

Braden M Roth

List of Publications by Year in descending order

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Version: 2024-02-01

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	Plant viral suppressors of RNA silencing. <i>Virus Research</i> , 2004, 102, 97-108.	2.2	298
2	Ectopic DICER-LIKE1 Expression in P1/HC-Pro Arabidopsis Rescues Phenotypic Anomalies but Not Defects in MicroRNA and Silencing Pathways. <i>Plant Cell</i> , 2005, 17, 2873-2885.	6.6	69
3	RNA dimerization plays a role in ribosomal frameshifting of the SARS coronavirus. <i>Nucleic Acids Research</i> , 2013, 41, 2594-2608.	14.5	56
4	The Structure of the Biofilm-controlling Response Regulator BfmR from <i>Acinetobacter baumannii</i> Reveals Details of Its DNA-binding Mechanism. <i>Journal of Molecular Biology</i> , 2018, 430, 806-821.	4.2	47
5	Structure-based design of N-substituted 1-hydroxy-4-sulfamoyl-2-naphthoates as selective inhibitors of the Mcl-1 oncoprotein. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 273-292.	5.5	42
6	CNPY2 is a key initiator of the PERK-CHOP pathway of the unfolded protein response. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 834-839.	8.2	42
7	Mitochondrial protein import is regulated by p17/PERMIT to mediate lipid metabolism and cellular stress. <i>Science Advances</i> , 2019, 5, eaax1978.	10.3	39
8	The Core Microprocessor Component DiGeorge Syndrome Critical Region 8 (DGCR8) Is a Nonspecific RNA-binding Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 26785-26799.	3.4	36
9	Structure-based design of 3-carboxy-substituted 1,2,3,4-tetrahydroquinolines as inhibitors of myeloid cell leukemia-1 (Mcl-1). <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5505-5510.	2.8	34
10	The NMR-based characterization of the FTY720-SET complex reveals an alternative mechanism for the attenuation of the inhibitory SET-PP2A interaction. <i>FASEB Journal</i> , 2019, 33, 7647-7666.	0.5	30
11	Balance between senescence and apoptosis is regulated by telomere damage-induced association between p16 and caspase-3. <i>Journal of Biological Chemistry</i> , 2018, 293, 9784-9800.	3.4	28
12	Structural Re-engineering of the α -Helix Mimetic JY1106 into Small Molecules: Disruption of the Mcl-1-Bak1-BH3 Protein-Protein Interaction with 2,6-Disubstituted Nicotinates. <i>ChemMedChem</i> , 2016, 11, 827-833.	3.1	25
13	Structure of the cell-binding component of the <i>Clostridium difficile</i> binary toxin reveals a di-heptamer macromolecular assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1049-1058.	7.1	23
14	Crystal structure of the human heterogeneous ribonucleoprotein A18 RNA-recognition motif. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017, 73, 209-214.	0.8	14
15	¹ H, ¹³ C, and ¹⁵ N resonance assignments of an enzymatically active domain from the catalytic component (CDT _a , residues 216-420) of a binary toxin from <i>Clostridium difficile</i> . <i>Biomolecular NMR Assignments</i> , 2016, 10, 213-217.	0.8	4
16	¹ HN, ¹³ C, and ¹⁵ N resonance assignments of the CDT _b -interacting domain (CDT _a BID) from the <i>Clostridium difficile</i> binary toxin catalytic component (CDT _a , residues 1-221). <i>Biomolecular NMR Assignments</i> , 2016, 10, 335-339.	0.8	3
17	Backbone ¹ HN, ¹³ C, and ¹⁵ N resonance assignments of the tandem RNA-binding domains of human DGCR8. <i>Biomolecular NMR Assignments</i> , 2013, 7, 183-186.	0.8	2
18	¹ HN, ¹³ C, and ¹⁵ N backbone resonance assignments of the human DNA ligase 3 DNA-binding domain (residues 257-477). <i>Biomolecular NMR Assignments</i> , 2019, 13, 305-308.	0.8	1

#	ARTICLE	IF	CITATIONS
19	1H, 13C, and 15N backbone resonance assignments of the SET/TAF-1 ^Δ /I2PP2A oncoprotein (residues) Tj ETQq1	1.0784314	1 rgBT /Ove
20	1H, 13C, and 15N resonance assignments of N-acetylmuramyl-l-alanine amidase (AmiC) N-terminal domain (NTD) from <i>Neisseria gonorrhoeae</i> . <i>Biomolecular NMR Assignments</i> , 2019, 13, 63-66.	0.8	0