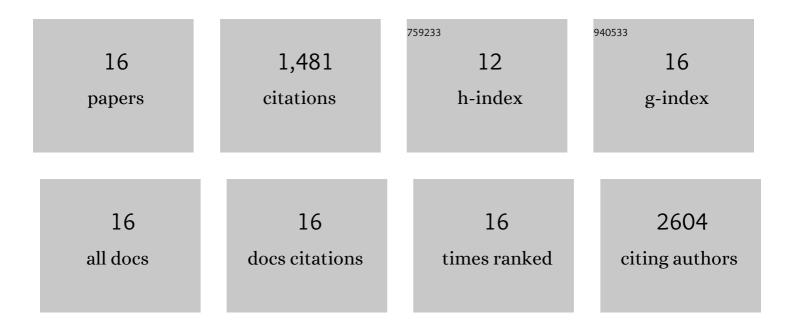
Shengtao Yu

List of Publications by Year in descending order

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SHENCTAO YU

#	Article	IF	CITATIONS
1	Integration of Optical Surface Structures with Chiral Nanocellulose for Enhanced Chiroptical Properties. Advanced Materials, 2020, 32, e1905600.	21.0	40
2	Light-Driven Nanodroplet Generation Using Porous Membranes. Nano Letters, 2020, 20, 7874-7881.	9.1	2
3	Co-assembling Polysaccharide Nanocrystals and Nanofibers for Robust Chiral Iridescent Films. ACS Applied Materials & Interfaces, 2020, 12, 35345-35353.	8.0	17
4	Self-Assembly of Emissive Nanocellulose/Quantum Dot Nanostructures for Chiral Fluorescent Materials. ACS Nano, 2019, 13, 9074-9081.	14.6	115
5	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
6	Enhancing Plasmonic–Photonic Hybrid Cavity Modes by Coupling of Individual Plasmonic Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 24255-24262.	3.1	14
7	Coupled Whispering Gallery Mode Resonators via Templateâ€Assisted Assembly of Photoluminescent Microspheres. Advanced Functional Materials, 2019, 29, 1902520.	14.9	5
8	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
9	Heterogeneous forward and backward scattering modulation by polymer-infused plasmonic nanohole arrays. Journal of Materials Chemistry C, 2019, 7, 3090-3099.	5.5	8
10	Composite Structures with Emissive Quantum Dots for Light Enhancement. Advanced Optical Materials, 2019, 7, 1801072.	7.3	30
11	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
12	Largeâ€Area Lasing and Multicolor Perovskite Quantum Dot Patterns. Advanced Optical Materials, 2018, 6, 1800474.	7.3	95
13	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
14	The impact of surface chemistry on the performance of localized solar-driven evaporation system. Scientific Reports, 2015, 5, 13600.	3.3	140
15	Enhancing Localized Evaporation through Separated Light Absorbing Centers and Scattering Centers. Scientific Reports, 2015, 5, 17276.	3.3	63
16	A Bioinspired, Reusable, Paperâ€Based System for Highâ€Performance Largeâ€Scale Evaporation. Advanced Materials, 2015, 27, 2768-2774.	21.0	698