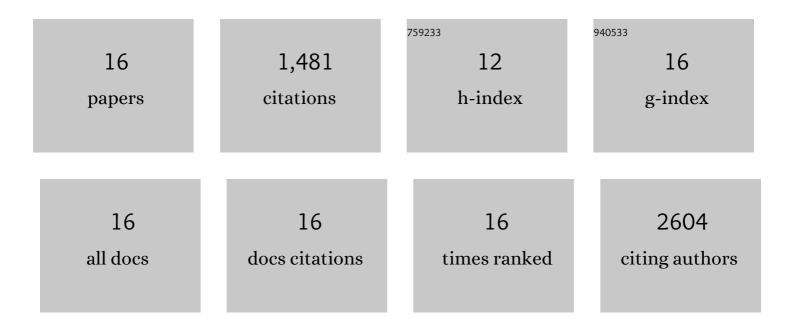
Shengtao Yu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8547126/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A Bioinspired, Reusable, Paperâ€Based System for Highâ€Performance Largeâ€Scale Evaporation. Advanced Materials, 2015, 27, 2768-2774.	21.0	698
2	The impact of surface chemistry on the performance of localized solar-driven evaporation system. Scientific Reports, 2015, 5, 13600.	3.3	140
3	Enabling Tailorable Optical Properties and Markedly Enhanced Stability of Perovskite Quantum Dots by Permanently Ligating with Polymer Hairs. Advanced Materials, 2019, 31, e1901602.	21.0	119
4	Self-Assembly of Emissive Nanocellulose/Quantum Dot Nanostructures for Chiral Fluorescent Materials. ACS Nano, 2019, 13, 9074-9081.	14.6	115
5	Largeâ€Area Lasing and Multicolor Perovskite Quantum Dot Patterns. Advanced Optical Materials, 2018, 6, 1800474.	7.3	95
6	All-Inorganic Perovskite Nanocrystals with a Stellar Set of Stabilities and Their Use in White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 37267-37276.	8.0	82
7	Enhancing Localized Evaporation through Separated Light Absorbing Centers and Scattering Centers. Scientific Reports, 2015, 5, 17276.	3.3	63
8	Vapor-Enabled Propulsion for Plasmonic Photothermal Motor at the Liquid/Air Interface. Journal of the American Chemical Society, 2017, 139, 12362-12365.	13.7	43
9	Integration of Optical Surface Structures with Chiral Nanocellulose for Enhanced Chiroptical Properties. Advanced Materials, 2020, 32, e1905600.	21.0	40
10	Composite Structures with Emissive Quantum Dots for Light Enhancement. Advanced Optical Materials, 2019, 7, 1801072.	7.3	30
11	Co-assembling Polysaccharide Nanocrystals and Nanofibers for Robust Chiral Iridescent Films. ACS Applied Materials & Interfaces, 2020, 12, 35345-35353.	8.0	17
12	Enhancing Plasmonic–Photonic Hybrid Cavity Modes by Coupling of Individual Plasmonic Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 24255-24262.	3.1	14
13	Enhanced Electrochemical Dark-Field Scattering Modulation on a Single Hybrid Core–Shell Nanostructure. Journal of Physical Chemistry C, 2019, 123, 28343-28352.	3.1	10
14	Heterogeneous forward and backward scattering modulation by polymer-infused plasmonic nanohole arrays. Journal of Materials Chemistry C, 2019, 7, 3090-3099.	5.5	8
15	Coupled Whispering Gallery Mode Resonators via Templateâ€Assisted Assembly of Photoluminescent Microspheres. Advanced Functional Materials, 2019, 29, 1902520.	14.9	5
16	Light-Driven Nanodroplet Generation Using Porous Membranes. Nano Letters, 2020, 20, 7874-7881.	9.1	2