Lea Spindler

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	390 citations	10 h-index	19 g-index
26 ext. papers	422 ext. citations	4.8 avg, IF	2.96 L-index

#	Paper	IF	Citations
23	Understanding self-assembly at molecular level enables controlled design of DNA G-wires of different properties.. *Nature Communications*, **2022**, 13, 1062	17.4	2
22	Supramolecular Polymorphism of (GC) Repeats Associated with ALS and FTD. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
21	GC ends control topology of DNA G-quadruplexes and their cation-dependent assembly. *Nucleic Acids Research*, **2020**, 48, 2749-2761	20.1	9
20	Molecular recognition of a lipophilic guanosine derivative in Langmuir films at the air-water interface. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 1463-1470	4	10
19	Surface-Adsorbed Long G-Quadruplex Nanowires Formed by G:C Linkages. *Langmuir*, **2016**, 32, 7056-63	4	14
18	Programmed self-assembly of a quadruplex DNA nanowire. *Chemistry - A European Journal*, **2014**, 20, 3626-30	4.8	32
17	Formation of G-Wires: The Role of G:C-Base Pairing and G-Quartet Stacking. *Journal of Physical Chemistry C*, **2013**, 117, 23208-23215	3.8	25
16	Guanosine quadruplexes in solution: a small-angle x-ray scattering analysis of temperature effects on self-assembling of deoxyguanosine monophosphate. *Journal of Nucleic Acids*, **2010**, 2010,	2.3	11
15	G-quadruplex nucleic acids. *Journal of Nucleic Acids*, **2010**, 2010,	2.3	1
14	Effect of base sequence on g-wire formation in solution. *Journal of Nucleic Acids*, **2010**, 2010,	2.3	10
13	Small angle X-ray scattering analysis of deoxyguanosine 5′-monophosphate self-assembing in solution: nucleation and growth of G-quadruplexes. *Journal of Physical Chemistry B*, **2009**, 113, 7934-44	3.4	37
12	Sum-frequency generation spectroscopy of self-assembled structures of Guanosine 5?-monophosphate on mica. *Chemical Physics Letters*, **2008**, 467, 159-163	2.5	3
11	Thin Film Morphology in Triblock Terpolymers with One and Two Crystallizable Blocks. *Macromolecules*, **2007**, 40, 5487-5496	5.5	13
10	Self-organization of guanosine 5′-monophosphate on mica. *Colloids and Surfaces B: Biointerfaces*, **2007**, 59, 120-7	6	23
9	Disodium guanosine 5′-monophosphate self-associates into nanoscale cylinders at pH 8: a combined diffusion NMR spectroscopy and dynamic light scattering study. *Journal of the American Chemical Society*, **2005**, 127, 6990-8	16.4	119
8	Melting of Self-Assembled Columnar Aggregates Formed in Aqueous Solutions of Deoxy- and Guanosine 5?-Monophosphate. *Molecular Crystals and Liquid Crystals*, **2005**, 435, 1/[661]-12/[672]	0.5	3
7	The Effect of Temperature on the Self-Assembly of Deoxyguanosine 5′-Monophosphate in Pretransitional Region of the I-Ch Phase Transition. *Molecular Crystals and Liquid Crystals*, **2004**, 409, 43-50	0.5	4

6	Dynamic light scattering and 31P NMR study of the self-assembly of deoxyguanosine 5Ұmonophosphate: the effect of added salt. *European Physical Journal E*, **2004**, 13, 27-33	1.5	20
5	Effect of Added Ions on the Self-Assembly of Guanosine. *Molecular Crystals and Liquid Crystals*, **2003**, 395, 317-323	0.5	3
4	Dynamic light scattering and 31P NMR spectroscopy study of the self-assembly of deoxyguanosine 5Ұmonophosphate. *European Physical Journal E*, **2002**, 7, 95-102	1.5	3
3	Glasslike character of molecular ordering in discotic lyomesophases. *Physical Review E*, **2002**, 65, 011705	2.4	3
2	Dynamic Light Scattering in Pretransitional Region of the I Ch Phase Transition of Deoxyguanosine 5?-Monophosphate. *Molecular Crystals and Liquid Crystals*, **2001**, 367, 565-572		1
1	Dynamic light scattering in polymer-dispersed liquid crystals. *Physical Review E*, **1997**, 56, 549-553	2.4	40