 1620-1633.	8.3	15
24	Inhibition of 5S RNA transcription in vitro by nucleosome cores with low or high levels of histone acetylation. <i>FEBS Letters</i> , 1991, 288, 215-218.	2.8	14
25	Thiopurines Activate an Antiviral Unfolded Protein Response That Blocks Influenza A Virus Glycoprotein Accumulation. <i>Journal of Virology</i> , 2021, 95, .	3.4	13
26	Nonselective TRPC channel inhibition and suppression of aminoglycoside-induced premature termination codon readthrough by the small molecule AC1903. <i>Journal of Biological Chemistry</i> , 2022, 298, 101546.	3.4	12
27	Characterization of topoisomerase II-DNA interaction and identification of a DNA-binding domain by ultraviolet laser crosslinking. <i>FEBS Letters</i> , 1996, 380, 127-132.	2.8	11
28	Novel spirothiazamethane inhibitors of the influenza A M2 proton channel. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 64-73.	5.5	11
29	Virtual Screening Identifies Chebulagic Acid as an Inhibitor of the M2(S31N) Viral Ion Channel and Influenza A Virus. <i>Molecules</i> , 2020, 25, 2903.	3.8	11
30	2-Aminothiazole-4-carboxamides Enhance Readthrough of Premature Termination Codons by Aminoglycosides. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 726-731.	2.8	9
31	Small molecule Y-320 stimulates ribosome biogenesis, protein synthesis, and aminoglycoside-induced premature termination codon readthrough. <i>PLoS Biology</i> , 2021, 19, e3001221.	5.6	7
32	Reducing the Toxicity of Designer Aminoglycosides as Nonsense Mutation Readthrough Agents for Therapeutic Targets. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1486-1492.	2.8	7
33	Clonamines stimulate autophagy, inhibit <i>Mycobacterium tuberculosis</i> survival in macrophages, and target Pik1. <i>Cell Chemical Biology</i> , 2022, 29, 870-882.e11.	5.2	7
34	NanoLuc reporters identify COL4A5 nonsense mutations susceptible to drug-induced stop codon readthrough. <i>iScience</i> , 2022, 25, 103891.	4.1	6
35	Read-Through for Nonsense Mutations in Type XVII Collagen-deficient Junctional Epidermolysis Bullosa. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1227-1230.e4.	0.7	5
36	Defining Drug Targets in Yeast Haploinsufficiency Screens: Application to Human Translational Pharmacology A presentation from the American Society for Pharmacology and Experimental Therapeutics (ASPET) Centennial Meeting at the Experimental Biology 2008 Meeting, San Diego, California, 5 to 9 April 2008.. <i>Science Signaling</i> , 2008, 1, pt5.	3.6	4

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37	Identification of substrate-specific inhibitors of cathepsin K through high-throughput screening. <i>Biochemical Journal</i> , 2019, 476, 499-512.	3.7	4
38	Biophysical characterization of the ETV6 PNT domain polymerization interfaces. <i>Journal of Biological Chemistry</i> , 2021, 296, 100284.	3.4	2
39	A Multipronged Screening Approach Targeting Inhibition of ETV6 PNT Domain Polymerization. <i>SLAS Discovery</i> , 2021, 26, 698-711.	2.7	2
40	Antiangiogenic Alkaloids from Marine Organisms. , 0, , 233-269.		0