# Ye Cong

List of Publications by Year
in descending order



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|---|---|---|---|
| 62 papers | 3,186 citations | 279798 23 h-index | 161849 54 g-index |
| 62 all docs | 62 docs citations | 62 times ranked | 4252 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Synthesis and Characterization of Nitrogen-Doped TiO2Nanophotocatalyst with High Visible Light Activity. Journal of Physical Chemistry C, 2007, 111, 6976-6982. | 3.1 | 943 |
| 2 | Preparation, Photocatalytic Activity, and Mechanism of Nano-TiO2Co-Doped with Nitrogen and Iron (III). Journal of Physical Chemistry C, 2007, 111, 10618-10623. | 3.1 | 482 |
| 3 | Carbon-doped TiO2 coating on multiwalled carbon nanotubes with higher visible light photocatalytic activity. Applied Catalysis B: Environmental, 2011, 107, 128-134. | 20.2 | 206 |
| 4 | A hydrofluoric acid-free synthesis of 2D vanadium carbide (V<sub>2</sub>C) MXene for supercapacitor electrodes. 2D Materials, 2020, 7, 025010. | 4.4 | 127 |
| 5 | Graphite blocks with preferred orientation and high thermal conductivity. Carbon, 2012, 50, 175-182. | 10.3 | 122 |
| 6 | Improving the thermal stability and photocatalytic activity of nanosized titanium dioxide via La3+ and N co-doping. Applied Catalysis B: Environmental, 2011, 101, 376-381. | 20.2 | 118 |
| 7 | Carbon and Nitrogen-codoped TiO2with High Visible Light Photocatalytic Activity. Chemistry Letters, 2006, 35, 800-801. | 1.3 | 95 |
| 8 | Anchoring a uniform TiO2 layer on graphene oxide sheets as an efficient visible light photocatalyst. Applied Surface Science, 2013, 282, 400-407. | 6.1 | 80 |
| 9 | Pitch-based ribbon-shaped carbon-fiber-reinforced one-dimensional carbon/carbon composites with ultrahigh thermal conductivity. Carbon, 2014, 68, 413-425. | 10.3 | 73 |
| 10 | A comprehensive study on the oxidative stabilization of mesophase pitch-based tape-shaped thick fibers with oxygen. Carbon, 2017, 115, 59-76. | 10.3 | 66 |
| 11 | Ternary BiOBr/TiO2/Ti3C2T MXene nanocomposites with heterojunction structure and improved photocatalysis performance. Chinese Chemical Letters, 2020, 31, 1022-1025. | 9.0 | 58 |
| 12 | Enhanced active sulfur in soft carbon via synergistic doping effect for ultraâ€“stable lithiumâ€“ion batteries. Energy Storage Materials, 2020, 24, 450-457. | 18.0 | 46 |
| 13 | Flexible Ti2C MXene film: Synthesis, electrochemical performance and capacitance behavior. Chemical Engineering Journal, 2022, 433, 133582. | 12.7 | 43 |
| 14 | The structure and properties of ribbon-shaped carbon fibers with high orientation. Carbon, 2014, 68, 426-439. | 10.3 | 41 |
| 15 | Synergistic effects of doped Fe3+ and deposited Au on improving the photocatalytic activity of TiO2. Catalysis Letters, 2006, 111, 207-211. | 2.6 | 39 |
| 16 | Influence of infiltration temperature on the microstructure and oxidation behavior of SiCâ€“ZrC ceramic coating on C/C composites prepared by reactive melt infiltration. Ceramics International, 2015, 41, 797-811. | 4.8 | 39 |
| 17 | Synthesis of SiC nanowires via catalyst-free pyrolysis of silicon-containing carbon materials derived from a hybrid precursor. Ceramics International, 2017, 43, 11006-11014. | 4.8 | 38 |
| 18 | Preparation and characterization of nitrogen-doped TiO2 photocatalyst in different acid environments. Research on Chemical Intermediates, 2006, 32, 717-724. | 2.7 | 33 |

