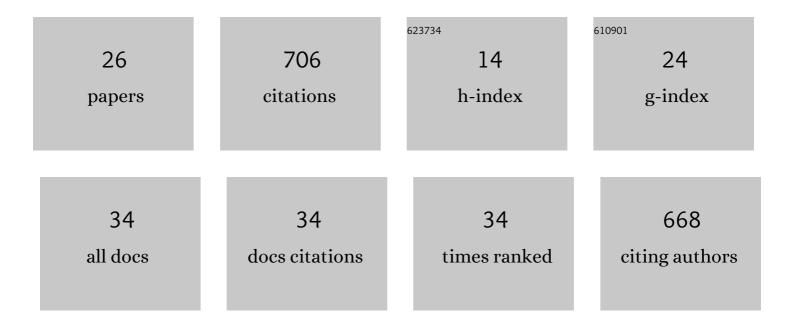
## Loren Dean Williams

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5848830/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Adaptation and Exaptation: From Small Molecules to Feathers. Journal of Molecular Evolution, 2022, 90, 166-175.	1.8	12
2	Thioesters provide a plausible prebiotic path to proto-peptides. Nature Communications, 2022, 13, 2569.	12.8	24
3	Water-Based Dynamic Depsipeptide Chemistry: Building Block Recycling and Oligomer Distribution Control Using Hydration–Dehydration Cycles. Jacs Au, 2022, 2, 1395-1404.	7.9	6
4	Transition metals enhance prebiotic depsipeptide oligomerization reactions involving histidine. RSC Advances, 2021, 11, 3534-3538.	3.6	17
5	ProteoVision: web server for advanced visualization of ribosomal proteins. Nucleic Acids Research, 2021, 49, W578-W588.	14.5	10
6	R2DT is a framework for predicting and visualising RNA secondary structure using templates. Nature Communications, 2021, 12, 3494.	12.8	58
7	Fold Evolution before LUCA: Common Ancestry of SH3 Domains and OB Domains. Molecular Biology and Evolution, 2021, 38, 5134-5143.	8.9	17
8	Water and Life: The Medium is the Message. Journal of Molecular Evolution, 2021, 89, 2-11.	1.8	29
9	TwinCons: Conservation score for uncovering deep sequence similarity and divergence. PLoS Computational Biology, 2021, 17, e1009541.	3.2	8
10	Cutting in-line with iron: ribosomal function and non-oxidative RNA cleavage. Nucleic Acids Research, 2020, 48, 8663-8674.	14.5	18
11	Supersized Ribosomal RNA Expansion Segments in Asgard Archaea. Genome Biology and Evolution, 2020, 12, 1694-1710.	2.5	24
12	Human ribosomal G-quadruplexes regulate heme bioavailability. Journal of Biological Chemistry, 2020, 295, 14855-14865.	3.4	32
13	Root of the Tree: The Significance, Evolution, and Origins of the Ribosome. Chemical Reviews, 2020, 120, 4848-4878.	47.7	116
14	Mutually stabilizing interactions between proto-peptides and RNA. Nature Communications, 2020, 11, 3137.	12.8	61
15	Proteotoxic stress promotes entrapment of ribosomes and misfolded proteins in a shared cytosolic compartment. Nucleic Acids Research, 2020, 48, 3888-3905.	14.5	6
16	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
17	Profusion of G-quadruplexes on both subunits of metazoan ribosomes. PLoS ONE, 2019, 14, e0226177.	2.5	19
18	Profusion of G-quadruplexes on both subunits of metazoan ribosomes. , 2019, 14, e0226177.		0

Profusion of G-quadruplexes on both subunits of metazoan ribosomes. , 2019, 14, e0226177. 18

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#	Article	IF	CITATIONS
19	Profusion of G-quadruplexes on both subunits of metazoan ribosomes. , 2019, 14, e0226177.		0
20	Multiple prebiotic metals mediate translation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12164-12169.	7.1	48
21	Folding, Assembly, and Persistence: The Essential Nature and Origins of Biopolymers. Journal of Molecular Evolution, 2018, 86, 598-610.	1.8	44
22	Circular Permutation Obscures Universality of a Ribosomal Protein. Journal of Molecular Evolution, 2018, 86, 581-592.	1.8	8
23	RNA: packaged and protected by VLPs. RSC Advances, 2018, 8, 21399-21406.	3.6	15
24	Eukaryotic Ribosomal Expansion Segments as Antimicrobial Targets. Biochemistry, 2017, 56, 5288-5299.	2.5	12
25	Protein-free ribosomal RNA folds to a near-native state in the presence of Mg <sup>2+</sup> . RSC Advances, 2017, 7, 54674-54681.	3.6	10
26	The Ancient Heart of the Ribosomal Large Subunit: A Response to Caetano-Anolles. Journal of Molecular Evolution, 2015, 80, 166-170.	1.8	18