

Joshua S Tse

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

45
citations

1684188

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2053705

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docs citations

6
times ranked

20
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the Impact of Graphene Addition to Thermoelectric SrTiO ₃ and La-Doped SrTiO ₃ Materials: A Density Functional Theory Study. ACS Applied Materials & Interfaces, 2021, 13, 41303-41314.	8.0	14
2	Structural dynamics of Schottky and Frenkel defects in ThO ₂ : a density-functional theory study. Journal of Materials Chemistry A, 2022, 10, 1861-1875.	10.3	9
3	The energetics of carbonated PuO ₂ surfaces affects nanoparticle morphology: a DFT+U study. Physical Chemistry Chemical Physics, 2020, 22, 7728-7737.	2.8	8
4	surfipy: A Surface Phase Diagram Generator. Journal of Open Source Software, 2019, 4, 1210.	4.6	7
5	An atomistic modelling investigation of the defect chemistry of SrTiO ₃ and its Ruddlesden-Popper phases, Sr _{n+1} Ti _n O _{3n+1} (n = 1–3). Journal of Solid State Chemistry, 2021, 303, 122523.	2.9	6
6	SurfinPy 2.0: A Phase Diagram Generator for Surfaces and Bulk Phases. Journal of Open Source Software, 2022, 7, 4014.	4.6	1