

Yi-Cheng Chen Chen

List of Publications by Year in descending order

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17
docs citations

17
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antimicrobial Activity of Gramicidin A Is Associated with Hydroxyl Radical Formation. PLoS ONE, 2015, 10, e0117065.	2.5	50
2	Anti-arrhythmic Medication Propafenone a Potential Drug for Alzheimer's Disease Inhibiting Aggregation of A β : In Silico and in Vitro Studies. Journal of Chemical Information and Modeling, 2016, 56, 1344-1356.	5.4	41
3	In silico and in vitro characterization of anti-amyloidogenic activity of vitamin K3 analogues for Alzheimer's disease. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2960-2969.	2.4	38
4	An engineered arginine-rich α -helical antimicrobial peptide exhibits broad-spectrum bactericidal activity against pathogenic bacteria and reduces bacterial infections in mice. Scientific Reports, 2018, 8, 14602.	3.3	38
5	Molecular Mechanism of Vitamin K2 Protection against Amyloid- β -Induced Cytotoxicity. Biomolecules, 2021, 11, 423.	4.0	26
6	Nanosopic analysis on pH induced morphological changes of flagella in Escherichia coli. Journal of Microbiology, Immunology and Infection, 2013, 46, 405-412.	3.1	13
7	A β ²⁴¹ Aggregates More Like A β ²⁴⁰ than Like A β ²⁴² : In Silico and in Vitro Study. Journal of Physical Chemistry B, 2016, 120, 7371-7379.	2.6	13
8	Effect of C-Terminal Residues of A β on Copper Binding Affinity, Structural Conversion and Aggregation. PLoS ONE, 2014, 9, e90385.	2.5	11
9	Impact of a discordant helix on β -amyloid structure, aggregation ability and toxicity. European Biophysics Journal, 2017, 46, 681-687.	2.2	9
10	L17A/F19A Substitutions Augment the α -Helicity of β -Amyloid Peptide Discordant Segment. PLoS ONE, 2016, 11, e0154327.	2.5	8
11	Associations of Common Genetic Variants on IL-17 Genes and Carotid Intima-Media Thickness. Journal of Atherosclerosis and Thrombosis, 2018, 25, 1156-1167.	2.0	8
12	Effect of Alanine Replacement of L17 and F19 on the Aggregation and Neurotoxicity of Arctic-Type A β ²⁴⁰ . PLoS ONE, 2013, 8, e61874.	2.5	7
13	The Arctic mutation accelerates A β ² aggregation in SDS through reducing the helical propensity of residues 15-25. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2015, 22, 8-18.	3.0	7
14	G37V mutation of A β ²⁴² induces a nontoxic ellipse-like aggregate: An in vitro and in silico study. Neurochemistry International, 2019, 129, 104512.	3.8	3
15	Associations of lipid-related genetic markers with elevated carotid intima-media thickness in middle-age adults and elders. International Journal of Cardiology, 2015, 189, 264-266.	1.7	2
16	The Effect of Calcium and Halide Ions on the Gramicidin A Molecular State and Antimicrobial Activity. International Journal of Molecular Sciences, 2020, 21, 6177.	4.1	2
17	Nanosized Particles Assembled by a Recombinant Virus Protein Are Able to Encapsulate Negatively Charged Molecules and Structured RNA. Polymers, 2021, 13, 858.	4.5	1