

# Paul Y Kim

## List of Publications by Year in descending order

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25  
papers

1,080  
citations

623734

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610901

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all docs

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docs citations

25  
times ranked

2136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Reconfiguration of Compressed 2D Nanoparticle Monolayers. ACS Nano, 2022, 16, 5496-5506.	14.6	9
2	Relaxation and Aging of Nanosphere Assemblies at a Water/Oil Interface. ACS Nano, 2022, 16, 8967-8973.	14.6	7
3	Surfactant-Induced Interfacial Aggregation of Porphyrins for Structuring Color-Tunable Liquids. Angewandte Chemie, 2021, 133, 2907-2912.	2.0	4
4	Surfactant-Induced Interfacial Aggregation of Porphyrins for Structuring Color-Tunable Liquids. Angewandte Chemie - International Edition, 2021, 60, 2871-2876.	13.8	13
5	Ferromagnetic liquid droplets with adjustable magnetic properties. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14
6	Visualizing Interfacial Jamming Using an Aggregation-Induced-Emission Molecular Reporter. Angewandte Chemie, 2021, 133, 8776-8781.	2.0	4
7	Visualizing Interfacial Jamming Using an Aggregation-Induced-Emission Molecular Reporter. Angewandte Chemie - International Edition, 2021, 60, 8694-8699.	13.8	20
8	Direct observation of nanoparticle-surfactant assembly and jamming at the water-oil interface. Science Advances, 2020, 6, .	10.3	44
9	Bidisperse Nanospheres Jammed on a Liquid Surface. ACS Nano, 2020, 14, 10589-10599.	14.6	10
10	Reconfigurable ferromagnetic liquid droplets. Science, 2019, 365, 264-267.	12.6	278
11	Vapor-induced motion of two pure liquid droplets. Soft Matter, 2019, 15, 2135-2139.	2.7	17
12	Building Reconfigurable Devices Using Complex Liquid-Fluid Interfaces. Advanced Materials, 2019, 31, e1806370.	21.0	120
13	Assessing Pair Interaction Potentials of Nanoparticles on Liquid Interfaces. ACS Nano, 2019, 13, 3075-3082.	14.6	18
14	Orthogonally Aligned Block Copolymer Line Patterns on Minimal Topographic Patterns. ACS Applied Materials & Interfaces, 2018, 10, 8324-8332.	8.0	15
15	Wetting, meniscus structure, and capillary interactions of microspheres bound to a cylindrical liquid interface. Soft Matter, 2018, 14, 2131-2141.	2.7	2
16	Chemical and Morphological Control of Interfacial Self-Doping for Efficient Organic Electronics. Advanced Materials, 2018, 30, e1705976.	21.0	55
17	Transition in Dynamics as Nanoparticles Jam at the Liquid/Liquid Interface. Nano Letters, 2017, 17, 6855-6862.	9.1	30
18	Understanding Interface Engineering for High-Performance Fullerene/Perovskite Planar Heterojunction Solar Cells. Advanced Energy Materials, 2016, 6, 1501606.	19.5	180

#	ARTICLE	IF	CITATIONS
19	Visualizing the Dynamics of Nanoparticles in Liquids by Scanning Electron Microscopy. ACS Nano, 2016, 10, 6257-6264.	14.6	29
20	A Polymer Hole Extraction Layer for Inverted Perovskite Solar Cells from Aqueous Solutions. Advanced Energy Materials, 2016, 6, 1600664.	19.5	56
21	High Efficiency Tandem Thin-Perovskite/Polymer Solar Cells with a Graded Recombination Layer. ACS Applied Materials & Interfaces, 2016, 8, 7070-7076.	8.0	111
22	Dual Functional Zwitterionic Fullerene Interlayer for Efficient Inverted Polymer Solar Cells. Advanced Energy Materials, 2015, 5, 1500405.	19.5	39
23	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.	19.5	0
24	Characterization of E-beam Fabricated Gold Nanoparticles. Microscopy and Microanalysis, 2013, 19, 1554-1555.	0.4	2
25	Ionic Liquids as Floatation Media for Cryo-Ultramicrotomy of Soft Polymeric Materials. Microscopy and Microanalysis, 2013, 19, 1554-1557.	0.4	3