Paul Y Kim

List of Publications by Year
in descending order

25 papers	1,080 citations	623574 14 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	2136 citing authors

#	Article	IF	Citations
1	Reconfigurable ferromagnetic liquid droplets. Science, 2019, 365, 264-267.	6.0	278
2	Understanding Interface Engineering for Highâ€Performance Fullerene/Perovskite Planar Heterojunction Solar Cells. Advanced Energy Materials, 2016, 6, 1501606.	10.2	180
3	Building Reconfigurable Devices Using Complex Liquidâ€“Fluid Interfaces. Advanced Materials, 2019, 31, e1806370.	11.1	120
4	High Efficiency Tandem Thin-Perovskite/Polymer Solar Cells with a Graded Recombination Layer. ACS Applied Materials & Interfaces, 2016, 8, 7070-7076.	4.0	111
5	A Polymer Hole Extraction Layer for Inverted Perovskite Solar Cells from Aqueous Solutions. Advanced Energy Materials, 2016, 6, 1600664.	10.2	56
6	Chemical and Morphological Control of Interfacial Selfâ€Doping for Efficient Organic Electronics. Advanced Materials, 2018, 30, e1705976.	11.1	55
7	Direct observation of nanoparticle-surfactant assembly and jamming at the water-oil interface. Science Advances, 2020, 6, .	4.7	44
8	Dual Functional Zwitterionic Fullerene Interlayer for Efficient Inverted Polymer Solar Cells. Advanced Energy Materials, 2015, 5, 1500405.	10.2	39
9	Transition in Dynamics as Nanoparticles Jam at the Liquid/Liquid Interface. Nano Letters, 2017, 17, 6855-6862.	4.5	30
10	Visualizing the Dynamics of Nanoparticles in Liquids by Scanning Electron Microscopy. ACS Nano, 2016, 10, 6257-6264.	7.3	29
11	Visualizing Interfacial Jamming Using an Aggregationâ€Inducedâ€Emission Molecular Reporter. Angewandte Chemie - International Edition, 2021, 60, 8694-8699.	7.2	20
12	Assessing Pair Interaction Potentials of Nanoparticles on Liquid Interfaces. ACS Nano, 2019, 13, 3075-3082.	7.3	18
13	Vapor-induced motion of two pure liquid droplets. Soft Matter, 2019, 15, 2135-2139.	1.2	17
14	Orthogonally Aligned Block Copolymer Line Patterns on Minimal Topographic Patterns. ACS Applied Materials & Interfaces, 2018, 10, 8324-8332.	4.0	15
15	Ferromagnetic liquid droplets with adjustable magnetic properties. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	14
16	Surfactantâ€Induced Interfacial Aggregation of Porphyrins for Structuring Colorâ€Tunable Liquids. Angewandte Chemie - International Edition, 2021, 60, 2871-2876.	7.2	13
17	Bidisperse Nanospheres Jammed on a Liquid Surface. ACS Nano, 2020, 14, 10589-10599.	7.3	10
18	Dynamic Reconfiguration of Compressed 2D Nanoparticle Monolayers. ACS Nano, 2022, 16, 5496-5506.	7.3	9

#	Article	IF	Citations
19	Relaxation and Aging of Nanosphere Assemblies at a Waterâ€“Oil Interface. ACS Nano, 2022, 16, 8967-8973.	7.3	7
20	Surfactantâ€Induced Interfacial Aggregation of Porphyrins for Structuring Colorâ€Tunable Liquids. Angewandte Chemie, 2021, 133, 2907-2912.	1.6	4
21	Visualizing Interfacial Jamming Using an Aggregationâ€Inducedâ€Emission Molecular Reporter. Angewandte Chemie, 2021, 133, 8776-8781.	1.6	4
22	Ionic Liquids as Floatation Media for Cryo-Ultramicrotomy of Soft Polymeric Materials. Microscopy and Microanalysis, 2013, 19, 1554-1557.	0.2	3
23	Characterization of E-beam Fabricated Gold Nanoparticles. Microscopy and Microanalysis, 2013, 19, 1554-1555.	0.2	2
24	Wetting, meniscus structure, and capillary interactions of microspheres bound to a cylindrical liquid interface. Soft Matter, 2018, 14, 2131-2141.	1.2	2
25	Organic Photovoltaics: Dual Functional Zwitterionic Fullerene Interlayer for Efficient Inverted Polymer Solar Cells (Adv. Energy Mater. 14/2015). Advanced Energy Materials, 2015, 5, n/a-n/a.	10.2	0