

# Nga Phung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2551877/publications.pdf>

Version: 2024-02-01

19  
papers

2,827  
citations

567281

15  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

3970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolithic perovskite/silicon tandem solar cell with >29% efficiency by enhanced hole extraction. Science, 2020, 370, 1300-1309.	12.6	1,120
2	How to Make over 20% Efficient Perovskite Solar Cells in Regular (p) and Inverted (n) Architectures. Chemistry of Materials, 2018, 30, 4193-4201.	6.7	473
3	Enhancement in lifespan of halide perovskite solar cells. Energy and Environmental Science, 2019, 12, 865-886.	30.8	143
4	The Doping Mechanism of Halide Perovskite Unveiled by Alkaline Earth Metals. Journal of the American Chemical Society, 2020, 142, 2364-2374.	13.7	132
5	Tuning halide perovskite energy levels. Energy and Environmental Science, 2021, 14, 1429-1438.	30.8	124
6	The Role of Grain Boundaries on Ionic Defect Migration in Metal Halide Perovskites. Advanced Energy Materials, 2020, 10, 1903735.	19.5	117
7	Flash Infrared Annealing for Antisolvent-Free Highly Efficient Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702915.	19.5	106
8	Origin of Sn oxidation in tin halide perovskites. Materials Advances, 2020, 1, 1066-1070.	5.4	106
9	Understanding the perovskite/self-assembled selective contact interface for ultra-stable and highly efficient n perovskite solar cells. Energy and Environmental Science, 2021, 14, 3976-3985.	30.8	104
10	Ion Migration-Induced Amorphization and Phase Segregation as a Degradation Mechanism in Planar Perovskite Solar Cells. Advanced Energy Materials, 2020, 10, 2000310.	19.5	103
11	Efficient and Stable Inorganic Perovskite Solar Cells Manufactured by Pulsed Flash Infrared Annealing. Advanced Energy Materials, 2018, 8, 1802060.	19.5	98
12	Enhanced Self-Assembled Monolayer Surface Coverage by ALD NiO in p-i-n Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 2166-2176.	8.0	77
13	From Bulk to Surface: Sodium Treatment Reduces Recombination at the Nickel Oxide/Perovskite Interface. Advanced Materials Interfaces, 2019, 6, 1900789.	3.7	45
14	The Impact of Nano- and Microstructure on the Stability of Perovskite Solar Cells. Small, 2018, 14, e1802573.	10.0	42
15	Unravelling fullerene-perovskite interactions introduces advanced blend films for performance-improved solar cells. Sustainable Energy and Fuels, 2019, 3, 2779-2787.	4.9	16
16	Role of Terminal Group Position in Triphenylamine-Based Self-Assembled Hole-Selective Molecules in Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 17461-17469.	8.0	15
17	Suppression of Electron Trapping in MAPb <sub>3</sub> Perovskite by Sr <sup>2+</sup> Doping. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000307.	2.4	4
18	Stability of materials and complete devices. , 2020, , 197-215.		1

#	ARTICLE	IF	CITATIONS
19	Enhanced self-assembled monolayer surface coverage by ALD NiO for p-i-n perovskite solar cells. , 0, , .		0