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	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
2	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
3	A novel soft template strategy to fabricate mesoporous carbon/graphene composites as high-performance supercapacitor electrodes. RSC Advances, 2012, 2, 8359.	1.7	82
4	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
5	Resolving the stacking fault structure of silver nanoplates. Nanoscale, 2021, 13, 195-205.	2.8	28
6	Synthesis and ORR electrocatalytic activity of mixed Mnâ€“Co oxides derived from divalent metal-based MIL-53 analogues. Dalton Transactions, 2017, 46, 15512-15519.	1.6	26
7	Facile synthesis and shape control of Fe3O4 nanocrystals with good dispersion and stabilization. CrystEngComm, 2013, 15, 3366.	1.3	19
8	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
9	Ultra-stable oxygen species in Ag nanoparticles anchored on g-C3N4 for enhanced electrochemical reduction of CO2. Electrochimica Acta, 2021, 390, 138831.	2.6	13
10	Synthesis of tapered tetragonal nanorods of anatase TiO₂ with enhanced photocatalytic activity via a solâ€“hydrothermal process mediated by H₂O₂ and NH₃. Journal of Materials Chemistry A, 2015, 3, 15265-15273.	5.2	12
11	Branched Ag nanoplates: synthesis dictated by suppressing surface diffusion and catalytic activity for nitrophenol reduction. CrystEngComm, 2017, 19, 6339-6346.	1.3	8
12	Precise Control of the Lateral and Vertical Growth of Twoâ€Dimensional Ag Nanoplates. Chemistry - A European Journal, 2017, 23, 10001-10006.	1.7	7
13	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
14	Seedâ€mediated Growth of Alloyed<scp>Agâ€Pd</scp>Shells toward Alkyne Semiâ€hydrogenation Reactions under Mild Conditions^{â€}. Chinese Journal of Chemistry, 2021, 39, 3071-3078.	2.6	2
15	Three-Step, Seed-Mediated Synthesis of Ultrathin AgNWs in Aqueous Solution. Chemistry of Materials, 2022, 34, 4613-4620.	3.2	2