Regan M Leblanc

List of Publications by Year
in descending order

25 papers	597 citations	687220 13 h-index	642610 23 g-index
26 all docs	26 docs citations	26 times ranked	669 citing authors

#	Article	IF	Citations
1	Structural insights of the conserved â€œpriming loopâ€•of hepatitis B virus pre-genomic RNA. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9761-9773.	2.0	14
2	Extraction and Purification of (E)-Resveratrol from the Bark of Conifer Species. Processes, 2022, 10, 647.	1.3	4
3	Cross-correlated Relaxation Rates Provide Facile Exchange Signature in Selectively Labeled RNA. Journal of Magnetic Resonance, 2022, , 107245.	1.2	1
4	Strategies for Modeling Ligand Docking to Natural and Engineered RNA Structures. Biophysical Journal, 2021, 120, 315a.	0.2	0
5	Isotope-Labeled RNA Building Blocks for NMR Structure and Dynamics Studies. Molecules, 2021, 26, 5581.	1.7	8
6	A drug discovery toolbox for Nuclear Magnetic Resonance (NMR) characterization of ligands and their targets. Drug Discovery Today: Technologies, 2020, 37, 51-60.	4.0	6
7	Deleterious effects of carbonâ€“carbon dipolar coupling on RNA NMR dynamics. Journal of Biomolecular NMR, 2020, 74, 321-331.	1.6	8
8	NMR probing of invisible excited states using selectively labeled RNAs. Journal of Biomolecular NMR, 2018, 71, 165-172.	1.6	14
9	Combining asymmetric 13C-labeling and isotopic filter/edit NOESY: a novel strategy for rapid and logical RNA resonance assignment. Nucleic Acids Research, 2017, 45, e146-e146.	6.5	15
10	A magnesium-induced triplex pre-organizes the SAM-II riboswitch. PLoS Computational Biology, 2017, 13, e1005406.	1.5	24
11	SAMâ€‘II Riboswitch Samples at least Two Conformations in Solution in the Absence of Ligand: Implications for Recognition. Angewandte Chemie, 2016, 128, 2774-2777.	1.6	6
12	SAMâ€‘II Riboswitch Samples at least Two Conformations in Solution in the Absence of Ligand: Implications for Recognition. Angewandte Chemie - International Edition, 2016, 55, 2724-2727.	7.2	39
13	Chemo-enzymatic synthesis of site-specific isotopically labeled nucleotides for use in NMR resonance assignment, dynamics and structural characterizations. Nucleic Acids Research, 2016, 44, e52-e52.	6.5	44
14	Chemo-enzymatic labeling for rapid assignment of RNA molecules. Methods, 2016, 103, 11-17.	1.9	13
15	Stable Isotope-Labeled RNA Phosphoramidites to Facilitate Dynamics by NMR. Methods in Enzymology, 2015, 565, 461-494.	0.4	18
16	Chemo-Enzymatic Synthesis of Selectively 13C/15N-Labeled RNA for NMR Structural and Dynamics Studies. Methods in Enzymology, 2014, 549, 133-162.	0.4	30
17	Regioâ€Selective Chemicalâ€Enzymatic Synthesis of Pyrimidine Nucleotides Facilitates RNA Structure and Dynamics Studies. ChemBioChem, 2014, 15, 1573-1577.	1.3	45
18	Design, Synthesis and Biological Testing of Cyclohexenone Derivatives of Combretastatin-A4. Letters in Drug Design and Discovery, 2007, 4, 144-148.	0.4	20

#	Article	IF	Citations
19	Design, synthesis, and biological testing of pyrazoline derivatives of combretastatin-A4. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5897-5901.	1.0	131
20	Synthesis and Cytotoxic Properties of Chalcones: An Interactive and Investigative Undergraduate Laboratory Project at the Interface of Chemistry and Biology. Journal of Chemical Education, 2006, 83, 934.	1.1	11
21	Synthesis and cytotoxicity of epoxide and pyrazole analogs of the combretastatins. Bioorganic and Medicinal Chemistry, 2005, 13, 6025-6034.	1.4	79
22	SYNTHESIS AND CYTOTOXIC PROPERTIES OF NITRO- AND AMINOCHALCONES. Medicinal Chemistry Research, 2005, 14, 19-25.	1.1	33
23	SYNTHESIS AND BIOLOGICAL EVALUATION OF CIS-COMBRETASTATIN ANALOGS AND THEIR NOVEL 1,2,3-TRIAZOLE DERIVATIVES. Heterocyclic Communications, 2005, 11, .	0.6	30
24	REACTION OF CHALCONES WITH BASIC HYDROGEN PEROXIDE: A STRUCTURE AND REACTIVITY STUDY. Heterocyclic Communications, 2005, 11, .	0.6	4
25	AN EFFICIENT METHOD FOR THE SYNTHESIS OF SUBSTITUTED 4-ACETOXYNAPHTHALENE-2-CARBOXYLATE ESTERS, ETHYL 4-ACETOXYBENZOFURAN-6-CARBOXYLATE, AND ETHYL 4-ACETOXYBENZOTHIOPHENE-6-CARBOXYLATE. Heterocyclic Communications, 2003, 9, .	0.6	0