

Clay Bracken

List of Publications by Year in descending order

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28
papers

2,164
citations

394421

19
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

3527
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-translational modifications within tau paired helical filament nucleating motifs perturb microtubule interactions and oligomer formation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101442.	3.4	16
2	Zinc induced structural changes in the intrinsically disordered BDNF Met prodomain confer synaptic elimination. <i>Metalomics</i> , 2020, 12, 1208-1219.	2.4	6
3	Use of paramagnetic ¹⁹ F NMR to monitor domain movement in a glutamate transporter homolog. <i>Nature Chemical Biology</i> , 2020, 16, 1006-1012.	8.0	31
4	NMR backbone resonance assignments of the prodomain variants of BDNF in the urea denatured state. <i>Biomolecular NMR Assignments</i> , 2018, 12, 43-45.	0.8	3
5	The BDNF Val66Met Prodomain Disassembles Dendritic Spines Altering Fear Extinction Circuitry and Behavior. <i>Neuron</i> , 2018, 99, 163-178.e6.	8.1	53
6	Structural Model of the Extracellular Assembly of the TCR-CD3 Complex. <i>Cell Reports</i> , 2016, 14, 2833-2845.	6.4	46
7	Elasticity measurements predict no membrane toxicity for the cardiolipin-targeted mitochondrial therapeutic SS-31 (1054.3). <i>FASEB Journal</i> , 2014, 28, 1054.3.	0.5	0
8	Targeting the [CL/cyt c] complex to protect electron transport and prevent ROS formation prevents mitochondrial IR injury without ROS scavenging (LB169). <i>FASEB Journal</i> , 2014, 28, LB169.	0.5	0
9	Val66Met polymorphism of BDNF alters prodomain structure to induce neuronal growth cone retraction. <i>Nature Communications</i> , 2013, 4, 2490.	12.8	185
10	Structural Architecture of the CARMA1/Bcl10/MALT1 Signalosome: Nucleation-Induced Filamentous Assembly. <i>Molecular Cell</i> , 2013, 51, 766-779.	9.7	163
11	Assembling Ligands In Situ Using Bioorthogonal Boronate Ester Synthesis. <i>Chemistry and Biology</i> , 2010, 17, 1171-1176.	6.0	34
12	The volatile anesthetic isoflurane perturbs conformational activation of integrin LFA-1 by binding to the allosteric regulatory cavity. <i>FASEB Journal</i> , 2008, 22, 4109-4116.	0.5	50
13	pH Dependence of Amide Chemical Shifts in Natively Disordered Polypeptides Detects Medium-Range Interactions with Ionizable Residues. <i>Biophysical Journal</i> , 2005, 89, 3293-3302.	0.5	18
14	Combining prediction, computation and experiment for the characterization of protein disorder. <i>Current Opinion in Structural Biology</i> , 2004, 14, 570-576.	5.7	125
15	Helix formation and the unfolded state of a 52-residue helical protein. <i>Protein Science</i> , 2004, 13, 177-189.	7.6	19
16	An Effective Method for the Discrimination of Motional Anisotropy and Chemical Exchange. <i>Journal of the American Chemical Society</i> , 2002, 124, 1852-1853.	13.7	162
17	The DNA-binding domain in the <i>Bacillus subtilis</i> transition-state regulator AbrB employs significant motion for promiscuous DNA recognition. <i>Journal of Molecular Biology</i> , 2001, 305, 429-439.	4.2	24
18	NMR spin relaxation methods for characterization of disorder and folding in proteins. <i>Journal of Molecular Graphics and Modelling</i> , 2001, 19, 3-12.	2.4	47

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19	A method for efficient isotopic labeling of recombinant proteins. Journal of Biomolecular NMR, 2001, 20, 71-75.	2.8	676
20	Buried Polar Interactions and Conformational Stability in the Simian Immunodeficiency Virus (SIV) gp41 Core. Biochemistry, 2000, 39, 676-685.	2.5	34
21	Molecular Motions and Protein Folding: Characterization of the Backbone Dynamics and Folding Equilibrium of β -2D Using ^{13}C NMR Spin Relaxation. Journal of the American Chemical Society, 2000, 122, 11610-11619.	13.7	73
22	Temperature dependence of intramolecular dynamics of the basic leucine zipper of GCN4: implications for the entropy of association with DNA 1 Edited by P. E. Wright. Journal of Molecular Biology, 1999, 285, 2133-2146.	4.2	212
23	Characterization of millisecond time-scale dynamics in the molten globule state of β -lactalbumin by NMR. Journal of Molecular Biology, 1999, 294, 551-560.	4.2	36
24	Spin Relaxation Methods for Characterizing Picosecond-Nanosecond and Microsecond-Millisecond Motions in Proteins. , 1999, , 171-190.		6
25	CO-H(N)CACB experiments for assigning backbone resonances in $^{13}\text{C}/^{15}\text{N}$ -labeled proteins. Journal of Biomolecular NMR, 1998, 11, 451-456.	2.8	4
26	(H)N(COCA)NH and HN(COCA)NH experiments for ^1H - ^{15}N backbone assignments in $^{13}\text{C}/^{15}\text{N}$ -labeled proteins. Journal of Biomolecular NMR, 1997, 9, 94-100.	2.8	41
27	Synthesis and Nuclear Magnetic Resonance Structure Determination of an α -Helical, Bicyclic, Lactam-Bridged Hexapeptide. Journal of the American Chemical Society, 1994, 116, 6431-6432.	13.7	96
28	Determination of amide exchange rates by measurement of 2D NMR line-broadening. Journal of the American Chemical Society, 1993, 115, 6346-6348.	13.7	4