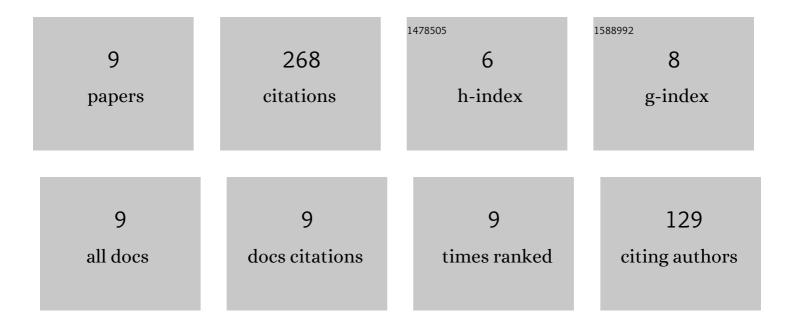
## Swarnava Ghosh

List of Publications by Year in descending order

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SWADNAVA CHOSH

#	Article	IF	CITATIONS
1	Spectral quadrature for the first principles study of crystal defects: Application to magnesium. Journal of Computational Physics, 2022, 456, 111035.	3.8	4
2	Precipitation during creep in magnesium–aluminum alloys. Continuum Mechanics and Thermodynamics, 2021, 33, 2363-2374.	2.2	0
3	Machine-learned prediction of the electronic fields in a crystal. Mechanics of Materials, 2021, 163, 104070.	3.2	7
4	Influence of thermomechanical loads on the energetics of precipitation in magnesium aluminum alloys. Acta Materialia, 2020, 193, 28-39.	7.9	4
5	Electronic structure study regarding the influence of macroscopic deformations on the vacancy formation energy in aluminum. Mechanics Research Communications, 2019, 99, 58-63.	1.8	8
6	Symmetry-adapted real-space density functional theory for cylindrical geometries: Application to large group-IV nanotubes. Physical Review B, 2019, 100, .	3.2	27
7	SPARC: Accurate and efficient finite-difference formulation and parallel implementation of Density Functional Theory: Extended systems. Computer Physics Communications, 2017, 216, 109-125.	7.5	109
8	SPARC: Accurate and efficient finite-difference formulation and parallel implementation of Density Functional Theory: Isolated clusters. Computer Physics Communications, 2017, 212, 189-204.	7.5	71
9	Higher-order finite-difference formulation of periodic Orbital-free Density Functional Theory. Journal of Computational Physics, 2016, 307, 634-652.	3.8	38