

# Taixing Tan

## List of Publications by Year in descending order

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15  
papers

1,155  
citations

932766

10  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2394  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Direction-Controlled Growth of Five-Fold Ag and Ag/Au Nanocrystals: Implications for Transparent Conductive Films. ACS Applied Nano Materials, 2022, 5, 957-964.  | 2.4 | 3         |
| 2  | Three-Step, Seed-Mediated Synthesis of Ultrathin AgNWs in Aqueous Solution. Chemistry of Materials, 2022, 34, 4613-4620.  | 3.2 | 2         |
| 3  | Resolving the stacking fault structure of silver nanoplates. Nanoscale, 2021, 13, 195-205.  | 2.8 | 28        |
| 4  | Ultra-stable oxygen species in Ag nanoparticles anchored on g-C <sub>3</sub> N <sub>4</sub> for enhanced electrochemical reduction of CO <sub>2</sub> . Electrochimica Acta, 2021, 390, 138831.   | 2.6 | 13        |
| 5  | Seed-mediated Growth of Alloyed Ag-Pd Shells toward Alkyne Semi-hydrogenation Reactions under Mild Conditions. Chinese Journal of Chemistry, 2021, 39, 3071-3078.   | 2.6 | 2         |
| 6  | Precise Control of the Lateral and Vertical Growth of Two-Dimensional Ag Nanoplates. Chemistry - A European Journal, 2017, 23, 10001-10006.   | 1.7 | 7         |
| 7  | Synthesis and ORR electrocatalytic activity of mixed Mn-Co oxides derived from divalent metal-based MIL-53 analogues. Dalton Transactions, 2017, 46, 15512-15519.   | 1.6 | 26        |
| 8  | Branched Ag nanoplates: synthesis dictated by suppressing surface diffusion and catalytic activity for nitrophenol reduction. CrystEngComm, 2017, 19, 6339-6346.  | 1.3 | 8         |
| 9  | Synthesis of tapered tetragonal nanorods of anatase TiO <sub>2</sub> with enhanced photocatalytic activity via a sol-hydrothermal process mediated by H <sub>2</sub> O <sub>2</sub> and NH <sub>3</sub> . Journal of Materials Chemistry A, 2015, 3, 15265-15273. | 5.2 | 12        |
| 10 | LSPR-dependent SERS performance of silver nanoplates with highly stable and broad tunable LSPRs prepared through an improved seed-mediated strategy. Physical Chemistry Chemical Physics, 2013, 15, 21034.  | 1.3 | 80        |
| 11 | Facile synthesis and shape control of Fe <sub>3</sub> O <sub>4</sub> nanocrystals with good dispersion and stabilization. CrystEngComm, 2013, 15, 3366.   | 1.3 | 19        |
| 12 | A novel soft template strategy to fabricate mesoporous carbon/graphene composites as high-performance supercapacitor electrodes. RSC Advances, 2012, 2, 8359.   | 1.7 | 82        |
| 13 | A facile one-pot route for the controllable growth of small sized and well-dispersed ZnO particles on GO-derived graphene. Journal of Materials Chemistry, 2012, 22, 11778.   | 6.7 | 159       |
| 14 | Nitrogen-doped graphene with high nitrogen level via a one-step hydrothermal reaction of graphene oxide with urea for superior capacitive energy storage. RSC Advances, 2012, 2, 4498.  | 1.7 | 696       |
| 15 | In Situ Reduction, Oxygen Etching, and Reduction Using Formic Acid: An Effective Strategy for Controllable Growth of Monodisperse Palladium Nanoparticles on Graphene. ChemPlusChem, 2012, 77, 301-307.   | 1.3 | 18        |