

Julien Lafrance-Vanasse

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

736
citations

623734

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839539

18
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20
all docs

20
docs citations

20
times ranked

1272
citing authors

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