

# Haw-Tyng Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

287  
citations

1039406

9  
h-index

1281420

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

343  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Tuning Triplet-Pair Separation versus Relaxation Using a Diamond Anvil Cell. Cell Reports Physical Science, 2020, 1, 100005.  | 2.8 | 7         |
| 2  | Nanoarchitecture through Strained Molecules: Cubane-Derived Scaffolds and the Smallest Carbon Nanothreads. Journal of the American Chemical Society, 2020, 142, 17944-17955.  | 6.6 | 32        |
| 3  | Evidence for Orientational Order in Nanothreads Derived from Thiophene. Journal of Physical Chemistry Letters, 2019, 10, 7164-7171.   | 2.1 | 36        |
| 4  | High-Pressure Behavior of C2I2 and Polymerization to a Conductive Polymer. Journal of Physical Chemistry C, 2019, 123, 11369-11377.   | 1.5 | 14        |
| 5  | Modifying Carbon Nitride through Extreme Phosphorus Substitution. , 2019, 1, 14-19.   |     | 13        |
| 6  | Synthesis and understanding of Na11Sn2PSe12 with enhanced ionic conductivity for all-solid-state Na-ion battery. Energy Storage Materials, 2019, 17, 70-77.   | 9.5 | 42        |
| 7  | Chemistry through cocrystals: pressure-induced polymerization of C <sub>2</sub> H <sub>2</sub> ·C <sub>6</sub> H <sub>6</sub> to an extended crystalline hydrocarbon. Physical Chemistry Chemical Physics, 2018, 20, 7282-7294. | 1.3 | 15        |
| 8  | Surprising Stability of Cubane under Extreme Pressure. Journal of Physical Chemistry Letters, 2018, 9, 2031-2037.   | 2.1 | 12        |
| 9  | Carbon Nitride Nanowire Crystals Derived from Pyridine. Journal of the American Chemical Society, 2018, 140, 4969-4972.   | 6.6 | 81        |
| 10 | Low-dose Transmission Electron Microscopy of Highly-Oriented Polyacetylene. Microscopy and Microanalysis, 2018, 24, 2030-2031.  | 0.2 | 4         |
| 11 | Crystal structure and mechanical properties of a new ternary phase in Mg-Zn-Y alloy solidified under high pressure. Journal of Alloys and Compounds, 2017, 717, 214-218.  | 2.8 | 19        |
| 12 | From Linear Molecular Chains to Extended Polycyclic Networks: Polymerization of Dicyanoacetylene. Chemistry of Materials, 2017, 29, 6706-6718.  | 3.2 | 9         |
| 13 | Small core SiGe alloy optical fibers by templated deposition. , 2017, , .   |     | 3         |