

# Tian Zhou

## List of Publications by Year in descending order

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20  
papers

783  
citations

687363

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h-index

839539

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g-index

21  
all docs

21  
docs citations

21  
times ranked

1050  
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed Self-Assembly of Nanoparticles for Nanomotors. ACS Nano, 2013, 7, 5192-5198.	14.6	167
2	Computational prediction of high thermoelectric performance in p-type half-Heusler compounds with low band effective mass. Physical Chemistry Chemical Physics, 2017, 19, 4411-4417.	2.8	88
3	Towards controlled polymer brushes via a self-assembly-assisted-grafting-to approach. Nature Communications, 2016, 7, 11119.	12.8	81
4	Highly robust crystalsome via directed polymer crystallization at curved liquid/liquid interface. Nature Communications, 2016, 7, 10599.	12.8	63
5	Block copolymer crystalsomes with an ultrathin shell to extend blood circulation time. Nature Communications, 2018, 9, 3005.	12.8	61
6	Thermoresponsive Amphiphilic Janus Silica Nanoparticles via Combining "Polymer Single-Crystal Templating" and "Grafting-from" Methods. Macromolecules, 2012, 45, 8780-8789.	4.8	56
7	Responsive Shape Change of Sub-5 nm Thin, Janus Polymer Nanoplates. ACS Macro Letters, 2016, 5, 651-655.	4.8	49
8	Precisely Assembled Cyclic Gold Nanoparticle Frames by 2D Polymer Single-Crystal Templating. Angewandte Chemie - International Edition, 2017, 56, 13645-13649.	13.8	49
9	Nano-sized silica hollow spheres: Preparation, mechanism analysis and its water retention property. Journal of Physics and Chemistry of Solids, 2010, 71, 1013-1019.	4.0	39
10	Janus hybrid hairy nanoparticles. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1620-1640.	2.1	31
11	Polyethylene nano crystalsomes formed at a curved liquid/liquid interface. Nanoscale, 2018, 10, 268-276.	5.6	25
12	Directed self-assembly of hetero-nanoparticles using a polymer single crystal template. Nanoscale, 2012, 4, 7641.	5.6	22
13	One-step formation of responsive "dumbbell" nanoparticle dimers via quasi-two-dimensional polymer single crystals. Nanoscale, 2014, 6, 4551-4554.	5.6	18
14	Stepwise assembly of a cross-linked free-standing nanoparticle sheet with controllable shape. Nanoscale, 2015, 7, 11033-11039.	5.6	12
15	Velcro-mimicking surface based on polymer loop brushes. Nanoscale, 2018, 10, 18269-18274.	5.6	11
16	Precisely Assembled Cyclic Gold Nanoparticle Frames by 2D Polymer Single-Crystal Templating. Angewandte Chemie, 2017, 129, 13833-13837.	2.0	9
17	Nanoparticle-Decorated Polymer Single Crystals for Nanoscale Materials. ACS Symposium Series, 2016, , 79-90.	0.5	1
18	Efficient synthesis of asymmetric particles by sol-gel process. Colloid and Polymer Science, 2013, 291, 1227-1234.	2.1	0

#	ARTICLE	IF	CITATIONS
19	Innentitelbild: Precisely Assembled Cyclic Gold Nanoparticle Frames by 2D Polymer Single-Crystal Templating (Angew. Chem. 44/2017). Angewandte Chemie, 2017, 129, 13720-13720.	2.0	0
20	Polymer Single Crystals in Nanoparticle-Containing Hybrid Systems. , 2013, , 1-21.		0