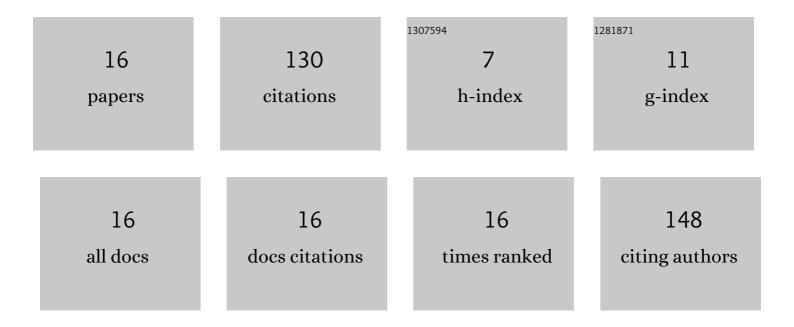
Zhichao Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Liquid–Liquid Phase Transition in Nanoconfined Silicon Carbide. Journal of the American Chemical Society, 2016, 138, 2815-2822.	13.7	29
2	Liquid-liquid phase transition and structure inheritance in carbon films. Scientific Reports, 2014, 4, 3635.	3.3	23
3	Layering transition in confined silicon. Nanoscale, 2014, 6, 4217.	5.6	14
4	Molecular dynamics study on the nucleation of Al–Si melts on sheet substrates at the nanoscale. Nanoscale, 2016, 8, 4520-4528.	5.6	8
5	Density dependent structural phase transition for confined copper: origin of the layering. Physical Chemistry Chemical Physics, 2018, 20, 9337-9342.	2.8	8
6	Theoretical study of electronic transport properties of lead nanowires doped with silicon. Computational Materials Science, 2017, 136, 198-206.	3.0	7
7	Crystallization behavior of a confined CuZr metallic liquid film with a sandwich-like structure. Physical Chemistry Chemical Physics, 2019, 21, 13738-13745.	2.8	7
8	Heterogeneous nucleation of Al melt in symmetrical or asymmetrical confined nanoslits. Nanoscale, 2016, 8, 12339-12346.	5.6	6
9	Electronic transport properties of heterojunction Pb/Pb-Si nanochain devices. Computational Materials Science, 2018, 155, 216-223.	3.0	6
10	"Y―shaped BP/PbS/PbSe nano-devices based on silicon carbide nanoribbons. RSC Advances, 2018, 8, 35050-35055.	3.6	5
11	Synergy and pinning effects in a monatomic liquid film in confined conditions. Physical Chemistry Chemical Physics, 2015, 17, 13380-13386.	2.8	4
12	Electronic transport properties of PbSi Schottky-clamped transistors with a surroundingÂmetal–insulator gate. RSC Advances, 2018, 8, 1519-1527.	3.6	4
13	Structural evolution of a Si melt in nanoscale confined space. RSC Advances, 2015, 5, 49175-49181.	3.6	3
14	Spatial heterogeneity in liquid–liquid phase transition. Chinese Physics B, 2017, 26, 036401.	1.4	3
15	Layering and phase transition of liquid aluminum confined by different substrates. Computational Materials Science, 2018, 143, 157-162.	3.0	3
16	Abnormal separation of the silicon–oxygen bond in the liquid layering transition of silicon dioxide in a nanoslit. Physical Chemistry Chemical Physics, 2018, 20, 3724-3734.	2.8	0