

# Andras Boeszoermenyi

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,411  
citations

430874

18  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2566  
citing authors

#	ARTICLE	IF	CITATIONS
1	The fission yeast FLCN/FNIP complex augments TORC1 repression or activation in response to amino acid (AA) availability. <i>IScience</i> , 2021, 24, 103338.	4.1	1
2	The precious fluorine on the ring: fluorine NMR for biological systems. <i>Journal of Biomolecular NMR</i> , 2020, 74, 365-379.	2.8	31
3	An open-source drug discovery platform enables ultra-large virtual screens. <i>Nature</i> , 2020, 580, 663-668.	27.8	345
4	The structural determinants of PH domain-mediated regulation of Akt revealed by segmental labeling. <i>ELife</i> , 2020, 9, .	6.0	41
5	Aromatic <sup>19</sup> F- <sup>13</sup> C TROSY: a background-free approach to probe biomolecular structure, function, and dynamics. <i>Nature Methods</i> , 2019, 16, 333-340.	19.0	82
6	<sup>15</sup> N detection harnesses the slow relaxation property of nitrogen: Delivering enhanced resolution for intrinsically disordered proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1710-E1719.	7.1	40
7	Mixed pyruvate labeling enables backbone resonance assignment of large proteins using a single experiment. <i>Nature Communications</i> , 2018, 9, 356.	12.8	13
8	Structural basis for LeishIF4E-1 modulation by an interacting protein in the human parasite <i>Leishmania major</i> . <i>Nucleic Acids Research</i> , 2018, 46, 3791-3801.	14.5	19
9	The T Cell Antigen Receptor Î± Transmembrane Domain Coordinates Triggering through Regulation of Bilayer Immersion and CD3 Subunit Associations. <i>Immunity</i> , 2018, 49, 829-841.e6.	14.3	58
10	Optimal control theory enables homonuclear decoupling without Blochâ€“Siegert shifts in NMR spectroscopy. <i>Nature Communications</i> , 2018, 9, 3014.	12.8	26
11	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N backbone chemical shift assignments of 4E-BP144â€“87 and 4E-BP144â€“87 bound to eIF4E. <i>Biomolecular NMR Assignments</i> , 2017, 11, 187-191.	0.8	1
12	Inhibiting fungal multidrug resistance by disrupting an activatorâ€“Mediator interaction. <i>Nature</i> , 2016, 530, 485-489.	27.8	120
13	Fatty Acid-binding Proteins Interact with Comparative Gene Identification-58 Linking Lipolysis with Lipid Ligand Shuttling. <i>Journal of Biological Chemistry</i> , 2015, 290, 18438-18453.	3.4	49
14	Increased resolution of aromatic cross peaks using alternate <sup>13</sup> C labeling and TROSY. <i>Journal of Biomolecular NMR</i> , 2015, 62, 291-301.	2.8	26
15	Structure of a herpesvirus nuclear egress complex subunit reveals an interaction groove that is essential for viral replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9010-9015.	7.1	52
16	CGI-58/ABHD5 is phosphorylated on Ser239 by protein kinase A: control of subcellular localization. <i>Journal of Lipid Research</i> , 2015, 56, 109-121.	4.2	60
17	Structure of a CGI-58 Motif Provides the Molecular Basis of Lipid Droplet Anchoring. <i>Journal of Biological Chemistry</i> , 2015, 290, 26361-26372.	3.4	43
18	A Peptide Derived from G0/G1 Switch Gene 2 Acts as Noncompetitive Inhibitor of Adipose Triglyceride Lipase. <i>Journal of Biological Chemistry</i> , 2014, 289, 32559-32570.	3.4	39

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19	Resonance assignments of the microtubule-binding domain of the <i>C. elegans</i> spindle and kinetochore-associated protein 1. <i>Biomolecular NMR Assignments</i> , 2014, 8, 275-278.	0.8	5
20	The structure of monoacylglycerol lipase from <i>Bacillus</i> sp. H257 reveals unexpected conservation of the cap architecture between bacterial and human enzymes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1012-1021.	2.4	40
21	The Kinetochore-Bound Ska1 Complex Tracks Depolymerizing Microtubules and Binds to Curved Protofilaments. <i>Developmental Cell</i> , 2012, 23, 968-980.	7.0	194
22	The Minimal Domain of Adipose Triglyceride Lipase (ATGL) Ranges until Leucine 254 and Can Be Activated and Inhibited by CGI-58 and GOS2, Respectively. <i>PLoS ONE</i> , 2011, 6, e26349.	2.5	76
23	Recent insights into the structure and function of comparative gene identification-58. <i>Current Opinion in Lipidology</i> , 2011, 22, 149-158.	2.7	36
24	The Genetic Codeâ€™More Than Just a Table. <i>Cell Biochemistry and Biophysics</i> , 2009, 55, 107-116.	1.8	14