

Gregory

List of Publications by Year in descending order

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9
papers

252
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid crystal self-assembly of random-sequence DNA oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1110-1115.	7.1	69
2	Liquid Crystal Ordering and Isotropic Gelation in Solutions of Four-Base-Long DNA Oligomers. ACS Nano, 2016, 10, 8508-8516.	14.6	48
3	Abiotic ligation of DNA oligomers templated by their liquid crystal ordering. Nature Communications, 2015, 6, 6424.	12.8	42
4	Backbone-free duplex-stacked monomer nucleic acids exhibiting Watson-Crick selectivity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7658-E7664.	7.1	42
5	Alignment of the columnar liquid crystal phase of nano-DNA by confinement in channels. Liquid Crystals, 2012, 39, 571-577.	2.2	20
6	Liquid Crystal Ordering of Four-Base-Long DNA Oligomers with Both G-C and A-T Pairing. Crystals, 2018, 8, 5.	2.2	11
7	Mono- and bilayer smectic liquid crystal ordering in dense solutions of gapped-DNA duplexes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
8	Liquid Crystal ordering of DNA Dickerson Dodecamer duplexes with different 5'-Phosphate terminations. Molecular Crystals and Liquid Crystals, 2019, 683, 69-80.	0.9	4
9	Pairing statistics and melting of random DNA oligomers: Finding your partner in superdiverse environments. PLoS Computational Biology, 2022, 18, e1010051.	3.2	3