

# Kyle W Anderson

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

460  
citations

687363

13  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

784  
citing authors

#	ARTICLE	IF	CITATIONS
1	HDX-MS and MD Simulations Provide Evidence for Stabilization of the IgG1â€”FcÎ³R1a (CD64a) Immune Complex Through Intermolecular Glycoprotein Bonds. <i>Journal of Molecular Biology</i> , 2022, 434, 167391.	4.2	7
2	Interlaboratory Studies Using the NISTmAb to Advance Biopharmaceutical Structural Analytics. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	3.5	5
3	Dataset from HDX-MS Studies of IgG1 Glycoforms and Their Interactions with the FcÎ³R1a (CD64) Receptor. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2021, 126, .	1.2	1
4	Copper-binding anticancer peptides from the piscidin family: an expanded mechanism that encompasses physical and chemical bilayer disruption. <i>Scientific Reports</i> , 2021, 11, 12620.	3.3	9
5	Conformational gating, dynamics and allostery in human monoacylglycerol lipase. <i>Scientific Reports</i> , 2020, 10, 18531.	3.3	8
6	Hydrogen-Deuterium Exchange Mass Spectrometry (HDX-MS) Centroid Data Measured between 3.6 Å°C and 25.4 Å°C for the Fab Fragment of NISTmAb. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2019, 124, 1-7.	1.2	3
7	Interlaboratory Comparison of Hydrogenâ€”Deuterium Exchange Mass Spectrometry Measurements of the Fab Fragment of NISTmAb. <i>Analytical Chemistry</i> , 2019, 91, 7336-7345.	6.5	44
8	Automated Removal of Phospholipids from Membrane Proteins for H/D Exchange Mass Spectrometry Workflows. <i>Analytical Chemistry</i> , 2018, 90, 6409-6412.	6.5	16
9	Cytochrome P450 27A1 Deficiency and Regional Differences in Brain Sterol Metabolism Cause Preferential Cholesterol Accumulation in the Cerebellum. <i>Journal of Biological Chemistry</i> , 2017, 292, 4913-4924.	3.4	26
10	Conformational Changes in Active and Inactive States of Human PP2CÎ± Characterized by Hydrogen/Deuterium Exchangeâ€”Mass Spectrometry. <i>Biochemistry</i> , 2017, 56, 2676-2689.	2.5	6
11	A new approach to quantification of mAb aggregates using peptide affinity probes. <i>Scientific Reports</i> , 2017, 7, 42497.	3.3	9
12	Assessment of Extracellular Vesicles Purity Using Proteomic Standards. <i>Analytical Chemistry</i> , 2017, 89, 11070-11075.	6.5	20
13	In vitro cytochrome P450 46A1 (CYP46A1) activation by neuroactive compounds. <i>Journal of Biological Chemistry</i> , 2017, 292, 12934-12946.	3.4	35
14	Transcriptional and post-translational changes in the brain of mice deficient in cholesterol removal mediated by cytochrome P450 46A1 (CYP46A1). <i>PLoS ONE</i> , 2017, 12, e0187168.	2.5	27
15	Mapping of the Allosteric Site in Cholesterol Hydroxylase CYP46A1 for Efavirenz, a Drug That Stimulates Enzyme Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 11876-11886.	3.4	43
16	Histone post-translational modifications in frontal cortex from human donors with Alzheimerâ€™s disease. <i>Clinical Proteomics</i> , 2015, 12, 26.	2.1	36
17	Quantification of Histone Deacetylase Isoforms in Human Frontal Cortex, Human Retina, and Mouse Brain. <i>PLoS ONE</i> , 2015, 10, e0126592.	2.5	54
18	Natural Flanking Sequences for Peptides Included in a Quantification Concatamer Internal Standard. <i>Analytical Chemistry</i> , 2015, 87, 1097-1102.	6.5	30

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19	Quantification of <i>Borrelia burgdorferi</i> Membrane Proteins in Human Serum: A New Concept for Detection of Bacterial Infection. <i>Analytical Chemistry</i> , 2015, 87, 11383-11388.	6.5	20
20	Histone H3 Ser57 and Thr58 phosphorylation in the brain of 5XFAD mice. <i>FEBS Open Bio</i> , 2015, 5, 550-556.	2.3	25
21	Subsecond Absolute Quantitation of Amine Metabolites Using Isobaric Tags for Discovery of Pathway Activation in Mammalian Cells. <i>Analytical Chemistry</i> , 2012, 84, 2892-2899.	6.5	27
22	Chromatography at 30 °C for Reduced Back-Exchange, Reduced Carryover, and Improved Dynamic Range for Hydrogen-Deuterium Exchange Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 0, .	2.8	9