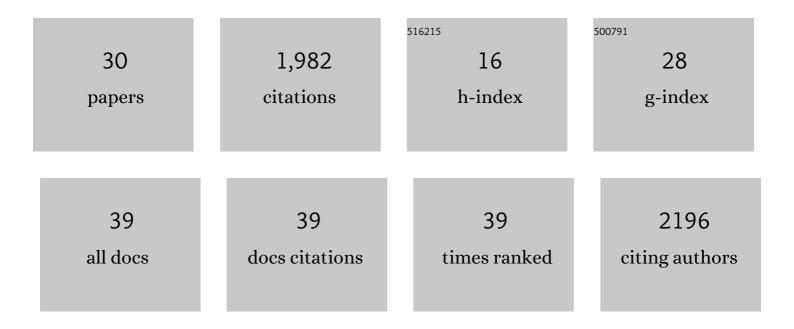
## Agnes Noy

## List of Publications by Year in descending order

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ACNES NOV

#	Article	IF	CITATIONS
1	Rolling circle RNA synthesis catalyzed by RNA. ELife, 2022, 11, .	2.8	25
2	Exploring the structural dynamics of DNA using fluorescence polarization microscopy and optical tweezers. Biophysical Journal, 2022, 121, 277a-278a.	0.2	0
3	Base-pair resolution analysis of the effect of supercoiling on DNA flexibility and major groove recognition by triplex-forming oligonucleotides. Nature Communications, 2021, 12, 1053.	5.8	73
4	Elucidating the Role of Topological Constraint on the Structure of Overstretched DNA Using Fluorescence Polarization Microscopy. Journal of Physical Chemistry B, 2021, 125, 8351-8361.	1.2	4
5	Integration host factor bends and bridges DNA in a multiplicity of binding modes with varying specificity. Nucleic Acids Research, 2021, 49, 8684-8698.	6.5	18
6	Sequence-dependent structural properties of B-DNA: what have we learned in 40Âyears?. Biophysical Reviews, 2021, 13, 995-1005.	1.5	13
7	Diversification of DNA-Binding Specificity by Permissive and Specificity-Switching Mutations in the ParB/Noc Protein Family. Cell Reports, 2020, 32, 107928.	2.9	21
8	SerraNA: a program to determine nucleic acids elasticity from simulation data. Physical Chemistry Chemical Physics, 2020, 22, 19254-19266.	1.3	26
9	The emergence of sequence-dependent structural motifs in stretched, torsionally constrained DNA. Nucleic Acids Research, 2020, 48, 1748-1763.	6.5	21
10	Interference between Triplex and Protein Binding to Distal Sites on Supercoiled DNA. Biophysical Journal, 2017, 112, 523-531.	0.2	10
11	Protein/DNA interactions in complex DNA topologies: expect the unexpected. Biophysical Reviews, 2016, 8, 145-155.	1.5	9
12	Protein/DNA interactions in complex DNA topologies: expect the unexpected. Biophysical Reviews, 2016, 8, 233-243.	1.5	37
13	Long-range correlations in the mechanics of small DNA circles under topological stress revealed by multi-scale simulation. Nucleic Acids Research, 2016, 44, gkw815.	6.5	54
14	Atomistic Molecular Dynamics Simulations of DNA Minicircle Topoisomers: A Practical Guide to Setup, Performance, and Analysis. Methods in Molecular Biology, 2016, 1431, 195-219.	0.4	3
15	Parmbsc1: a refined force field for DNA simulations. Nature Methods, 2016, 13, 55-58.	9.0	790
16	Comparison of Molecular Contours for Measuring Writhe in Atomistic Supercoiled DNA. Journal of Chemical Theory and Computation, 2015, 11, 2768-2775.	2.3	22
17	Noy and Golestanian Reply:. Physical Review Letters, 2013, 111, 179802.	2.9	2
18	Small DNA circles as probes of DNA topology. Biochemical Society Transactions, 2013, 41, 565-570.	1.6	25

AGNES NOY

#	Article	IF	CITATIONS
19	Length Scale Dependence of DNA Mechanical Properties. Physical Review Letters, 2012, 109, 228101.	2.9	88
20	The Chirality of DNA: Elasticity Cross-Terms at Base-Pair Level Including A-Tracts and the Influence of Ionic Strength. Journal of Physical Chemistry B, 2010, 114, 8022-8031.	1.2	18
21	The impact of monovalent ion force field model in nucleic acids simulations. Physical Chemistry Chemical Physics, 2009, 11, 10596.	1.3	62
22	Recent advances in the study of nucleic acid flexibility by molecular dynamics. Current Opinion in Structural Biology, 2008, 18, 185-193.	2.6	113
23	Theoretical Analysis of Antisense Duplexes:  Determinants of the RNase H Susceptibility. Journal of the American Chemical Society, 2008, 130, 3486-3496.	6.6	30
24	Theoretical study of large conformational transitions in DNA: the B↔A conformational change in water and ethanol/water. Nucleic Acids Research, 2007, 35, 3330-3338.	6.5	71
25	Data Mining of Molecular Dynamics Trajectories of Nucleic Acids. Journal of Biomolecular Structure and Dynamics, 2006, 23, 447-455.	2.0	12
26	Structure, Recognition Properties, and Flexibility of the DNA·RNA Hybrid. Journal of the American Chemical Society, 2005, 127, 4910-4920.	6.6	64
27	The relative flexibility of B-DNA and A-RNA duplexes: database analysis. Nucleic Acids Research, 2004, 32, 6144-6151.	6.5	119
28	Theoretical Methods for the Simulation of Nucleic Acids. ChemInform, 2004, 35, no.	0.1	0
29	Relative Flexibility of DNA and RNA: a Molecular Dynamics Study. Journal of Molecular Biology, 2004, 343, 627-638.	2.0	94
30	Theoretical methods for the simulation of nucleic acids. Chemical Society Reviews, 2003, 32, 350-364.	18.7	150