Kyle W Anderson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3740192/publications.pdf

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22	460	687363 13	713466 21
papers	citations	h-index	g-index

22	22	22	784
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantification of Histone Deacetylase Isoforms in Human Frontal Cortex, Human Retina, and Mouse Brain. PLoS ONE, 2015, 10, e0126592.	2.5	54
2	Interlaboratory Comparison of Hydrogenâ€“Deuterium Exchange Mass Spectrometry Measurements of the Fab Fragment of NISTmAb. Analytical Chemistry, 2019, 91, 7336-7345.	6.5	44
3	Mapping of the Allosteric Site in Cholesterol Hydroxylase CYP46A1 for Efavirenz, a Drug That Stimulates Enzyme Activity. Journal of Biological Chemistry, 2016, 291, 11876-11886.	3.4	43
4	Histone post-translational modifications in frontal cortex from human donors with Alzheimerâ€™s disease. Clinical Proteomics, 2015, 12, 26.	2.1	36
5	In vitro cytochrome P450 46A1 (CYP46A1) activation by neuroactive compounds. Journal of Biological Chemistry, 2017, 292, 12934-12946.	3.4	35
6	Natural Flanking Sequences for Peptides Included in a Quantification Concatamer Internal Standard. Analytical Chemistry, 2015, 87, 1097-1102.	6.5	30
7	Subsecond Absolute Quantitation of Amine Metabolites Using Isobaric Tags for Discovery of Pathway Activation in Mammalian Cells. Analytical Chemistry, 2012, 84, 2892-2899.	6.5	27
8	Transcriptional and post-translational changes in the brain of mice deficient in cholesterol removal mediated by cytochrome P450 46A1 (CYP46A1). PLoS ONE, 2017, 12, e0187168.	2.5	27
9	Cytochrome P450 27A1 Deficiency and Regional Differences in Brain Sterol Metabolism Cause Preferential Cholestanol Accumulation in the Cerebellum. Journal of Biological Chemistry, 2017, 292, 4913-4924.	3.4	26
10	Histone H3 Ser57 and Thr58 phosphorylation in the brain of 5XFAD mice. FEBS Open Bio, 2015, 5, 550-556.	2.3	25
11	Quantification of Borrelia burgdorferi Membrane Proteins in Human Serum: A New Concept for Detection of Bacterial Infection. Analytical Chemistry, 2015, 87, 11383-11388.	6.5	20
12	Assessment of Extracellular Vesicles Purity Using Proteomic Standards. Analytical Chemistry, 2017, 89, 11070-11075.	6.5	20
13	Automated Removal of Phospholipids from Membrane Proteins for H/D Exchange Mass Spectrometry Workflows. Analytical Chemistry, 2018, 90, 6409-6412.	6.5	16
14	A new approach to quantification of mAb aggregates using peptide affinity probes. Scientific Reports, 2017, 7, 42497.	3.3	9
15	Copper-binding anticancer peptides from the piscidin family: an expanded mechanism that encompasses physical and chemical bilayer disruption. Scientific Reports, 2021, 11, 12620.	3.3	9
16	Chromatography at â^'30 Â°C for Reduced Back-Exchange, Reduced Carryover, and Improved Dynamic Range for Hydrogenâ€“Deuterium Exchange Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 0, , .	2.8	9
17	Conformational gating, dynamics and allostery in human monoacylglycerol lipase. Scientific Reports, 2020, 10, 18531.	3.3	8
18	HDX-MS and MD Simulations Provide Evidence for Stabilization of the IgG1â€“FcÎ³RIa (CD64a) Immune Complex Through Intermolecular Glycoprotein Bonds. Journal of Molecular Biology, 2022, 434, 167391.	4.2	7

#	Article	IF	Citations
19	Conformational Changes in Active and Inactive States of Human PP2CÎ± Characterized by Hydrogen/Deuterium Exchangeâ€“Mass Spectrometry. Biochemistry, 2017, 56, 2676-2689.	2.5	6
20	Interlaboratory Studies Using the NISTmAb to Advance Biopharmaceutical Structural Analytics. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	5
21	Hydrogen-Deuterium Exchange Mass Spectrometry (HDX-MS) Centroid Data Measured between 3.6 Â°C and 25.4 Â°C for the Fab Fragment of NISTmAb. Journal of Research of the National Institute of Standards and Technology, 2019, 124, 1-7.	1.2	3
22	Dataset from HDX-MS Studies of IgG1 Glycoforms and Their Interactions with the FcÎ³RIa (CD64) Receptor. Journal of Research of the National Institute of Standards and Technology, 2021, 126, .	1.2	1