

Pascal Mercier

List of Publications by Year in descending order

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23
papers

2,112
citations

567144

15
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642610

23
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23
all docs

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docs citations

23
times ranked

3191
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Profiling: Quantitative Analysis of ¹ H NMR Metabolomics Data. <i>Analytical Chemistry</i> , 2006, 78, 4430-4442.	3.2	844
2	Structure of Subtilosin A, a Cyclic Antimicrobial Peptide from <i>Bacillus subtilis</i> with Unusual Sulfur to α -Carbon Cross-Links: Formation and Reduction of α -Thio- α -Amino Acid Derivatives. <i>Biochemistry</i> , 2004, 43, 3385-3395.	1.2	185
3	Disruption of the autoinhibited state primes the E3 ligase parkin for activation and catalysis. <i>EMBO Journal</i> , 2015, 34, 2506-2521.	3.5	160
4	Antimicrobial lipopeptide tridecaptin A selectively binds to Gram-negative lipid II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11561-11566.	3.3	127
5	A molecular explanation for the recessive nature of parkin-linked Parkinson's disease. <i>Nature Communications</i> , 2013, 4, 1983.	5.8	123
6	Towards automatic metabolomic profiling of high-resolution one-dimensional proton NMR spectra. <i>Journal of Biomolecular NMR</i> , 2011, 49, 307-323.	1.6	117
7	Structure of Subtilosin A, an Antimicrobial Peptide from <i>Bacillus subtilis</i> with Unusual Posttranslational Modifications Linking Cysteine Sulfurs to α -Carbons of Phenylalanine and Threonine. <i>Journal of the American Chemical Society</i> , 2003, 125, 4726-4727.	6.6	111
8	Metabolite profiling of the intraerythrocytic malaria parasite <i>Plasmodium falciparum</i> by ¹ H NMR spectroscopy. <i>NMR in Biomedicine</i> , 2009, 22, 292-302.	1.6	101
9	Structure of phosphorylated UBL domain and insights into PINK1-orchestrated parkin activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 298-303.	3.3	77
10	In Situ Orientations of Protein Domains. <i>Molecular Cell</i> , 2003, 11, 865-874.	4.5	51
11	Structure, Dynamics, and Thermodynamics of the Structural Domain of Troponin C in Complex with the Regulatory Peptide 1 α 40 of Troponin I. <i>Biochemistry</i> , 2001, 40, 10063-10077.	1.2	40
12	Insights into the Mechanism of Action of the Two-Peptide Lantibiotic Lacticin 3147. <i>Journal of the American Chemical Society</i> , 2017, 139, 17803-17810.	6.6	38
13	NMR Structure of a Bifunctional Rhodamine Labeled N-Domain of Troponin C Complexed with the Regulatory α -Switch-Peptide from Troponin I: Implications for in Situ Fluorescence Studies in Muscle Fibers. <i>Biochemistry</i> , 2003, 42, 4333-4348.	1.2	33
14	Effects of Phe-to-Trp mutation and fluorotryptophan incorporation on the solution structure of cardiac troponin C, and analysis of its suitability as a potential probe for in situ NMR studies. <i>Protein Science</i> , 2005, 14, 2447-2460.	3.1	23
15	Is there nascent structure in the intrinsically disordered region of troponin I?. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 1240-1250.	1.5	23
16	Structure of the HHARI Catalytic Domain Shows Glimpses of a HECT E3 Ligase. <i>PLoS ONE</i> , 2013, 8, e74047.	1.1	12
17	Assessment of ¹ H NMR-based metabolomics analysis for normalization of urinary metals against creatinine. <i>Clinica Chimica Acta</i> , 2017, 464, 37-43.	0.5	11
18	Characterizing the inhibition of α -synuclein oligomerization by a pharmacological chaperone that prevents prion formation by the protein PrP. <i>Protein Science</i> , 2019, 28, 1690-1702.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Structural Basis of <i>Tirasemtiv</i> Activation of Fast Skeletal Muscle. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3026-3034.	2.9	9
20	The effect of the cosolvent trifluoroethanol on a tryptophan side chain orientation in the hydrophobic core of troponin C. <i>Protein Science</i> , 2009, 18, 1165-1174.	3.1	7
21	NMR Studies of the Dynamics of a Bifunctional Rhodamine Probe Attached to Troponin C. <i>Journal of the American Chemical Society</i> , 2008, 130, 2602-2609.	6.6	6
22	Comparison of computational approaches for identification and quantification of urinary metabolites in ¹ H NMR spectra. <i>Analytical Methods</i> , 2018, 10, 2129-2137.	1.3	4
23	Dataset of urinary metabolites measured by ¹ H NMR analysis of normal human urine. <i>Data in Brief</i> , 2017, 10, 227-229.	0.5	1