Sebastian Christensen

List of Publications by Year
in descending order

11	314	1040056	1281871
papers	citations	9	11
		h-index	g-index

11	11	11	648
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase transition enhanced thermoelectric figure-of-merit in copper chalcogenides. APL Materials, 2013, 1, .	5.1	109
2	Sintering and annealing effects on ZnO microstructure and thermoelectric properties. Acta Materialia, 2013, 61, 3314-3323.	7.9	41
3	Structural disorder, anisotropic micro-strain and cation vacancies in thermo-electric lead chalcogenides. Physical Chemistry Chemical Physics, 2016, 18, 15874-15883.	2.8	34
4	"Glass-like" thermal conductivity gradually induced in thermoelectric $Sr_8Ga_{16}Ge_{30}$ clathrate by off-centered guest atoms. Journal of Applied Physics, 2016, 119, 185102.	2.5	29
5	Carrier concentration dependence of structural disorder in thermoelectric $Sn_{1-x}Te$. IUCrJ, 2016, 3, 377-388.	2.2	21
6	Combined X-ray and neutron diffraction study of vacancies and disorder in the dimorphic clathrate $Ba_8Ga_{16}Sn_{30}$ of type I and VIII. Dalton Transactions, 2013, 42, 14766.	3.3	18
7	Powder X-ray Diffraction Electron Density of Cubic Boron Nitride. Journal of Physical Chemistry C, 2015, 119, 6164-6173.	3.1	18
8	Nuclear-weighted X-ray maximum entropy method – NXMEM. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, 9-19.	0.1	17
9	Guest host interaction and low energy host structure dynamics in tin clathrates. Journal of Applied Physics, 2013, 113, 084902.	2.5	10
10	Low-temperature powder X-ray diffraction measurements in vacuum: analysis of the thermal displacement of copper. Journal of Applied Crystallography, 2016, 49, 110-119.	4.5	9
11	Accurate charge densities from powder X-ray diffraction – a new version of the Aarhus vacuum imaging-plate diffractometer. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 521-530.	1.1	8