

Aaron John Balana

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

351
citations

1163117
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docs citations

12
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Synuclein O-GlcNAcylation alters aggregation and toxicity, revealing certain residues as potential inhibitors of Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1511-1519.	7.1	156
2	O-GlcNAc modification of small heat shock proteins enhances their anti-amyloid chaperone activity. Nature Chemistry, 2021, 13, 441-450.	13.6	54
3	O-GlcNAc Engineering of GPCR Peptide-Agonists Improves Their Stability and in Vivo Activity. Journal of the American Chemical Society, 2019, 141, 14210-14219.	13.7	35
4	Mechanistic roles for altered O-GlcNAcylation in neurodegenerative disorders. Biochemical Journal, 2021, 478, 2733-2758.	3.7	28
5	Comparison of N-Acetyl-Glucosamine to Other Monosaccharides Reveals Structural Differences for the Inhibition of Î±-Synuclein Aggregation. ACS Chemical Biology, 2021, 16, 14-19.	3.4	22
6	Ubiquitination Can Change the Structure of the Î±-Synuclein Amyloid Fiber in a Site Selective Fashion. Journal of Organic Chemistry, 2020, 85, 1548-1555.	3.2	17
7	O-GlcNAcylation of High Mobility Group Box 1 (HMGB1) Alters Its DNA Binding and DNA Damage Processing Activities. Journal of the American Chemical Society, 2021, 143, 16030-16040.	13.7	14
8	Consequences of post-translational modifications on amyloid proteins as revealed by protein semisynthesis. Current Opinion in Chemical Biology, 2021, 64, 76-89.	6.1	9
9	Multifaceted Regulation of Akt by Diverse C-Terminal Post-translational Modifications. ACS Chemical Biology, 2022, 17, 68-76.	3.4	7
10	O-GlcNAcylated peptides and proteins for structural and functional studies. Current Opinion in Structural Biology, 2021, 68, 84-93.	5.7	6
11	Generation of Potent and Stable GLP-1 Analogues Via Serine Ligation. ACS Chemical Biology, 2022, 17, 804-809.	3.4	1