Braden M Roth

List of Publications by Year
in descending order

20 papers	794 citations	687363 13 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1661 citing authors

#	Article	IF	Citations
1	1HN, 13C, and 15N backbone resonance assignments of the SET/TAF-1Î²/I2PP2A oncoprotein (residues) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	1
2	Structure of the cell-binding component of the Clostridium difficile binary toxin reveals a di-heptamer macromolecular assembly. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1049-1058.	7.1	23
3	Mitochondrial protein import is regulated by p17/PERMIT to mediate lipid metabolism and cellular stress. Science Advances, 2019, 5, eaax1978.	10.3	39
4	1HN, 13C, and 15N backbone resonance assignments of the human DNA ligase 3 DNA-binding domain (residues 257-477). Biomolecular NMR Assignments, 2019, 13, 305-308.	0.8	1
5	The NMRâ€based characterization of the FTY720â€SET complex reveals an alternative mechanism for the attenuation of the inhibitory SETâ€PP2A interaction. FASEB Journal, 2019, 33, 7647-7666.	0.5	30
6	1H, 13C, and 15N resonance assignments of N-acetylmuramyl-l-alanine amidase (AmiC) N-terminal domain (NTD) from Neisseria gonorrhoeae. Biomolecular NMR Assignments, 2019, 13, 63-66.	0.8	0
7	The Structure of the Biofilm-controlling Response Regulator BfmR from Acinetobacter baumannii Reveals Details of Its DNA-binding Mechanism. Journal of Molecular Biology, 2018, 430, 806-821.	4.2	47
8	Balance between senescence and apoptosis is regulated by telomere damageâ€“induced association between p16 and caspase-3. Journal of Biological Chemistry, 2018, 293, 9784-9800.	3.4	28
9	Crystal structure of the human heterogeneous ribonucleoprotein A18 RNA-recognition motif. Acta Crystallographica Section F, Structural Biology Communications, 2017, 73, 209-214.	0.8	14
10	CNPY2 is a key initiator of the PERKâ€“CHOP pathway of the unfolded protein response. Nature Structural and Molecular Biology, 2017, 24, 834-839.	8.2	42
11	1H, 13C, and 15N resonance assignments of an enzymatically active domain from the catalytic component (CDTa, residues 216â€“420) of a binary toxin from Clostridium difficile. Biomolecular NMR Assignments, 2016, 10, 213-217.	0.8	4
12	Structural Reâ€engineering of the Î±â€Helix Mimetic JYâ€1â€106 into Small Molecules: Disruption of the Mclâ€1â€“Bakâ€BH3 Proteinâ€“Protein Interaction with 2,6â€Diâ€Substituted Nicotinates. ChemMedChem, 2016, 11, 827-833.	3.1	25
13	1HN, 13C, and 15N resonance assignments of the CDTb-interacting domain (CDTaBID) from the Clostridium difficile binary toxin catalytic component (CDTa, residues 1â€“221). Biomolecular NMR Assignments, 2016, 10, 335-339.	0.8	3
14	Structure-based design of N-substituted 1-hydroxy-4-sulfamoyl-2-naphthoates as selective inhibitors of the Mcl-1 oncoprotein. European Journal of Medicinal Chemistry, 2016, 113, 273-292.	5.5	42
15	Structure-based design of 3-carboxy-substituted 1,2,3,4-tetrahydroquinolines as inhibitors of myeloid cell leukemia-1 (Mcl-1). Organic and Biomolecular Chemistry, 2016, 14, 5505-5510.	2.8	34
16	Backbone 1HN, 13C, and 15N resonance assignments of the tandem RNA-binding domains of human DGCR8. Biomolecular NMR Assignments, 2013, 7, 183-186.	0.8	2
17	The Core Microprocessor Component DiGeorge Syndrome Critical Region 8 (DGCR8) Is a Nonspecific RNA-binding Protein. Journal of Biological Chemistry, 2013, 288, 26785-26799.	3.4	36
18	RNA dimerization plays a role in ribosomal frameshifting of the SARS coronavirus. Nucleic Acids Research, 2013, 41, 2594-2608.	14.5	56

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19	Ectopic DICER-LIKE1 Expression in P1/HC-Pro Arabidopsis Rescues Phenotypic Anomalies but Not Defects in MicroRNA and Silencing Pathways. Plant Cell, 2005, 17, 2873-2885.	6.6	69
20	Plant viral suppressors of RNA silencing. Virus Research, 2004, 102, 97-108.	2.2	298