

# Cheng-Hao Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

384  
citations

759233

12  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

331  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Green Synthesis of Smart Metal/Polymer Nanocomposite Particles and Their Tuneable Catalytic Activities. <i>Polymers</i> , 2016, 8, 105.   | 4.5  | 43        |
| 2  | Dyeing cotton in alkane solvent using polyethylene glycol-based reverse micelle as reactive dye carrier. <i>Cellulose</i> , 2016, 23, 965-980.  | 4.9  | 42        |
| 3  | Improved Raman spectroscopy-based approach to assess microplastics in seafood. <i>Environmental Pollution</i> , 2021, 289, 117648.  | 7.5  | 35        |
| 4  | Determination of microplastics in the edible green-lipped mussel <i>Perna viridis</i> using an automated mapping technique of Raman microspectroscopy. <i>Journal of Hazardous Materials</i> , 2021, 420, 126541.     | 12.4 | 30        |
| 5  | Nanobubble-assisted scaling inhibition in membrane distillation for the treatment of high-salinity brine. <i>Water Research</i> , 2022, 209, 117954.  | 11.3 | 30        |
| 6  | Dyeing Properties of Cotton with Reactive Dye in Nonane Nonaqueous Reverse Micelle System. <i>ACS Omega</i> , 2018, 3, 2812-2819.   | 3.5  | 21        |
| 7  | Octane-Assisted Reverse Micellar Dyeing of Cotton with Reactive Dyes. <i>Polymers</i> , 2017, 9, 678.   | 4.5  | 20        |
| 8  | Fabrication of Structural-Coloured Carbon Fabrics by Thermal Assisted Gravity Sedimentation Method. <i>Nanomaterials</i> , 2020, 10, 1133.  | 4.1  | 18        |
| 9  | Effects of temperature and particle concentration on aggregation of nanoplastics in freshwater and seawater. <i>Science of the Total Environment</i> , 2022, 817, 152562.   | 8.0  | 17        |
| 10 | The onset of surface-enhanced Raman scattering for single-particle detection of submicroplastics. <i>Journal of Environmental Sciences</i> , 2022, 121, 58-64.  | 6.1  | 15        |
| 11 | Formation of nanostructured materials using inexpensive hollow particles of amphiphilic graft copolymers as building blocks: 1. insight into the mechanism of nanotube formation. <i>Soft Matter</i> , 2009, 5, 4914. | 2.7  | 13        |
| 12 | Comparison of computer colour matching of water-based and solvent-based reverse micellar dyeing of cotton fibre. <i>Coloration Technology</i> , 2018, 134, 258-265.   | 1.5  | 12        |
| 13 | Reverse Micellar Dyeing of Cotton Fiber with Reactive Dyes: A Study of the Effect of Water pH and Hardness. <i>ACS Omega</i> , 2019, 4, 11808-11814.  | 3.5  | 12        |
| 14 | Synthesis and Characterization of Solvent-Invertible Amphiphilic Hollow Particles. <i>Langmuir</i> , 2013, 29, 7583-7590.   | 3.5  | 11        |
| 15 | Influence of temperature on the formation and encapsulation of gold nanoparticles using a temperature-sensitive template. <i>Data in Brief</i> , 2015, 5, 434-438.  | 1.0  | 11        |
| 16 | Effect of graphene oxide inclusion on the optical reflection of a silica photonic crystal film. <i>RSC Advances</i> , 2018, 8, 16593-16602.   | 3.6  | 11        |
| 17 | In Vivo Biodistribution, Clearance, and Biocompatibility of Multiple Carbon Dots Containing Nanoparticles for Biomedical Application. <i>Pharmaceutics</i> , 2021, 13, 1872.  | 4.5  | 10        |
| 18 | Aqueous Synthesis of Multi-Carbon Dot Cross-Linked Polyethyleneimine Particles with Enhanced Photoluminescent Properties. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800869.                            | 3.9  | 9         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Reverse Micellar Dyeing of Wool Fabric with Reactive Dyes. <i>Fibers and Polymers</i> , 2019, 20, 2367-2375.  | 2.1 | 7         |
| 20 | Amphiphilic Core-Shell Nanocomposite Particles for Enhanced Magnetic Resonance Imaging. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 756-763.                              | 2.3 | 6         |
| 21 | pH-induced formation of various hierarchical structures from amphiphilic core-shell nanotubes. <i>RSC Advances</i> , 2012, 2, 1303.   | 3.6 | 4         |
| 22 | Graphene Oxide/Reduced Graphene Oxide Enhanced Noniridescent Structural Colors Based on Silica Photonic Spray Paints with Improved Mechanical Robustness. <i>Nanomaterials</i> , 2021, 11, 949. | 4.1 | 4         |
| 23 | A Computer Color-Matching Study of Reverse Micellar Dyeing of Wool with Reactive Dyes. <i>Polymers</i> , 2019, 11, 132.   | 4.5 | 2         |
| 24 | Dyeing Wool Knitted Fabric in Nano-scale Reverse Micelle with Reactive Dyes – A Computer Colour Matching Study. <i>Fibers and Polymers</i> , 2021, 22, 1320-1332.                               | 2.1 | 1         |