Julien Lafrance-Vanasse

List of Publications by Year
in descending order

18	736	623734 14	839539 18
papers	citations	h-index	g-index

20	20	20	1272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Envisioning the dynamics and flexibility of Mre11-Rad50-Nbs1 complex to decipher its roles in DNA replication and repair. Progress in Biophysics and Molecular Biology, 2015, 117, 182-193.	2.9	93
2	The cutting edges in DNA repair, licensing, and fidelity: DNA and RNA repair nucleases sculpt DNA to measure twice, cut once. DNA Repair, 2014, 19, 95-107.	2.8	82
3	Sequential expression and redundancy of Pitx2 and Pitx3 genes during muscle development. Developmental Biology, 2007, 307, 421-433.	2.0	77
4	High Resolution Reaction Intermediates of Rabbit Muscle Fructose-1,6-bisphosphate Aldolase. Journal of Biological Chemistry, 2005, 280, 27262-27270.	3.4	59
5	Antibody semorinemab reduces tau pathology in a transgenic mouse model and engages tau in patients with Alzheimerâ€™s disease. Science Translational Medicine, 2021, 13, .	12.4	50
6	Crystal Structures of the Organomercurial Lyase MerB in Its Free and Mercury-bound Forms. Journal of Biological Chemistry, 2009, 284, 938-944.	3.4	49
7	Structural and functional characterization of an atypical activation domain in erythroid KrÃ¼ppel-like factor (EKLF). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10484-10489.	7.1	45
8	Anin vitroFcRn- dependent transcytosis assay as a screening tool for predictive assessment of nonspecific clearance of antibody therapeutics in humans. MAbs, 2019, 11, 942-955.	5.2	45
9	The Rad50 hook domain regulates DNA damage signaling and tumorigenesis. Genes and Development, 2014, 28, 451-462.	5.9	43
10	Formylglycine-generating enzyme binds substrate directly at a mononuclear Cu(I) center to initiate O ₂ activation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5370-5375.	7.1	38
11	Calpain-mediated tau fragmentation is altered in Alzheimerâ€™s disease progression. Scientific Reports, 2018, 8, 16725.	3.3	35
12	Structural and functional evidence that Rad4 competes with Rad2 for binding to the Tfb1 subunit of TFIIH in NER. Nucleic Acids Research, 2013, 41, 2736-2745.	14.5	31
13	Structural and functional characterization of interactions involving the Tfb1 subunit of TFIIH and the NER factor Rad2. Nucleic Acids Research, 2012, 40, 5739-5750.	14.5	24
14	Development, Optimization, and Structural Characterization of an Efficient Peptide-Based Photoaffinity Cross-Linking Reaction for Generation of Homogeneous Conjugates from Wild-Type Antibodies. Bioconjugate Chemistry, 2019, 30, 148-160.	3.6	17
15	Structural and Biochemical Characterization of a Copper-Binding Mutant of the Organomercurial Lyase MerB: Insight into the Key Role of the Active Site Aspartic Acid in Hgâ€“Carbon Bond Cleavage and Metal Binding Specificity. Biochemistry, 2016, 55, 1070-1081.	2.5	15
16	Structure-Based Design of a Potent Artificial Transactivation Domain Based on p53. Journal of the American Chemical Society, 2012, 134, 1715-1723.	13.7	12
17	Carboxy-Terminus Recruitment Induced by Substrate Binding in Eukaryotic Fructose Bis-phosphate Aldolases,. Biochemistry, 2007, 46, 9533-9540.	2.5	11
18	Structural Characterization of a Noncovalent Complex between Ubiquitin and the Transactivation Domain of the Erythroid-Specific Factor EKLF. Structure, 2013, 21, 2014-2024.	3.3	9