

# Hsiao-Yi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8120586/publications.pdf>

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7  
papers

163  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton-Phonon Interaction and Relaxation Times from First Principles. Physical Review Letters, 2020, 125, 107401.	7.8	57
2	Theory and Ab Initio Computation of the Anisotropic Light Emission in Monolayer Transition Metal Dichalcogenides. Nano Letters, 2018, 18, 3839-3843.	9.1	37
3	<i>Ab initio</i> calculations of exciton radiative lifetimes in bulk crystals, nanostructures, and molecules. Physical Review B, 2019, 100, .	3.2	30
4	Ab initio electron-two-phonon scattering in GaAs from next-to-leading order perturbation theory. Nature Communications, 2020, 11, 1607.	12.8	20
5	Facile <i>ab initio</i> approach for self-localized polarons from canonical transformations. Physical Review Materials, 2021, 5, .	2.4	7
6	Connecting mirror symmetry in 3D and 2D via localization. International Journal of Modern Physics A, 2014, 29, 1530004.	1.5	6
7	Precise radiative lifetimes in bulk crystals from first principles: the case of wurtzite gallium nitride. Journal of Physics Condensed Matter, 2020, 32, 084001.	1.8	6