

Roland PÃssler

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitatively Different Non-Quartic Low-Temperature Heat Capacity Behaviors due to Various Non-Metallic Solids. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1900154.	1.5	1
2	Exponential series representation for heat capacities of semiconductors and wide-bandgap materials. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1133-1146.	1.5	15
3	Basic moments of phonon density of states spectra and characteristic phonon temperatures of group IV, III-V, and II-VI materials. <i>Journal of Applied Physics</i> , 2007, 101, 093513.	2.5	30
4	Dispersion-related theory for heat capacities of semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 4605-4623.	1.5	16
5	Moments of phonon density of states spectra and characteristic phonon temperatures of wide band gap materials. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 2719-2727.	1.5	11
6	Alternative electronic parts for multiphonon-broadened photoionization cross sections of deep levels in SiC. <i>Journal of Applied Physics</i> , 2005, 97, 113533.	2.5	12
7	Semi-empirical descriptions of temperature dependences of band gaps in semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 236, 710-728.	1.5	68
8	Dispersion-related description of temperature dependencies of band gaps in semiconductors. <i>Physical Review B</i> , 2002, 66, .	3.2	109