Moran Frenkel-Pinter

List of Publications by Year
in descending order

21	849	516710 16	713466 21
papers	citations	h-index	g-index

25	25	25	1151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prebiotic Peptides: Molecular Hubs in the Origin of Life. Chemical Reviews, 2020, 120, 4707-4765.	47.7	189
2	Root of the Tree: The Significance, Evolution, and Origins of the Ribosome. Chemical Reviews, 2020, 120, 4848-4878.	47.7	116
3	Interplay between protein glycosylation pathways in Alzheimerâ€™s disease. Science Advances, 2017, 3, e1601576.	10.3	85
4	Selective incorporation of proteinaceous over nonproteinaceous cationic amino acids in model prebiotic oligomerization reactions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16338-16346.	7.1	81
5	Mutually stabilizing interactions between proto-peptides and RNA. Nature Communications, 2020, 11, 3137.	12.8	61
6	Selective Inhibition of Aggregation and Toxicity of a Tauâ€Derived Peptide using Its Glycosylated Analogues. Chemistry - A European Journal, 2016, 22, 5945-5952.	3.3	37
7	Water and Life: The Medium is the Message. Journal of Molecular Evolution, 2021, 89, 2-11.	1.8	29
8	Differential effects of putative N-glycosylation sites in human Tau on Alzheimerâ€™s disease-related neurodegeneration. Cellular and Molecular Life Sciences, 2021, 78, 2231-2245.	5.4	28
9	Tryptophan-galactosylamine conjugates inhibit and disaggregate amyloid fibrils of AÎ²42 and hIAPP peptides while reducing their toxicity. Communications Biology, 2020, 3, 484.	4.4	27
10	Novel model of secreted human tau protein reveals the impact of the abnormal N-glycosylation of tau on its aggregation propensity. Scientific Reports, 2019, 9, 2254.	3.3	26
11	Cl-NQTrp Alleviates Tauopathy Symptoms in a Model Organism through the Inhibition of Tau Aggregation-Engendered Toxicity. Neurodegenerative Diseases, 2017, 17, 73-82.	1.4	24
12	Thioesters provide a plausible prebiotic path to proto-peptides. Nature Communications, 2022, 13, 2569.	12.8	24
13	Inhibition of the Aggregation and Toxicity of the Minimal Amyloidogenic Fragment of Tau by Its Proâ€Substituted Analogues. Chemistry - A European Journal, 2017, 23, 9618-9624.	3.3	23
14	Altered protein glycosylation predicts Alzheimer's disease and modulates its pathology in disease model Drosophila. Neurobiology of Aging, 2017, 56, 159-171.	3.1	18
15	Cutting in-line with iron: ribosomal function and non-oxidative RNA cleavage. Nucleic Acids Research, 2020, 48, 8663-8674.	14.5	18
16	The pH dependent mechanisms of non-enzymatic peptide bond cleavage reactions. Physical Chemistry Chemical Physics, 2020, 22, 107-113.	2.8	17
17	Transition metals enhance prebiotic depsipeptide oligomerization reactions involving histidine. RSC Advances, 2021, 11, 3534-3538.	3.6	17
18	Adaptation and Exaptation: From Small Molecules to Feathers. Journal of Molecular Evolution, 2022, 90, 166-175.	1.8	12

#	Article	IF	Citations
19	Distinct Effects of Oâ€GlcNAcylation and Phosphorylation of a Tauâ€Derived Amyloid Peptide on Aggregation of the Native Peptide. Chemistry - A European Journal, 2018, 24, 14039-14043.	3.3	7
20	Water-Based Dynamic Depsipeptide Chemistry: Building Block Recycling and Oligomer Distribution Control Using Hydrationâ€“Dehydration Cycles. Jacs Au, 2022, 2, 1395-1404.	7.9	6
21	Differential Oligomerization of Alpha versus Beta Amino Acids and Hydroxy Acids in Abiotic Proto-Peptide Synthesis Reactions. Life, 2022, 12, 265.	2.4	4