

Andrew Alvarado

List of Publications by Year in descending order

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7
papers

103
citations

1478280
6
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1719901
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g-index

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all docs

7
docs citations

7
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-Transition Induced Elastic Softening and Band Gap Transition in Semiconducting PbS at High Pressure. <i>Inorganic Chemistry</i> , 2013, 52, 8638-8643.	1.9	27
2	Calculation of secondary electron emission yields from low-energy electron deposition in tungsten surfaces. <i>Applied Surface Science</i> , 2018, 450, 190-199.	3.1	20
3	Thermoelectric properties of rocksalt ZnO from first-principles calculations. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	16
4	Helium implantation damage resistance in nanocrystalline W-Ta-V-Cr high entropy alloys. <i>Materials Today Energy</i> , 2021, 19, 100599.	2.5	14
5	Monte Carlo raytracing method for calculating secondary electron emission from micro-architected surfaces. <i>Applied Surface Science</i> , 2019, 478, 142-149.	3.1	12
6	Monte Carlo modeling of low-energy electron-induced secondary electron emission yields in micro-architected boron nitride surfaces. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 454, 14-22.	0.6	10
7	A linked-scale coupled model of mass erosion and redistribution in plasma-exposed micro-foam surfaces. <i>Journal of Nuclear Materials</i> , 2021, 553, 153010.	1.3	4