

Alexander Gätz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7867635/publications.pdf>

Version: 2024-02-01

11
papers

316
citations

1039880

9
h-index

1281743

11
g-index

17
all docs

17
docs citations

17
times ranked

685
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of denaturation and aggregation of Î²-lactoglobulin on its tryptic hydrolysis and the release of functional peptides. <i>Food Chemistry</i> , 2015, 187, 545-554.	4.2	56
2	Physico-chemical, thermal and rheological properties of starches isolated from newly released rice cultivars grown in Indian temperate climates. <i>LWT - Food Science and Technology</i> , 2013, 53, 176-183.	2.5	53
3	Glycine Perturbs Local and Global Conformational Flexibility of a Transmembrane Helix. <i>Biochemistry</i> , 2018, 57, 1326-1337.	1.2	41
4	Modulating Hinge Flexibility in the APP Transmembrane Domain Alters Î³-Secretase Cleavage. <i>Biophysical Journal</i> , 2019, 116, 2103-2120.	0.2	34
5	Side-Chain to Main-Chain Hydrogen Bonding Controls the Intrinsic Backbone Dynamics of the Amyloid Precursor Protein Transmembrane Helix. <i>Biophysical Journal</i> , 2014, 106, 1318-1326.	0.2	33
6	The Cleavage Domain of the Amyloid Precursor Protein Transmembrane Helix Does Not Exhibit Above-Average Backbone Dynamics. <i>ChemBioChem</i> , 2013, 14, 1943-1948.	1.3	22
7	Increased H-Bond Stability Relates to Altered Îµ-Cleavage Efficiency and AÎ² Levels in the I45T Familial Alzheimer's Disease Mutant of APP. <i>Scientific Reports</i> , 2019, 9, 5321.	1.6	20
8	The dynamics of Î³-secretase and its substrates. <i>Seminars in Cell and Developmental Biology</i> , 2020, 105, 86-101.	2.3	19
9	Non-canonical Shedding of TNFÎ± by SPPL2a Is Determined by the Conformational Flexibility of Its Transmembrane Helix. <i>IScience</i> , 2020, 23, 101775.	1.9	14
10	Dissecting conformational changes in APP's transmembrane domain linked to Îµ-efficiency in familial Alzheimer's disease. <i>PLoS ONE</i> , 2018, 13, e0200077.	1.1	13
11	Impacts of Refining and Antioxidants on the Physico-Chemical Characteristics and Oxidative Stability of Watermelon Seed Oil. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 1423-1430.	0.8	7