

Ruben Higler

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

5,226
citations

1307594

7
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

8027
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation and attenuation of mechanical signals in ultrasoft 2D solids. <i>Science Advances</i> , 2020, 6, .	10.3	3
2	Particle Dynamics in Colloid-Polymer Mixtures with Different Polymer Architectures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42041-42047.	8.0	3
3	Gel Trapping Enables Optical Spectroscopy of Single Solvated Conjugated Polymers in Equilibrium. <i>ACS Nano</i> , 2019, 13, 13185-13195.	14.6	6
4	Diffusion Decoupling in Binary Colloidal Systems Observed with Contrast Variation Multispeckle Diffusing Wave Spectroscopy. <i>Langmuir</i> , 2019, 35, 5793-5801.	3.5	7
5	Allosteric pathway selection in templated assembly. <i>Science Advances</i> , 2019, 5, eaaw3353.	10.3	4
6	Linking slow dynamics and microscopic connectivity in dense suspensions of charged colloids. <i>Soft Matter</i> , 2018, 14, 780-788.	2.7	10
7	Apparent strength versus universality in glasses of soft compressible colloids. <i>Scientific Reports</i> , 2018, 8, 16817.	3.3	6
8	Doping colloidal bcc crystals with interstitial solids and meta-stable clusters. <i>Scientific Reports</i> , 2017, 7, 12634.	3.3	8
9	Linking Particle Dynamics to Local Connectivity in Colloidal Gels. <i>Physical Review Letters</i> , 2017, 118, 188001.	7.8	26
10	Anomalous dynamics of interstitial dopants in soft crystals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13660-13665.	7.1	13
11	High Photoluminescence Efficiency and Optically Pumped Lasing in Solution-Processed Mixed Halide Perovskite Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1421-1426.	4.6	1,490
12	Bright light-emitting diodes based on organometal halide perovskite. <i>Nature Nanotechnology</i> , 2014, 9, 687-692.	31.5	3,627
13	Substitutional impurity-induced vitrification in microgel crystals. <i>Soft Matter</i> , 2013, 9, 5372.	2.7	23