

# Lea Spindler

## List of Publications by Year in descending order

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25  
papers

461  
citations

840119

11  
h-index

713013

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disodium Guanosine 5'-Monophosphate Self-Associates into Nanoscale Cylinders at pH 8: A Combined Diffusion NMR Spectroscopy and Dynamic Light Scattering Study. <i>Journal of the American Chemical Society</i> , 2005, 127, 6990-6998.	6.6	129
2	Dynamic light scattering in polymer-dispersed liquid crystals. <i>Physical Review E</i> , 1997, 56, 549-553.	0.8	44
3	Programmed Self-Assembly of a Quadruplex DNA Nanowire. <i>Chemistry - A European Journal</i> , 2014, 20, 3626-3630.	1.7	43
4	Small Angle X-ray Scattering Analysis of Deoxyguanosine 5'-Monophosphate Self-Assembling in Solution: Nucleation and Growth of G-Quadruplexes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7934-7944.	1.2	41
5	Formation of G-Wires: The Role of G:C-Base Pairing and G-Quartet Stacking. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23208-23215.	1.5	31
6	Self-organization of guanosine 5'-monophosphate on mica. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 59, 120-127.	2.5	26
7	Dynamic light scattering and <sup>31</sup> P NMR study of the self-assembly of deoxyguanosine 5'-monophosphate: the effect of added salt. <i>European Physical Journal E</i> , 2004, 13, 27-33.	0.7	21
8	GC ends control topology of DNA G-quadruplexes and their cation-dependent assembly. <i>Nucleic Acids Research</i> , 2020, 48, 2749-2761.	6.5	19
9	Surface-Adsorbed Long G-Quadruplex Nanowires Formed by G:C Linkages. <i>Langmuir</i> , 2016, 32, 7056-7063.	1.6	16
10	Thin Film Morphology in Triblock Terpolymers with One and Two Crystallizable Blocks. <i>Macromolecules</i> , 2007, 40, 5487-5496.	2.2	15
11	Guanosine Quadruplexes in Solution: A Small-Angle X-Ray Scattering Analysis of Temperature Effects on Self-Assembling of Deoxyguanosine Monophosphate. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-10.	0.8	14
12	Effect of Base Sequence on G-Wire Formation in Solution. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-8.	0.8	11
13	Molecular recognition of a lipophilic guanosine derivative in Langmuir films at the air-water interface. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1463-1470.	1.1	10
14	Understanding self-assembly at molecular level enables controlled design of DNA G-wires of different properties. <i>Nature Communications</i> , 2022, 13, 1062.	5.8	8
15	Guanine Quartets. , 2012, , .		6
16	Glasslike character of molecular ordering in discotic lyomesophases. <i>Physical Review E</i> , 2001, 65, 011705.	0.8	4
17	Dynamic light scattering and <sup>31</sup> P NMR spectroscopy study of the self-assembly of deoxyguanosine 5'-monophosphate. <i>European Physical Journal E</i> , 2002, 7, 95-102.	0.7	4
18	The Effect of Temperature on the Self-Assembly of Deoxyguanosine 5'-Monophosphate in Pretransitional Region of the I-Ch Phase Transition. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 409, 43-50.	0.4	4

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19	Effect of Added Ions on the Self-Assembly of Guanosine. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 395, 317-323.	0.4	3
20	Melting of Self-Assembled Columnar Aggregates Formed in Aqueous Solutions of Deoxy- and Guanosine 5'-Monophosphate. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 435, 1/[661]-12/[672].	0.4	3
21	Sum-frequency generation spectroscopy of self-assembled structures of Guanosine 5'-monophosphate on mica. <i>Chemical Physics Letters</i> , 2008, 467, 159-163.	1.2	3
22	Supramolecular Polymorphism of (G4C2) <sub>n</sub> Repeats Associated with ALS and FTD. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4532.	1.8	3
23	G-Quadruplex Nucleic Acids. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-2.	0.8	2
24	Dynamic Light Scattering in Pretransitional Region of the I Ch Phase Transition of Deoxyguanosine 5'-Monophosphate. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 367, 565-572.	0.3	1
25	Solution Dynamics and Structure of G-quadruplexes Studied by Dynamic Light Scattering. , 2012, , 121-134.		0