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List of Publications by Year in descending order

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11
papers

336
citations

1040056

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant doping for high mobility transparent conductors: the case of Mo-doped In ₂ O ₃ . Materials Horizons, 2020, 7, 236-243.	12.2	64
2	Indium Gallium Oxide Alloys: Electronic Structure, Optical Gap, Surface Space Charge, and Chemical Trends within Common-Cation Semiconductors. ACS Applied Materials & Interfaces, 2021, 13, 2807-2819.	8.0	50
3	GeSe: Optical Spectroscopy and Theoretical Study of a van der Waals Solar Absorber. Chemistry of Materials, 2020, 32, 3245-3253.	6.7	48
4	Band Alignments, Band Gap, Core Levels, and Valence Band States in Cu ₃ BiS ₃ for Photovoltaics. ACS Applied Materials & Interfaces, 2019, 11, 27033-27047.	8.0	37
5	Influence of Polymorphism on the Electronic Structure of Ga ₂ O ₃ . Chemistry of Materials, 2020, 32, 8460-8470.	6.7	35
6	Chemical Control of Correlated Metals as Transparent Conductors. Advanced Functional Materials, 2019, 29, 1808609.	14.9	30
7	Modular Design via Multiple Anion Chemistry of the High Mobility van der Waals Semiconductor Bi ₄ O ₄ SeCl ₂ . Journal of the American Chemical Society, 2020, 142, 847-856.	13.7	29
8	Ge 4s ² lone pairs and band alignments in GeS and GeSe for photovoltaics. Journal of Materials Chemistry A, 2021, 9, 22440-22452.	10.3	15
9	Sn 5s ² lone pairs and the electronic structure of tin sulphides: A photorefectance, high-energy photoemission, and theoretical investigation. Physical Review Materials, 2020, 4, .	2.4	11
10	Chemically Controllable Magnetic Transition Temperature and Magnetoelastic Coupling in MnZnSb Compounds. Advanced Functional Materials, 2021, 31, 2100108.	14.9	9
11	Mode Crystallography Analysis through the Structural Phase Transition and Magnetic Critical Behavior of the Lacunar Spinel GaMo ₄ Se ₈ . Chemistry of Materials, 2021, 33, 5718-5729.	6.7	8