

# Suppressing defects through the synergistic effect of a highly efficient and stable perovskite solar cells

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Photovoltaic Performance Improvement in Vacuum-Assisted Meniscus Printed Triple-Cation Mixed-Halide Perovskite Films by Surfactant Engineering. ACS Applied Energy Materials, 2019, 2, 6209-6217.	2.5	11
2	Importance of Functional Groups in Cross-Linking Methoxysilane Additives for High-Efficiency and Stable Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 2192-2200.	8.8	157
3	Mitigating Measurement Artifacts in TOF-SIMS Analysis of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 30911-30918.	4.0	44
4	Rational Design of Dopant-Free Coplanar Dicationic Hole-Transporting Materials for High-Performance Perovskite Solar Cells with Fill Factor Exceeding 80%. Advanced Energy Materials, 2019, 9, 1901268.	10.2	77
5	A dithieno[3,2-b:2',3'-d]pyrrole-cored four-arm hole transporting material for over 19% efficiency dopant-free perovskite solar cells. Journal of Materials Chemistry C, 2019, 7, 9455-9459.	2.7	23
6	Lead halide perovskites for photocatalytic organic synthesis. Nature Communications, 2019, 10, 2843.	5.8	263
7	Planar starburst hole-transporting materials for highly efficient perovskite solar cells. Nano Energy, 2019, 63, 103865.	8.2	34
9	Mechanism of $\text{PbI}_2$ in Situ Passivated Perovskite Films for Enhancing the Performance of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 44101-44108.	4.0	100
10	High-Efficiency and Stable Perovskite Solar Cells Prepared Using Chlorobenzene/Acetonitrile Antisolvent. ACS Applied Materials & Interfaces, 2019, 11, 34989-34996.	4.0	38
11	Poly(vinylpyrrolidone)-doped $\text{SnO}_2$ as an electron transport layer for perovskite solar cells with improved performance. Journal of Materials Chemistry C, 2019, 7, 12204-12210.	2.7	28
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13	Surface Defect Dynamics in Organic-Inorganic Hybrid Perovskites: From Mechanism to Interfacial Properties. ACS Nano, 2019, 13, 12127-12136.	7.3	56
14	Room-temperature-processed fullerene single-crystalline nanoparticles for high-performance flexible perovskite photovoltaics. Journal of Materials Chemistry A, 2019, 7, 1509-1518.	5.2	25
15	Capillary-written single-crystalline all-inorganic perovskite microribbon arrays for highly-sensitive and thermal-stable photodetectors. Nanoscale, 2019, 11, 2453-2459.	2.8	19
16	Enhancing electron transport via graphene quantum dot/ $\text{SnO}_2$ composites for efficient and durable flexible perovskite photovoltaics. Journal of Materials Chemistry A, 2019, 7, 1878-1888.	5.2	67
17	Amphiphilic Fullerenes Employed to Improve the Quality of Perovskite Films and the Stability of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 24782-24788.	4.0	55
18	Enhanced Charge Transport by Incorporating Formamidinium and Cesium Cations into Two-Dimensional Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 11737-11741.	7.2	67
19	Enhanced Charge Transport by Incorporating Formamidinium and Cesium Cations into Two-Dimensional Perovskite Solar Cells. Angewandte Chemie, 2019, 131, 11863-11867.	1.6	22

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