Albertus Adrian Sutanto

List of Publications by Year in Descending Order

25 papers	383 citations	11 h-index	19 g-index
31 ext. papers	589 ext. citations	9.4 avg, IF	3.7 L-index

#	Paper	IF	Citations
25	Highly Planar Benzodipyrrole-Based Hole Transporting Materials with Passivation Effect for Efficient Perovskite Solar Cells. *Solar Rrl*, **2022**, 6, 2100667	7.1	2
24	Revealing Weak Dimensional Confinement Effects in Excitonic Silver/Bismuth Double Perovskites.. *Jacs Au*, **2022**, 2, 136-149		2
23	Two-Step Thermal Annealing: An Effective Route for 15 % Efficient Quasi-2D Perovskite Solar Cells. *ChemPlusChem*, **2021**, 86, 1044-1048	2.8	3
22	Isomeric Carbazole-Based Hole-Transporting Materials: Role of the Linkage Position on the Photovoltaic Performance of Perovskite Solar Cells. *Chemistry of Materials*, **2021**, 33, 3286-3296	9.6	10
21	Stable Perovskite Solar Cells Using Molecularly Engineered Functionalized Oligothiophenes as Low-Cost Hole-Transporting Materials. *Small*, **2021**, 17, e2100783	11	4
20	Two-Step Thermal Annealing: An Effective Route for 15 % Efficient Quasi-2D Perovskite Solar Cells. *ChemPlusChem*, **2021**, 86, 1040-1041	2.8	
19	2D/3D perovskite engineering eliminates interfacial recombination losses in hybrid perovskite solar cells. *CheM*, **2021**, 7, 1903-1916	16.2	32
18	Light Stability Enhancement of Perovskite Solar Cells Using 1H,1H,2H,2H-Perfluorooctyltriethoxysilane Passivation. *Solar Rrl*, **2021**, 5, 2000650	7.1	4
17	Fluorene-based enamines as low-cost and dopant-free hole transporting materials for high performance and stable perovskite solar cells. *Journal of Materials Chemistry A*, **2021**, 9, 301-309	13	13
16	Phosphine Oxide Derivative as a Passivating Agent to Enhance the Performance of Perovskite Solar Cells. *ACS Applied Energy Materials*, **2021**, 4, 1259-1268	6.1	3
15	Cut from the Same Cloth: Enamine-Derived Spirobifluorenes as Hole Transporters for Perovskite Solar Cells. *Chemistry of Materials*, **2021**, 33, 6059-6067	9.6	3
14	Cesium-doped Ti3C2Tx MXene for efficient and thermally stable perovskite solar cells. *Cell Reports Physical Science*, **2021**, 2, 100598	6.1	6
13	Self-Crystallized Multifunctional 2D Perovskite for Efficient and Stable Perovskite Solar Cells. *Advanced Functional Materials*, **2020**, 30, 1910620	15.6	45
12	Co-evaporation as an optimal technique towards compact methylammonium bismuth iodide layers. *Scientific Reports*, **2020**, 10, 10640	4.9	10
11	In Situ Analysis Reveals the Role of 2D Perovskite in Preventing Thermal-Induced Degradation in 2D/3D Perovskite Interfaces. *Nano Letters*, **2020**, 20, 3992-3998	11.5	41
10	Lead Sequestration from Perovskite Solar Cells Using a Metal Organic Framework Polymer Composite. *Energy Technology*, **2020**, 8, 2000239	3.5	19
9	Doped but Stable: Spirobisacridine Hole Transporting Materials for Hysteresis-Free and Stable Perovskite Solar Cells. *Journal of the American Chemical Society*, **2020**, 142, 1792-1800	16.4	29

List of Publications

8	Dynamical evolution of the 2D/3D interface: a hidden driver behind perovskite solar cell instability. *Journal of Materials Chemistry A*, **2020**, 8, 2343-2348	13	60
7	Gradient band structure: high performance perovskite solar cells using poly(bisphenol A anhydride-co-1,3-phenylenediamine). *Journal of Materials Chemistry A*, **2020**, 8, 17113-17119	13	11
6	Pushing the limit of Cs incorporation into FAPbBr3 perovskite to enhance solar cells performances. *APL Materials*, **2019**, 7, 041110	5.7	21
5	Oxasmaragdyrins as New and Efficient Hole-Transporting Materials for High-Performance Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2017**, 9, 31950-31958	9.5	20
4	Solvent-assisted crystallization via a delayed-annealing approach for highly efficient hybrid mesoscopic/planar perovskite solar cells. *Solar Energy Materials and Solar Cells*, **2017**, 172, 270-276	6.4	11
3	D-A-EA organic dyes for dye-sensitized solar cells: effect of E bridge length between two acceptors on photovoltaic properties. *Tetrahedron*, **2015**, 71, 7977-7984	2.4	6
2	Bi-functional interfaces by poly(ionic liquid) treatment in efficient pin and nip perovskite solar cells. *Energy and Environmental Science*,	35.4	21
1	Molecular Engineering of Fluorene-Based Hole-Transporting Materials for Efficient Perovskite Solar Cells. *Solar Rrl*,2100990	7.1	2