

Olivier Julien

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,984
citations

279701

23
h-index

302012

39
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44
all docs

44
docs citations

44
times ranked

3466
citing authors

#	ARTICLE	IF	CITATIONS
1	Caspases and their substrates. <i>Cell Death and Differentiation</i> , 2017, 24, 1380-1389.	5.0	549
2	The DegraBase: A Database of Proteolysis in Healthy and Apoptotic Human Cells. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 813-824.	2.5	124
3	Mapping interactions with the chaperone network reveals factors that protect against tau aggregation. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 384-393.	3.6	119
4	Quantitative MS-based enzymology of caspases reveals distinct protein substrate specificities, hierarchies, and cellular roles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2001-10.	3.3	99
5	Competing protein-protein interactions regulate binding of Hsp27 to its client protein tau. <i>Nature Communications</i> , 2018, 9, 4563.	5.8	82
6	Targeting RAS-driven human cancer cells with antibodies to upregulated and essential cell-surface proteins. <i>ELife</i> , 2018, 7, .	2.8	72
7	Comparative Analysis of Mitochondrial N-Termini from Mouse, Human, and Yeast. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 512-523.	2.5	71
8	Cacidases: caspases can cleave after aspartate, glutamate and phosphoserine residues. <i>Cell Death and Differentiation</i> , 2016, 23, 1717-1726.	5.0	68
9	Global cellular response to chemotherapy-induced apoptosis. <i>ELife</i> , 2013, 2, e01236.	2.8	59
10	Deorphanizing Caspase-3 and Caspase-9 Substrates In and Out of Apoptosis with Deep Substrate Profiling. <i>ACS Chemical Biology</i> , 2021, 16, 2280-2296.	1.6	58
11	TOA Estimation for Positioning With DVB-T Signals in Outdoor Static Tests. <i>IEEE Transactions on Broadcasting</i> , 2015, 61, 625-638.	2.5	45
12	The Unique Cofactor Region of Zika Virus NS2Bâ€“NS3 Protease Facilitates Cleavage of Key Host Proteins. <i>ACS Chemical Biology</i> , 2018, 13, 2398-2405.	1.6	45
13	Highly multiplexed and quantitative cell-surface protein profiling using genetically barcoded antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2836-2841.	3.3	44
14	Unraveling the mechanism of cell death induced by chemical fibrils. <i>Nature Chemical Biology</i> , 2014, 10, 969-976.	3.9	43
15	Structureâ€“Activity Relationship and Molecular Mechanics Reveal the Importance of Ring Entropy in the Biosynthesis and Activity of a Natural Product. <i>Journal of the American Chemical Society</i> , 2017, 139, 2541-2544.	6.6	43
16	Heat Shock Protein 70 (Hsp70) Suppresses RIP1-Dependent Apoptotic and Necroptotic Cascades. <i>Molecular Cancer Research</i> , 2018, 16, 58-68.	1.5	42
17	Reprogramming Caspase-7 Specificity by Regio-Specific Mutations and Selection Provides Alternate Solutions for Substrate Recognition. <i>ACS Chemical Biology</i> , 2016, 11, 1603-1612.	1.6	41
18	Positioning Using Mobile TV Based on the DVB-SH Standard. <i>Navigation, Journal of the Institute of Navigation</i> , 2011, 58, 71-90.	1.7	40

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19	Analysis on the TOA Tracking With DVB-T Signals for Positioning. IEEE Transactions on Broadcasting, 2016, 62, 957-961.	2.5	31
20	Differential stability of the bovine prion protein upon urea unfolding. Protein Science, 2009, 18, 2172-2182.	3.1	30
21	Protease Substrate Identification Using N-terminomics. ACS Chemical Biology, 2019, 14, 2361-2371.	1.6	28
22	Solution Structure of a DNA Duplex Containing the Potent Anti-Poxvirus Agent Cidofovir. Journal of the American Chemical Society, 2011, 133, 2264-2274.	6.6	25
23	Turning ON Caspases with Genetics and Small Molecules. Methods in Enzymology, 2014, 544, 179-213.	0.4	24
24	Is there nascent structure in the intrinsically disordered region of troponin I?. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1240-1250.	1.5	23
25	Relative and Regional Stabilities of the Hamster, Mouse, Rabbit, and Bovine Prion Proteins toward Urea Unfolding Assessed by Nuclear Magnetic Resonance and Circular Dichroism Spectroscopies. Biochemistry, 2011, 50, 7536-7545.	1.2	22
26	UBC9-dependent Association between Calnexin and Protein Tyrosine Phosphatase 1B (PTP1B) at the Endoplasmic Reticulum. Journal of Biological Chemistry, 2015, 290, 5725-5738.	1.6	20
27	Versatile Cardiac Troponin Chimera for Muscle Protein Structural Biology and Drug Discovery. ACS Chemical Biology, 2014, 9, 2121-2130.	1.6	18
28	Biochemical Tools for Tracking Proteolysis. Journal of Proteome Research, 2021, 20, 5264-5279.	1.8	18
29	Diverse, evolving conformer populations drive distinct phenotypes in frontotemporal lobar degeneration caused by the same MAPT-P301L mutation. Acta Neuropathologica, 2020, 139, 1045-1070.	3.9	17
30	Myocardial MMP-2 contributes to SERCA2a proteolysis during cardiac ischaemiaâ€“reperfusion injury. Cardiovascular Research, 2020, 116, 1021-1031.	1.8	16
31	Positioning principles with a mobile TV system using DVB-SH signals and a Single Frequency Network. , 2009, , .		12
32	Toward Protein Structure In Situ: Comparison of Two Bifunctional Rhodamine Adducts of Troponin C. Biophysical Journal, 2007, 93, 1008-1020.	0.2	10
33	A conserved acetylation switch enables pharmacological control of tubby-like protein stability. Journal of Biological Chemistry, 2021, 296, 100073.	1.6	10
34	The effect of the cosolvent trifluoroethanol on a tryptophan side chain orientation in the hydrophobic core of troponin C. Protein Science, 2009, 18, 1165-1174.	3.1	7
35	Tryptophan side chain conformers monitored by NMR and timeâ€“resolved fluorescence spectroscopies. Proteins: Structure, Function and Bioinformatics, 2012, 80, 239-245.	1.5	7
36	NMR Studies of the Dynamics of a Bifunctional Rhodamine Probe Attached to Troponin C. Journal of the American Chemical Society, 2008, 130, 2602-2609.	6.6	6

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37	MTH187 from Methanobacterium thermoautotrophicum has three HEAT-like Repeats. Journal of Biomolecular NMR, 2006, 35, 149-154.	1.6	5
38	Monitoring Prion Protein Stability by NMR. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1069-1074.	1.1	4
39	Mayaro Virus Non-Structural Protein 2 Circumvents the Induction of Interferon in Part by Depleting Host Transcription Initiation Factor IIE Subunit 2. Cells, 2021, 10, 3510.	1.8	4
40	Tryptophan Mutants of Cardiac Troponin C: 3D Structure, Troponin I Affinity, and <i>in Situ</i> Activity. Biochemistry, 2008, 47, 597-606.	1.2	2