

Moran Frenkel-Pinter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1069833/publications.pdf>

Version: 2024-02-01

21
papers

849
citations

516710

16
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Oligomerization of Alpha versus Beta Amino Acids and Hydroxy Acids in Abiotic Proto-Peptide Synthesis Reactions. <i>Life</i> , 2022, 12, 265.	2.4	4
2	Adaptation and Exaptation: From Small Molecules to Feathers. <i>Journal of Molecular Evolution</i> , 2022, 90, 166-175.	1.8	12
3	Thioesters provide a plausible prebiotic path to proto-peptides. <i>Nature Communications</i> , 2022, 13, 2569.	12.8	24
4	Water-Based Dynamic Dipeptide Chemistry: Building Block Recycling and Oligomer Distribution Control Using Hydration/Dehydration Cycles. <i>JACS</i> , 2022, 144, 1395-1404.	7.9	6
5	Differential effects of putative N-glycosylation sites in human Tau on Alzheimer's disease-related neurodegeneration. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2231-2245.	5.4	28
6	Transition metals enhance prebiotic dipeptide oligomerization reactions involving histidine. <i>RSC Advances</i> , 2021, 11, 3534-3538.	3.6	17
7	Water and Life: The Medium is the Message. <i>Journal of Molecular Evolution</i> , 2021, 89, 2-11.	1.8	29
8	The pH dependent mechanisms of non-enzymatic peptide bond cleavage reactions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 107-113.	2.8	17
9	Cutting in-line with iron: ribosomal function and non-oxidative RNA cleavage. <i>Nucleic Acids Research</i> , 2020, 48, 8663-8674.	14.5	18
10	Tryptophan-galactosylamine conjugates inhibit and disaggregate amyloid fibrils of A β 242 and hIAPP peptides while reducing their toxicity. <i>Communications Biology</i> , 2020, 3, 484.	4.4	27
11	Root of the Tree: The Significance, Evolution, and Origins of the Ribosome. <i>Chemical Reviews</i> , 2020, 120, 4848-4878.	47.7	116
12	Mutually stabilizing interactions between proto-peptides and RNA. <i>Nature Communications</i> , 2020, 11, 3137.	12.8	61
13	Prebiotic Peptides: Molecular Hubs in the Origin of Life. <i>Chemical Reviews</i> , 2020, 120, 4707-4765.	47.7	189
14	Selective incorporation of proteinaceous over nonproteinaceous cationic amino acids in model prebiotic oligomerization reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16338-16346.	7.1	81
15	Novel model of secreted human tau protein reveals the impact of the abnormal N-glycosylation of tau on its aggregation propensity. <i>Scientific Reports</i> , 2019, 9, 2254.	3.3	26
16	Distinct Effects of O-GlcNAcylation and Phosphorylation of a Tau-Derived Amyloid Peptide on Aggregation of the Native Peptide. <i>Chemistry - A European Journal</i> , 2018, 24, 14039-14043.	3.3	7
17	Altered protein glycosylation predicts Alzheimer's disease and modulates its pathology in disease model <i>Drosophila</i> . <i>Neurobiology of Aging</i> , 2017, 56, 159-171.	3.1	18
18	Inhibition of the Aggregation and Toxicity of the Minimal Amyloidogenic Fragment of Tau by Its Proximal Substituted Analogues. <i>Chemistry - A European Journal</i> , 2017, 23, 9618-9624.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Interplay between protein glycosylation pathways in Alzheimer's disease. <i>Science Advances</i> , 2017, 3, e1601576.	10.3	85
20	Cl-NQTrp Alleviates Tauopathy Symptoms in a Model Organism through the Inhibition of Tau Aggregation-Engendered Toxicity. <i>Neurodegenerative Diseases</i> , 2017, 17, 73-82.	1.4	24
21	Selective Inhibition of Aggregation and Toxicity of a Tau-Derived Peptide using Its Glycosylated Analogues. <i>Chemistry - A European Journal</i> , 2016, 22, 5945-5952.	3.3	37