

# Seon Joo Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4936757/publications.pdf>

Version: 2024-02-01

17  
papers

1,675  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

3303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed or Segregated: Toward Efficient and Stable Mixed Halide Perovskite-Based Devices. ACS Omega, 2021, 6, 24304-24315.	3.5	29
2	Transparent Electrodes Consisting of a Surface-Treated Buffer Layer Based on Tungsten Oxide for Semitransparent Perovskite Solar Cells and Four-Terminal Tandem Applications. Small Methods, 2020, 4, 2000074.	8.6	41
3	Metal Oxide Charge Transport Layers for Efficient and Stable Perovskite Solar Cells. Advanced Functional Materials, 2019, 29, 1900455.	14.9	186
4	Energy-level engineering of the electron transporting layer for improving open-circuit voltage in dye and perovskite-based solar cells. Energy and Environmental Science, 2019, 12, 958-964.	30.8	116
5	Organic solvent-assisted synthesis of the $K_3SiF_7:Mn^{4+}$ red phosphor with improved morphology and stability. Journal of Materials Chemistry C, 2019, 7, 15014-15020.	5.5	15
6	Exploring wide bandgap metal oxides for perovskite solar cells. APL Materials, 2019, 7, .	5.1	54
7	Reducing Carrier Density in Formamidinium Tin Perovskites and Its Beneficial Effects on Stability and Efficiency of Perovskite Solar Cells. ACS Energy Letters, 2018, 3, 46-53.	17.4	158
8	Engineering Reaction Kinetics by Tailoring the Metal Tips of Metal-Semiconductor Nanodumbbells. Nano Letters, 2017, 17, 5688-5694.	9.1	31
9	Controllable synthesis of single crystalline Sn-based oxides and their application in perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 79-86.	10.3	45
10	Tailoring of Electron-Collecting Oxide Nanoparticulate Layer for Flexible Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2016, 7, 1845-1851.	4.6	93
11	Air-stable $CuInSe_2$ nanoparticles formed through partial cation exchange in methanol at room temperature. CrystEngComm, 2016, 18, 6069-6075.	2.6	11
12	Fabrication of Efficient Formamidinium Tin Iodide Perovskite Solar Cells through $SnF_2$ -Pyrazine Complex. Journal of the American Chemical Society, 2016, 138, 3974-3977.	13.7	658
13	Probing the nanoscale Schottky barrier of metal/semiconductor interfaces of Pt/CdSe/Pt nanodumbbells by conductive-probe atomic force microscopy. Nanoscale, 2015, 7, 12297-12301.	5.6	28
14	Bovine Serum Albumin as an Effective Surface Regulating Biopolymer for Morphology Control of Gold Polyhedrons. Crystal Growth and Design, 2013, 13, 4131-4137.	3.0	11
15	Hot Carrier-Driven Catalytic Reactions on Pt-CdSe-Pt Nanodumbbells and Pt/GaN under Light Irradiation. Nano Letters, 2013, 13, 1352-1358.	9.1	101
16	Geometric Effect of Single or Double Metal-Tipped CdSe Nanorods on Photocatalytic $H_2$ Generation. Journal of Physical Chemistry Letters, 2012, 3, 3781-3785.	4.6	83
17	Coordination Power Adjustment of Surface-Regulating Polymers for Shaping Gold Polyhedral Nanocrystals. Chemistry - A European Journal, 2011, 17, 8466-8471.	3.3	15