

# Tian Lan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2557079/publications.pdf>

Version: 2024-02-01

5  
papers

184  
citations

1937685

4  
h-index

2272923

4  
g-index

5  
all docs

5  
docs citations

5  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phonon anharmonicity of rutile $\text{TiO}_2$ studied by Raman spectrometry and molecular dynamics simulations. Physical Review B, 2012, 85, .	3.2	99
2	Phonon anharmonicity of rutile $\text{SnO}_2$ studied by Raman spectrometry and first principles calculations of the kinematics of phonon-phonon interactions. Physical Review B, 2012, 86, .	3.2	42
3	Anharmonic lattice dynamics of $\text{Ag}_2\text{S}$ by inelastic neutron scattering and first-principles molecular dynamics simulations. Physical Review B, 2014, 89, .	3.2	27
4	Phonon quarticity induced by changes in phonon-tracked hybridization during lattice expansion and its stabilization of rutile $\text{TiO}_2$ . Physical Review B, 2015, 92, .	3.2	16
5	Renormalized Phonon Microstructures at High Temperatures from First-Principles Calculations: Methodologies and Applications in Studying Strong Anharmonic Vibrations of Solids. Advances in Condensed Matter Physics, 2016, 2016, 1-11.	1.1	0