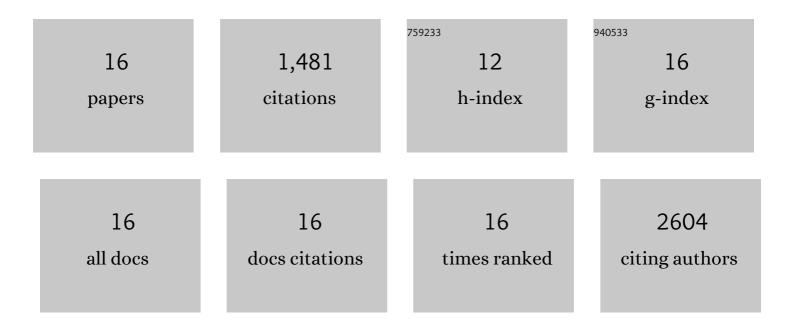
Shengtao Yu

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 |