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|---|---|---|---|
| 19 | Fabrication of protective tantalum carbide coatings on carbon fibers using a molten salt method. Applied Surface Science, 2008, 254, 5936-5940. | 6.1 | 31 |
| 20 | Low-Temperature Preparation of Single Crystal Titanium Carbide Nanofibers in Molten Salts. Crystal Growth and Design, 2011, 11, 3122-3129. | 3.0 | 30 |
| 21 | Synthesis of bi-porous TiO2 with crystalline framework using a double surfactant system. Microporous and Mesoporous Materials, 2006, 95, 220-225. | 4.4 | 27 |
| 22 | Effect of Carbonaceous Precursors on the Structure of Mesophase Pitches and Their Derived Cokes. Energy & Fuels, 2018, 32, 8329-8339. | 5.1 | 27 |
| 23 | A review of aligned carbon nanotube arrays and carbon/carbon composites: fabrication, thermal conduction properties and applications in thermal management. New Carbon Materials, 2021, 36, 873-892. | 6.1 | 27 |
| 24 | Accelerating the oxidative stabilization of pitch fibers and improving the physical performance of carbon fibers by modifying naphthalene-based mesophase pitch with C9 resin. Journal of Analytical and Applied Pyrolysis, 2021, 154, 105009. | 5.5 | 24 |
| 25 | Synthesis in molten salts and formation reaction kinetics of tantalum carbide coatings on various carbon fibers. Surface and Coatings Technology, 2012, 212, 169-179. | 4.8 | 23 |
| 26 | Tensile strength, oxidation resistance and wettability of carbon fibers coated with a TiC layer using a molten salt method. Materials & Design, 2013, 50, 156-164. | 5.1 | 23 |
| 27 | Improved rate performance and cycling stability of graphitized mesoporous carbon as anode materials for lithium-ion batteries. Journal of Materials Science, 2019, 54, 648-658. | 3.7 | 23 |
| 28 | Fabrication and oxidation resistance of titanium carbide-coated carbon fibres by reacting titanium hydride with carbon fibres in molten salts. Thin Solid Films, 2009, 517, 3248-3252. | 1.8 | 22 |
| 29 | Constructing the Bridge from Isotropic to Anisotropic Pitches for Preparing Pitch-Based Carbon Fibers with Tunable Structures and Properties. ACS Omega, 2020, 5, 21948-21960. | 3.5 | 19 |
| 30 | Mesophase pitch-based graphite fiber-reinforced acrylonitrile butadiene styrene resin composites with high thermal conductivity. Carbon, 2015, 95, 1007-1019. | 10.3 | 18 |
| 31 | Coreâ€“shell structured carbon black@TiO2 microsphere with enhanced visible light photocatalytic activity. Materials Letters, 2015, 138, 200-203. | 2.6 | 17 |
| 32 | Effect of Liquid Crystalline Texture of Mesophase Pitches on the Structure and Property of Large-Diameter Carbon Fibers. ACS Omega, 2019, 4, 1095-1102. | 3.5 | 17 |
| 33 | Preparation and Characterization of Multi-functional Titanium Dioxide Photocatalysts. Topics in Catalysis, 2008, 47, 122-130. | 2.8 | 16 |
| 34 | Effects of activation temperatures on the surface structures and supercapacitive performances of porous carbon fibers. Surface and Coatings Technology, 2018, 349, 384-391. | 4.8 | 16 |
| 35 | Well-dispersed ultrafine Pt nanoparticles anchored on oxygen-rich surface of V2CT (MXene) for boosting hydrogen evolution reaction. Applied Surface Science, 2022, 582, 152481. | 6.1 | 15 |
| 36 | Vertically pillared V2CT /Ti3C2T flexible films for high-performance supercapacitors. Journal of Alloys and Compounds, 2022, 906, 164302. | 5.5 | 15 |

