

Maddury Somayazulu

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

1,331
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Superconductivity above 260 K in Lanthanum Superhydride at Megabar Pressures. Physical Review Letters, 2019, 122, 027001.	7.8	891
2	Synthesis and Stability of Lanthanum Superhydrides. Angewandte Chemie - International Edition, 2018, 57, 688-692.	13.8	202
3	Novel Pressure-Induced Interactions in Silane-Hydrogen. Physical Review Letters, 2009, 103, 065701.	7.8	100
4	Dynamics and superconductivity in compressed lanthanum superhydride. Physical Review B, 2018, 98, .	3.2	85
5	New Calcium Hydrides with Mixed Atomic and Molecular Hydrogen. Journal of Physical Chemistry C, 2018, 122, 19370-19378.	3.1	38
6	Solid-State Pathway Control via Reaction-Directing Heteroatoms: Ordered Pyridazine Nanofibers through Selective Cycloaddition. Journal of the American Chemical Society, 2022, 144, 2073-2078.	13.7	15
7	Pressure-induced transitions in ferroelectric single-crystal $\text{PbZr}_{0.54}\text{Ti}_{0.46}\text{O}_3$. Ferroelectrics, 2018, 535, 106-113.	0.6	0