

# Tim Still

## List of Publications by Year in descending order

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28  
papers

2,778  
citations

430874

18  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

4116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear-assisted grain coarsening in colloidal polycrystals. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24055-24060.	7.1	7
2	Heterogeneous Activation, Local Structure, and Softness in Supercooled Colloidal Liquids. Physical Review Letters, 2019, 122, 028001.	7.8	40
3	Different routes into the glass state for soft thermo-sensitive colloids. Soft Matter, 2018, 14, 5008-5018.	2.7	11
4	Diffusive and martensitic nucleation kinetics in solid-solid transitions of colloidal crystals. Nature Communications, 2017, 8, 14978.	12.8	45
5	Deposition and drying dynamics of liquid crystal droplets. Nature Communications, 2017, 8, 15642.	12.8	66
6	Dynamics of ordered colloidal particle monolayers at nematic liquid crystal interfaces. Soft Matter, 2016, 12, 4715-4724.	2.7	8
7	Tunable depletion potentials driven by shape variation of surfactant micelles. Physical Review E, 2016, 93, 050601.	2.1	16
8	Vibrational properties of quasi-two-dimensional colloidal glasses with varying interparticle attraction. Physical Review E, 2016, 94, 042606.	2.1	7
9	Chiral structures and defects of lyotropic chromonic liquid crystals induced by saddle-splay elasticity. Physical Review E, 2015, 91, 050501.	2.1	81
10	Strain fluctuations and elastic moduli in disordered solids. Physical Review E, 2015, 92, 022307.	2.1	6
11	Temperature-sensitive Hydrogel Particle Films from Evaporating Drops. Advanced Materials Interfaces, 2015, 2, 1500371.	3.7	20
12	Diagnosing hyperuniformity in two-dimensional, disordered, jammed packings of soft spheres. Physical Review E, 2015, 91, 012302.	2.1	81
13	Vibrational and structural signatures of the crossover between dense glassy and sparse gel-like attractive colloidal packings. Physical Review E, 2014, 90, 062305.	2.1	12
14	Phonon dispersion and elastic moduli of two-dimensional disordered colloidal packings of soft particles with frictional interactions. Physical Review E, 2014, 89, 012301.	2.1	23
15	Rheology of soft colloids across the onset of rigidity: scaling behavior, thermal, and non-thermal responses. Soft Matter, 2014, 10, 3027.	2.7	57
16	Physics in ordered and disordered colloidal matter composed of poly(N-isopropylacrylamide) microgel particles. Reports on Progress in Physics, 2014, 77, 056601.	20.1	123
17	Effects of Particle Shape on Growth Dynamics at Edges of Evaporating Drops of Colloidal Suspensions. Physical Review Letters, 2013, 110, 035501.	7.8	127
18	Synthesis of micrometer-size poly(N-isopropylacrylamide) microgel particles with homogeneous crosslinker density and diameter control. Journal of Colloid and Interface Science, 2013, 405, 96-102.	9.4	95

#	ARTICLE	IF	CITATIONS
19	Phonons in two-dimensional soft colloidal crystals. <i>Physical Review E</i> , 2013, 88, 022315.	2.1	47
20	Influence of Particle Shape on Bending Rigidity of Colloidal Monolayer Membranes and Particle Deposition during Droplet Evaporation in Confined Geometries. <i>Physical Review Letters</i> , 2012, 108, 228303.	7.8	31
21	Surfactant-Induced Marangoni Eddies Alter the Coffee-Rings of Evaporating Colloidal Drops. <i>Langmuir</i> , 2012, 28, 4984-4988.	3.5	369
22	Vibration spectroscopy of weakly interacting mesoscopic colloids. <i>Soft Matter</i> , 2012, 8, 4235.	2.7	48
23	Structural Variations of an Organic Glassformer Vapor-Deposited onto a Temperature Gradient Stage. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 423-427.	4.6	50
24	Suppression of the coffee-ring effect by shape-dependent capillary interactions. <i>Nature</i> , 2011, 476, 308-311.	27.8	1,288
25	High-Modulus Organic Glasses Prepared by Physical Vapor Deposition. <i>Advanced Materials</i> , 2010, 22, 39-42.	21.0	106
26	Vibrational Eigenfrequencies and Mechanical Properties of Mesoscopic Copolymer Latex Particles. <i>Macromolecules</i> , 2010, 43, 3422-3428.	4.8	14
27	Smaller than Colloids: Characterization of Stable Organic Glass. <i>Springer Theses</i> , 2010, , 123-130.	0.1	0
28	The Vibrations of Individual Colloids. <i>Springer Theses</i> , 2010, , 53-87.	0.1	0