

# Joshua S Tse

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3027563/publications.pdf>

Version: 2024-02-01

6  
papers

45  
citations

1684188

5  
h-index

2053705

5  
g-index

6  
all docs

6  
docs citations

6  
times ranked

20  
citing authors

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