Isaac GÃ¡llego

List of Publications by Year in descending order

12	544	759233 12	1125743 13
papers	citations	h-index	g-index

16	16	16	789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient Self-Assembly in Water of Long Noncovalent Polymers by Nucleobase Analogues. Journal of the American Chemical Society, 2013, 135, 2447-2450.	13.7	143
2	Spontaneous Prebiotic Formation of a Î²-Ribofuranoside That Self-Assembles with a Complementary Heterocycle. Journal of the American Chemical Society, 2014, 136, 5640-5646.	13.7	82
3	A viscous solvent enables information transfer from gene-length nucleic acids in a model prebiotic replication cycle. Nature Chemistry, 2017, 9, 318-324.	13.6	68
4	Folding and Imaging of DNA Nanostructures in Anhydrous and Hydrated Deepâ€Eutectic Solvents. Angewandte Chemie - International Edition, 2015, 54, 6765-6769.	13.8	65
5	DNA Origami as a DNA Repair Nanosensor at the Singleâ€Molecule Level. Angewandte Chemie - International Edition, 2013, 52, 7747-7750.	13.8	54
6	Structural elements of bulk chromatin within metaphase chromosomes. Chromosome Research, 2005, 13, 725-743.	2.2	27
7	Solvent viscosity facilitates replication and ribozyme catalysis from an RNA duplex in a model prebiotic process. Nucleic Acids Research, 2019, 47, 6569-6577.	14.5	22
8	DNAâ€Origamiâ€Driven Lithography for Patterning on Gold Surfaces with Subâ€10 nm Resolution. Advanced Materials, 2017, 29, 1603233.	21.0	21
9	Dense chromatin plates in metaphase chromosomes. European Biophysics Journal, 2009, 38, 503-522.	2.2	20
10	Nanotribology Results Show that DNA Forms a Mechanically Resistant 2D Network in Metaphase Chromatin Plates. Biophysical Journal, 2010, 99, 3951-3958.	0.5	13
11	Titelbild: Folding and Imaging of DNA Nanostructures in Anhydrous and Hydrated Deep-Eutectic Solvents (Angew. Chem. 23/2015). Angewandte Chemie, 2015, 127, 6753-6753.	2.0	0
12	Template-Directed Replication of Nucleic Acids Mediated by Viscous Environments. Nucleic Acids and Molecular Biology, 2018, , 199-225.	0.2	0