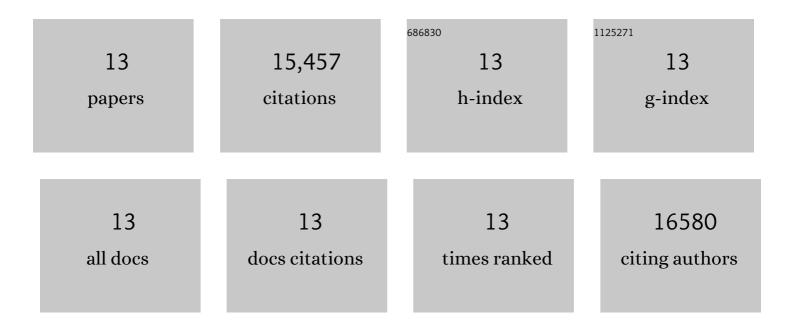
Jeong-Hyeok Im

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Supramolecular Engineering for Formamidiniumâ€Based Layered 2D Perovskite Solar Cells: Structural Complexity and Dynamics Revealed by Solidâ€State NMR Spectroscopy. Advanced Energy Materials, 2019, 9, 1900284.	10.2	89
2	Bifunctional Organic Spacers for Formamidinium-Based Hybrid Dion–Jacobson Two-Dimensional Perovskite Solar Cells. Nano Letters, 2019, 19, 150-157.	4.5	218
3	Nanowire Perovskite Solar Cell. Nano Letters, 2015, 15, 2120-2126.	4.5	321
4	3-D TiO ₂ nanoparticle/ITO nanowire nanocomposite antenna for efficient charge collection in solid state dye-sensitized solar cells. Nanoscale, 2014, 6, 6127-6132.	2.8	30
5	11% Efficient Perovskite Solar Cell Based on ZnO Nanorods: An Effective Charge Collection System. Journal of Physical Chemistry C, 2014, 118, 16567-16573.	1.5	611
6	Growth of CH3NH3PbI3 cuboids with controlled size for high-efficiency perovskite solar cells. Nature Nanotechnology, 2014, 9, 927-932.	15.6	1,600
7	Water photolysis at 12.3% efficiency via perovskite photovoltaics and Earth-abundant catalysts. Science, 2014, 345, 1593-1596.	6.0	2,260
8	Morphology-photovoltaic property correlation in perovskite solar cells: One-step versus two-step deposition of CH3NH3PbI3. APL Materials, 2014, 2, .	2.2	399
9	Lead Iodide Perovskite Sensitized All-Solid-State Submicron Thin Film Mesoscopic Solar Cell with Efficiency Exceeding 9%. Scientific Reports, 2012, 2, 591.	1.6	6,763
10	Synthesis, structure, and photovoltaic property of a nanocrystalline 2H perovskite-type novel sensitizer (CH3CH2NH3)PbI3. Nanoscale Research Letters, 2012, 7, 353.	3.1	225
11	6.5% efficient perovskite quantum-dot-sensitized solar cell. Nanoscale, 2011, 3, 4088.	2.8	2,789
12	Pseudo First-Order Adsorption Kinetics of N719 Dye on TiO ₂ Surface. ACS Applied Materials & Interfaces, 2011, 3, 1953-1957.	4.0	101
13	Unusual Enhancement of Photocurrent by Incorporation of Brönsted Base Thiourea into Electrolyte of Dye-Sensitized Solar Cell. Journal of Physical Chemistry C, 2010, 114, 19849-19852.	1.5	51