

# Changsoo Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,694  
citations

623734

14  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskite-polymer composite cross-linker approach for highly-stable and efficient perovskite solar cells. <i>Nature Communications</i> , 2019, 10, 520.	12.8	405
2	Tuning Molecular Interactions for Highly Reproducible and Efficient Formamidinium Perovskite Solar Cells via Adduct Approach. <i>Journal of the American Chemical Society</i> , 2018, 140, 6317-6324.	13.7	338
3	Highly active and stable stepped Cu surface for enhanced electrochemical CO <sub>2</sub> reduction to C <sub>2</sub> H <sub>4</sub> . <i>Nature Catalysis</i> , 2020, 3, 804-812.	34.4	298
4	Cu-Ag core-shell nanoparticles with enhanced oxidation stability for printed electronics. <i>Nanotechnology</i> , 2015, 26, 455601.	2.6	117
5	High-Performance Solution-Processed Double-Walled Carbon Nanotube Transparent Electrode for Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1901204.	19.5	101
6	Synthesis of Chemically Ordered Pt <sub>3</sub> Fe/C Intermetallic Electrocatalysts for Oxygen Reduction Reaction with Enhanced Activity and Durability via a Removable Carbon Coating. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31806-31815.	8.0	81
7	Semiconducting carbon nanotubes as crystal growth templates and grain bridges in perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12987-12992.	10.3	57
8	Intimate atomic Cu-Ag interfaces for high CO <sub>2</sub> RR selectivity towards CH <sub>4</sub> at low over potential. <i>Nano Research</i> , 2021, 14, 3497-3501.	10.4	54
9	Fabrication of sintering-free flexible copper nanowire/polymer composite transparent electrodes with enhanced chemical and mechanical stability. <i>Nano Research</i> , 2016, 9, 2162-2173.	10.4	45
10	Polyaromatic Nanotweezers on Semiconducting Carbon Nanotubes for the Growth and Interfacing of Lead Halide Perovskite Crystal Grains in Solar Cells. <i>Chemistry of Materials</i> , 2020, 32, 5125-5133.	6.7	45
11	Effects of shell thickness on Ag-Cu <sub>2</sub> O core-shell nanoparticles with bumpy structures for enhancing photocatalytic activity and stability. <i>Catalysis Today</i> , 2018, 303, 313-319.	4.4	41
12	Enhancing the activity and durability of iridium electrocatalyst supported on boron carbide by tuning the chemical state of iridium for oxygen evolution reaction. <i>Journal of Power Sources</i> , 2021, 512, 230506.	7.8	29
13	Atomically ordered Pt <sub>3</sub> Mn intermetallic electrocatalysts for the oxygen reduction reaction in fuel cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7399-7408.	10.3	26
14	Molecular-Scale Strategies to Achieve High Efficiency and Low Efficiency Roll-off in Simplified Solution-Processed Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2020, 30, 2005292.	14.9	21
15	Structural Effectiveness of AgCl-decorated Ag Nanowires Enhancing Oxygen Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7519-7528.	6.7	14
16	Ag <sub>2</sub> S-CoS hetero-nanowires terminated with stepped surfaces for improved oxygen evolution reaction. <i>Catalysis Communications</i> , 2019, 129, 105749.	3.3	12
17	Uniform thin film electrode made of low-temperature-sinterable silver nanoparticles: optimized extent of ligand exchange from oleylamine to acrylic acid. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	5
18	Integration of Ultrathin Silicon and Metal Nanowires for High-Performance Transparent Electronics. <i>Advanced Materials Technologies</i> , 2020, 5, 1900962.	5.8	2

#	ARTICLE	IF	CITATIONS
19	A feasible strategy to prepare quantum dot-incorporated carbon nanofibers as free-standing platforms. <i>Nanoscale Advances</i> , 2019, 1, 3948-3956.	4.6	1
20	Transparent Electronics: Integration of Ultrathin Silicon and Metal Nanowires for High-Performance Transparent Electronics ( <i>Adv. Mater. Technol.</i> 4/2020). <i>Advanced Materials Technologies</i> , 2020, 5, 2070021.	5.8	0