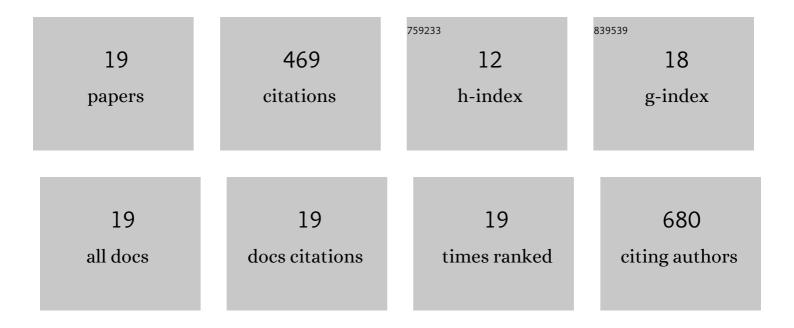
## Weikai Qi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7886870/publications.pdf Version: 2024-02-01



Μεικλι Οι

| #  | Article                                                                                                                                                                                      | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Two-stage melting induced by dislocations and grain boundaries in monolayers of hard spheres. Soft<br>Matter, 2014, 10, 5449.                                                                | 2.7  | 87        |
| 2  | Ordered Two-Dimensional Superstructures of Colloidal Octapod-Shaped Nanocrystals on Flat<br>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<br>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<br>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<br>lattice. Soft Matter, 2015, 11, 2852-2856.                                         | 2.7  | 30        |
| 8  | Highly cooperative stress relaxation in two-dimensional soft colloidal crystals. Proceedings of the<br>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<br>Condensed Matter, 2008, 20, 245102.                                                     | 1.8  | 20        |
| 10 | Phase diagram of octapod-shaped nanocrystals in a quasi-two-dimensional planar geometry. Journal of<br>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<br>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,<br>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<br>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<br>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<br>Journal E, 2013, 36, 126. | 1.6 | 0         |