

# Fabien Paillusson

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

339  
citations

1163117  
8  
h-index

839539  
18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fuzzy Take on the Logical Issues of Statistical Hypothesis Testing. <i>Philosophies</i> , 2021, 6, 21.	0.7	1
2	On the Logic of a Prior Based Statistical Mechanics of Polydisperse Systems: The Case of Binary Mixtures. <i>Entropy</i> , 2019, 21, 599.	2.2	1
3	Dielectric response in the vicinity of an ion: A nonlocal and nonlinear model of the dielectric properties of water. <i>Journal of Chemical Physics</i> , 2019, 150, 094507.	3.0	10
4	Multicomponent flow on curved surfaces: A vielbein lattice Boltzmann approach. <i>Physical Review E</i> , 2019, 100, 063306.	2.1	7
5	Gibbs's paradox according to Gibbs and slightly beyond. <i>Molecular Physics</i> , 2018, 116, 3196-3213.	1.7	4
6	On the critical Casimir interaction between anisotropic inclusions on a membrane. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24188-24196.	2.8	3
7	Phase Separation on Bicontinuous Cubic Membranes: Symmetry Breaking, Reentrant, and Domain Faceting. <i>Physical Review Letters</i> , 2016, 117, 058101.	7.8	7
8	Devising a protocol-related statistical mechanics framework for granular materials. <i>Physical Review E</i> , 2015, 91, 012204.	2.1	7
9	Numerical Calculation of Granular Entropy. <i>Physical Review Letters</i> , 2014, 112, 098002.	7.8	68
10	On the role of composition entropies in the statistical mechanics of polydisperse systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P10038.	2.3	6
11	The other entropy. <i>Molecular Physics</i> , 2013, 111, 3641-3650.	1.7	7
12	Protein-DNA Electrostatics. <i>Advances in Protein Chemistry and Structural Biology</i> , 2013, 92, 253-297.	2.3	11
13	Probing Ergodicity in Granular Matter. <i>Physical Review Letters</i> , 2012, 109, 208001.	7.8	21
14	Electrostatics of DNA compaction in viruses, bacteria and eukaryotes: functional insights and evolutionary perspective. <i>Soft Matter</i> , 2012, 8, 9285.	2.7	54
15	Effective interaction between charged nanoparticles and DNA. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 12603.	2.8	24
16	Interaction regimes for oppositely charged plates with multivalent counterions. <i>Physical Review E</i> , 2011, 84, 011407.	2.1	12
17	Slits, plates, and Poisson-Boltzmann theory in a local formulation of nonlocal electrostatics. <i>Physical Review E</i> , 2010, 82, 052501.	2.1	33
18	Nonspecific DNA-Protein Interaction: Why Proteins Can Diffuse along DNA. <i>Physical Review Letters</i> , 2009, 102, 228101.	7.8	56

#	ARTICLE	IF	CITATIONS
19	Poisson-Boltzmann for oppositely charged bodies: an explicit derivation. <i>Molecular Physics</i> , 2009, 107, 1379-1391.	1.7	7