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| 37 | Unique graphitized mesophase carbon microbead@niobium carbide-derived carbon composites as high performance anode materials of lithium-ion battery. Electrochimica Acta, 2017, 238, 112-119. | 5.2 | 14 |
| 38 | Synthesis of tantalum carbide from multiwall carbon nanotubes in a molten salt medium. New Carbon Materials, 2017, 32, 205-212. | 6.1 | 14 |
| 39 | Effect of carbon fiber crystallite size on the formation of hafnium carbide coating and the mechanism of the reaction of hafnium with carbon fibers. Carbon, 2017, 115, 640-648. | 10.3 | 13 |
| 40 | Understanding the correlation between microstructure and electrochemical performance of hybridized pitch cokes for lithium-ion battery through tailoring their evolutional structures from ordered soft carbon to disordered hard carbon. Journal of Alloys and Compounds, 2021, 887, 161357. | 5.5 | 13 |
| 41 | Tuning anisotropic thermal conductivity of unidirectional carbon/carbon composites by incorporating carbonaceous fillers. Journal of Materials Science, 2020, 55, 5079-5098. | 3.7 | 11 |
| 42 | Grain boundary engineering of Co<sub>3</sub>O<sub>4</sub> nanomeshes for efficient electrochemical oxygen evolution. Nanotechnology, 2020, 31, 455401. | 2.6 | 11 |
| 43 | Synthesis, Crystal Structure and Nonlinear Optical Property of RbHgI3. Crystals, 2017, 7, 148. | 2.2 | 10 |
| 44 | Hydrothermal Synthesis and Photocatalytic Activity of Partially Reduced Graphene Oxide/TiO<sub>2</sub> Composite. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2013, 29, 1344-1350. | 4.9 | 9 |
| 45 | Cs<sub>2</sub>CdV<sub>2</sub>O<sub>6</sub>Cl<sub>2</sub> and Cs<sub>3</sub>CdV<sub>4</sub>O<sub>12</sub>Br: two new non-centrosymmetric oxyhalides containing d<sup>0</sup> and d<sup>10</sup> cations and exhibiting second harmonic generation activity. Dalton Transactions, 2019, 48, 10642-10651. | 3.3 | 9 |
| 46 | 2D porous Nb<sub>4</sub>N<sub>5</sub>@Nb<sub>2</sub>C heterojunctions for high-performance Li-ion batteries. 2D Materials, 2022, 9, 015029. | 4.4 | 9 |
| 47 | Synthesis of hierarchical porous carbon-TiO2 composites as anode materials for high performance lithium ion batteries. Research on Chemical Intermediates, 2017, 43, 2891-2904. | 2.7 | 7 |
| 48 | Two new mononuclear zinc(II) and cadmium(II) coordination polymers based on 4-(3-pyridyl)-2H-1,2,3-triazole: Syntheses, structures, theoretical and fluorescent properties. Polyhedron, 2019, 166, 44-51. | 2.2 | 6 |
| 49 | Preparation of pitch-based activated carbon fibers with high specific surface area and excellent adsorption properties. Research on Chemical Intermediates, 2022, 48, 1733-1746. | 2.7 | 5 |
| 50 | In situ growth and structure characterization of V2O5/TiO2 coatings on multiwalled carbon nanotubes. Research on Chemical Intermediates, 2015, 41, 9993-10005. | 2.7 | 4 |
| 51 | Preparation and Characterization of Highly Oriented Ribbon Shape Pitch-based Carbon Fibers. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2011, 26, 1025-1030. | 1.3 | 4 |
| 52 | Stretching modification on mesophase-pitch-based fibers during carbonization process: From laboratory batch experiments to pilot continuous production. Carbon, 2022, 197, 52-64. | 10.3 | 4 |
| 53 | The influence of double-layered cathode on contact resistance and electrical performance of solid oxide fuel cells self-supported by anodes. Solid State Ionics, 2017, 304, 20-26. | 2.7 | 2 |
| 54 | Chemical Methods for the Preparation of Multifunctional Photocatalysts. Nanostructure Science and Technology, 2010, , 7-33. | 0.1 | 1 |

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|---|---|---|---|
| 55 | Nitrogen and Lanthanum Co-Doped TiO<sub>2</sub> with Enhanced Photocatalytic Activity. Advanced Materials Research, 0, 179-180, 192-196. | 0.3 | 1 |
| 56 | Novel Iron(II) Complex as Single-Site Catalysts for Ethylene Polymerization. Advanced Materials Research, 2011, 239-242, 3314-3318. | 0.3 | 0 |
| 57 | Preparation and Structure Regulation of Silicon Carbide-Derived Carbon/ Spherical Natural Graphite Composites. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2015, 31, 583-588. | 4.9 | 0 |
| 58 | Preparation and oxidation resistance of Si-B co-doped pitch-based carbon fibers. Carbon, 2019, 153, 805. | 10.3 | 0 |
| 59 | Effects of Structure on Electrochemical Performances of Ribbon-Shaped Mesophase Pitch-Based Graphite Fibers. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 1699-1707. | 4.9 | 0 |
| 60 | Effects of Ceramic Precursor Ratio on Antioxidation Properties of Pitch-based Carbon Materials Doped with Si-Zr-B. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2016, 31, 1311. | 1.3 | 0 |
| 61 | F127 Template on Pore Structure and Electrochemical Performances of Mesoporous SnO$lt;inf$gt;2$lt;/inf$gt;. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2016, 31, 588. | 1.3 | 0 |
| 62 | Boron-carbon doped Silicon Carbide Fibers: Preparation and Property. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2019, 34, 493. | 1.3 | 0 |