

# Taifeng Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8111562/publications.pdf>

Version: 2024-02-01

14  
papers

605  
citations

1039880

9  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

899  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Comprehensive suppression of single-molecule conductance using destructive $\tilde{f}$ -interference. <i>Nature</i> , 2018, 558, 415-419.   | 13.7 | 256       |
| 2  | Chiral Conjugated Corrals. <i>Journal of the American Chemical Society</i> , 2015, 137, 9982-9987.  | 6.6  | 104       |
| 3  | Controlling Singlet Fission by Molecular Contortion. <i>Journal of the American Chemical Society</i> , 2019, 141, 13143-13147.  | 6.6  | 47        |
| 4  | Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. <i>Advanced Functional Materials</i> , 2021, 31, 2009718.                                   | 7.8  | 43        |
| 5  | High Quality Pyrazinoquinoxaline-Based Graphdiyne for Efficient Gradient Storage of Lithium Ions. <i>Nano Letters</i> , 2020, 20, 7333-7341.  | 4.5  | 39        |
| 6  | Permethylated Introduces Destructive Quantum Interference in Saturated Silanes. <i>Journal of the American Chemical Society</i> , 2019, 141, 15471-15476.   | 6.6  | 28        |
| 7  | Large Variations in the Single-Molecule Conductance of Cyclic and Bicyclic Silanes. <i>Journal of the American Chemical Society</i> , 2018, 140, 15080-15088.                                       | 6.6  | 27        |
| 8  | Stringing the Perylene Diimide Bow. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14303-14307.   | 7.2  | 23        |
| 9  | Synthesis, Regioselective Bromination, and Functionalization of Coronene Tetracarboxydiimide. <i>Journal of Organic Chemistry</i> , 2019, 84, 2713-2720.  | 1.7  | 14        |
| 10 | Divergent Synthesis of Contorted Polycyclic Aromatics Containing Pentagons, Heptagon, and/or Azulene. <i>Organic Letters</i> , 2021, , .  | 2.4  | 8         |
| 11 | Regio- and Steric Effects on Single Molecule Conductance of Phenanthrenes. <i>Nano Letters</i> , 2021, 21, 10333-10340.   | 4.5  | 6         |
| 12 | Stringing the Perylene Diimide Bow. <i>Angewandte Chemie</i> , 2020, 132, 14409-14413.  | 1.6  | 5         |
| 13 | Graphyne-oxide supported Pd catalyst with ten times higher nitrobenzenes reduction activity than Pd/C. <i>Research on Chemical Intermediates</i> , 2018, 44, 6327-6337.                             | 1.3  | 4         |
| 14 | Graphyne-like Porous Carbon-rich Network Supported Pd Nanoparticles as an Efficient Catalyst for Suzuki-Miyaura Couplings under Aerobic Conditions. <i>Current Nanoscience</i> , 2018, 14, 503-510. | 0.7  | 1         |