

# Wenmei Ming

## List of Publications by Year in descending order

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31  
papers

2,304  
citations

304743

22  
h-index

434195

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g-index

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31  
docs citations

31  
times ranked

3863  
citing authors



#	ARTICLE	IF	CITATIONS
19	Observation of Nanoscale Morphological and Structural Degradation in Perovskite Solar Cells by in Situ TEM. ACS Applied Materials & Interfaces, 2016, 8, 32333-32340.	8.0	54
20	Formation of Ideal Rashba States on Layered Semiconductor Surfaces Steered by Strain Engineering. Nano Letters, 2016, 16, 404-409.	9.1	44
21	Prospective high thermoelectric performance of the heavily $\text{p}$ -doped half-Heusler compound $\text{CoVSn}$ . Physical Review B, 2017, 95, .	3.2	37
22	Evolution of the electronic structure in ultrathin $\text{Bi}(111)$ films. Physical Review B, 2015, 91, .	3.2	29
23	Quantum size effect on dielectric function of ultrathin metal film: a first-principles study of $\text{Al}(1\%1)$ . Journal of Physics Condensed Matter, 2014, 26, 505302.	1.8	16
24	Chemical Trend of Transition-Metal Doping in $\text{WSe}_2$ . Physical Review Applied, 2019, 12, .	3.8	16
25	Excitation Energies of Localized Correlated Defects via Quantum Monte Carlo: A Case Study of $\text{Mn}^{4+}$ -Doped Phosphors. Journal of Physical Chemistry Letters, 2019, 10, 67-74.	4.6	15
26	Robust Ferromagnetism in Highly Strained $\text{SrCoO}_3$ Thin Films. Physical Review X, 2020, 10, .	8.9	15
27	Effects of Li doping on H-diffusion in $\text{MgH}_2$ : A first-principles study. Journal of Applied Physics, 2013, 114, .	2.5	12
28	Doping $\text{Y}_2\text{O}_3$ with $\text{Mn}^{4+}$ for energy-efficient lighting. Journal of Materials Chemistry C, 2018, 6, 4171-4176.	5.5	10
29	Tuning nucleation density of metal island with charge doping of graphene substrate. Applied Physics Letters, 2014, 105, 071609.	3.3	8
30	First-principles study of the electronic, vibrational, electron-phonon interaction and thermodynamics properties of $\text{ZrNi}_2\text{Ga}$ . Journal of Physics Condensed Matter, 2009, 21, 075501.	1.8	5
31	Organohalide Perovskites: Real-Time Observation of Order-Disorder Transformation of Organic Cations Induced Phase Transition and Anomalous Photoluminescence in Hybrid Perovskites (Adv.) Tj ETQq1 1 0.784114 rgBT1/Overlo	1.0	1