

# Tomoya Nakamura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/985813/publications.pdf>

Version: 2024-02-01

9  
papers

489  
citations

1307594

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h-index

1588992

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13  
all docs

13  
docs citations

13  
times ranked

466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized carrier extraction at interfaces for 23.6% efficient tin-lead perovskite solar cells. Energy and Environmental Science, 2022, 15, 2096-2107.	30.8	172
2	Anti-Stokes photoluminescence from $\text{CsPbBr}_3$ nanostructures embedded in a crystal. Physical Review Materials, 2022, 6, .	2.4	11
3	Multivariate Analysis of Mixed Ternary and Quaternary A-Site Organic Cations in Tin Iodide Perovskite Solar Cells. , 2022, 4, 1124-1131.		9
4	Metal-free ferroelectric halide perovskite exhibits visible photoluminescence correlated with local ferroelectricity. Science Advances, 2022, 8, .	10.3	17
5	Operational stability, low light performance, and long-lived transients in mixed-halide perovskite solar cells with a monolayer-based hole extraction layer. Solar Energy Materials and Solar Cells, 2022, 245, 111885.	6.2	2
6	Enhancing the Hot-Phonon Bottleneck Effect in a Metal Halide Perovskite by Terahertz Phonon Excitation. Physical Review Letters, 2021, 126, 077401.	7.8	34
7	Ultrastrong coupling between THz phonons and photons caused by an enhanced vacuum electric field. Physical Review Research, 2021, 3, .	3.6	9
8	Materials Chemistry Approach for Efficient Lead-Free Tin Halide Perovskite Solar Cells. ACS Applied Electronic Materials, 2020, 2, 3794-3804.	4.3	36
9	Sn(IV)-free tin perovskite films realized by in situ Sn(0) nanoparticle treatment of the precursor solution. Nature Communications, 2020, 11, 3008.	12.8	196