

Yanhui Chen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

247
citations

1307594

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1372567

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10
docs citations

10
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced NO ₂ Sensitivity in Schottky-Contacted n-Type SnS ₂ Gas Sensors. ACS Applied Materials & Interfaces, 2020, 12, 26746-26754.	8.0	49
2	Atomistic mechanism of nucleation and growth of a face-centered orthogonal phase in small-sized single-crystalline Mo. Materials Research Letters, 2020, 8, 348-355.	8.7	14
3	Electrical Contact Barriers between a Three-Dimensional Metal and Layered SnS ₂ . ACS Applied Materials & Interfaces, 2020, 12, 15830-15836.	8.0	13
4	In situ investigation of synchronized dislocation array nucleation and phase transformation at mode I-II cracks of single-crystalline Mo. Journal of Alloys and Compounds, 2019, 806, 283-291.	5.5	3
5	High Selectivity Gas Sensing and Charge Transfer of SnSe ₂ . ACS Sensors, 2019, 4, 2546-2552.	7.8	73
6	Strategy for Fabricating Wafer-Scale Platinum Disulfide. ACS Applied Materials & Interfaces, 2019, 11, 8202-8209.	8.0	37
7	Enhanced NO ₂ Sensing at Room Temperature with Graphene via Monodisperse Polystyrene Bead Decoration. ACS Omega, 2019, 4, 3812-3819.	3.5	33
8	Surface Energy Driven Liquid-Drop-Like Pseudoelastic Behaviors and In Situ Atomistic Mechanisms of Small-Sized Face-Centered-Cubic Metals. Nano Letters, 2019, 19, 292-298.	9.1	20
9	In-situ investigation of dislocation tangle "untangle" processes in small-sized body-centered cubic Nb single crystals. Materials Letters, 2017, 198, 16-18.	2.6	4
10	Multi-metallic Hydrate Hollow Structures in Cobalt Hydrate Based Systems. Crystal Growth and Design, 2017, 17, 1568-1573.	3.0	1