

# Paramvir Ahlawat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8308632/publications.pdf>

Version: 2024-02-01

16  
papers

3,110  
citations

858243

12  
h-index

1255698

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3434  
citing authors

#	ARTICLE	IF	CITATIONS
1	A universal co-solvent dilution strategy enables facile and cost-effective fabrication of perovskite photovoltaics. <i>Nature Communications</i> , 2022, 13, 89.	5.8	77
2	Pseudo-halide anion engineering for $\text{FAPbI}_3$ perovskite solar cells. <i>Nature</i> , 2021, 592, 381-385.	13.7	2,095
3	A combined molecular dynamics and experimental study of two-step process enabling low-temperature formation of phase-pure $\text{FAPbI}_3$ . <i>Science Advances</i> , 2021, 7, .	4.7	49
4	Organic Spacers in 2D Perovskites: General Trends and Structure-Property Relationships from Computational Studies. <i>Helvetica Chimica Acta</i> , 2021, 104, e2000232.	1.0	6
5	Multimodal host-guest complexation for efficient and stable perovskite photovoltaics. <i>Nature Communications</i> , 2021, 12, 3383.	5.8	72
6	Naphthalenediimide/Formamidinium-Based Low-Dimensional Perovskites. <i>Chemistry of Materials</i> , 2021, 33, 6412-6420.	3.2	16
7	Methylammonium Triiodide for Defect Engineering of High-Efficiency Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 3650-3660.	8.8	28
8	Nanoscale Phase Segregation in Supramolecular $\pi$ -Templating for Hybrid Perovskite Photovoltaics from NMR Crystallography. <i>Journal of the American Chemical Society</i> , 2021, 143, 1529-1538.	6.6	55
9	Atomistic Mechanism of the Nucleation of Methylammonium Lead Iodide Perovskite from Solution. <i>Chemistry of Materials</i> , 2020, 32, 529-536.	3.2	45
10	Guanine-Stabilized Formamidinium Lead Iodide Perovskites. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4691-4697.	7.2	61
11	Guanine-Stabilized Formamidinium Lead Iodide Perovskites. <i>Angewandte Chemie</i> , 2020, 132, 4721-4727.	1.6	0
12	Formamidinium-Based Dion-Jacobson Layered Hybrid Perovskites: Structural Complexity and Optoelectronic Properties. <i>Advanced Functional Materials</i> , 2020, 30, 2003428.	7.8	61
13	Unravelling the structural complexity and photophysical properties of adamantyl-based layered hybrid perovskites. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17732-17740.	5.2	14
14	Vapor-assisted deposition of highly efficient, stable black-phase $\text{FAPbI}_3$ perovskite solar cells. <i>Science</i> , 2020, 370, .	6.0	530
15	Molecular Dynamics Simulations of Nucleation of Lead Halide Perovskites. , 0, , .		0
16	Molecular Dynamics Simulations of Nucleation of Lead Halide Perovskites. , 0, , .		0