Alexander GÃ¶tz

List of Publications by Year
in descending order

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