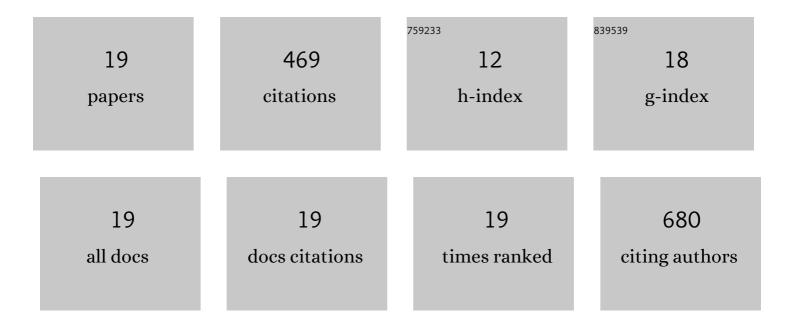
## Weikai Qi

List of Publications by Year in descending order

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Μεικλι Οι

#	Article	IF	CITATIONS
1	Two-stage melting induced by dislocations and grain boundaries in monolayers of hard spheres. Soft Matter, 2014, 10, 5449.	2.7	87
2	Ordered Two-Dimensional Superstructures of Colloidal Octapod-Shaped Nanocrystals on Flat Substrates. Nano Letters, 2012, 12, 5299-5303.	9.1	55
3	Melting in two-dimensional Yukawa systems: A Brownian dynamics simulation. Journal of Chemical Physics, 2010, 133, 234508.	3.0	51
4	Nonclassical Nucleation in a Solid-Solid Transition of Confined Hard Spheres. Physical Review Letters, 2015, 115, 185701.	7.8	48
5	Electron Tomography Resolves a Novel Crystal Structure in a Binary Nanocrystal Superlattice. Nano Letters, 2013, 13, 1312-1316.	9.1	41
6	A novel chiral phase of achiral hard triangles and an entropy-driven demixing of enantiomers. Soft Matter, 2015, 11, 8684-8691.	2.7	31
7	Destabilisation of the hexatic phase in systems of hard disks by quenched disorder due to pinning on a lattice. Soft Matter, 2015, 11, 2852-2856.	2.7	30
8	Highly cooperative stress relaxation in two-dimensional soft colloidal crystals. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15356-15361.	7.1	25
9	Coexistence of hexatic and isotropic phases in two-dimensional Yukawa systems. Journal of Physics Condensed Matter, 2008, 20, 245102.	1.8	20
10	Phase diagram of octapod-shaped nanocrystals in a quasi-two-dimensional planar geometry. Journal of Chemical Physics, 2013, 138, 154504.	3.0	16
11	Dynamical heterogeneities and defects in two-dimensional soft colloidal crystals. Soft Matter, 2015, 11, 9385-9392.	2.7	16
12	Two features at the two-dimensional freezing transitions. Journal of Chemical Physics, 2011, 134, 034506.	3.0	14
13	Molecular Simulation of Chemical Reaction Equilibrium by Computationally Efficient Free Energy Minimization. ACS Central Science, 2018, 4, 1185-1193.	11.3	10
14	A modified Gay–Berne model for liquid crystal molecular dynamics simulation. Polymer, 2012, 53, 634-639.	3.8	9
15	Modeling the influence of effective oil volume fraction and droplet repulsive interaction on nanoemulsion gelation. Journal of Food Engineering, 2019, 249, 25-33.	5.2	8
16	Vapor Condensed and Supercooled Glassy Nanoclusters. ACS Nano, 2016, 10, 3416-3423.	14.6	3
17	Sensitivity, Specificity and Accuracy of a Novel EEG-Based Objective Test, the Cognalyzer®, in Detecting Cannabis Psychoactive Effects. Advances in Therapy, 2021, 38, 2513-2531.	2.9	3
18	Glass forming phase diagram and local structure of Kob–Andersen binary Lennard-Jones nanoparticles. Journal of Chemical Physics, 2018, 149, 094502.	3.0	2

#	Article	IF	CITATIONS
19	Evolution of topological defects in two-dimensional quenched colloidal systems. European Physical Journal E, 2013, 36, 126.	1.6	0