

1. [Double network shape memory hydrogels activated by near-infrared with high mechanical toughness, nontoxicity, and 3D printability](#)

W Dai, H Guo, B Gao, M Ruan, L Xu, J Wu... - Chemical Engineering ..., 2019 - Elsevier ... Reagents Company. Acrylo Acryloyl chloride, sodium bicarbonate and Sodium Chloride were purchased from Aladdin Industrial Corporation. Graphene oxide (GO) was obtained from Nanjing **Ji Cang** Nano Technology Co., Ltd. 2,2 ...

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2. [An enhanced optoelectronic NO₂ gas sensors based on direct growth ZnO nanowalls in situ on porous rGO](#)

L Qi, L Yu, Z Liu, F Guo, Y qiang Gu, X Fan - Journal of Alloys and ..., 2018 - Elsevier ... 2. Experiments. 2.1. Fabrication of ZnO Nanowalls/rGO. The hybrid structure was synthesized

by creating PG films on the Ag interdigitated electrode substrate, and then growing ZnO nanowalls

on rGO films. PG powders (purchased from Nanjing **Ji Cang** Nano Technology Co ...

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3. [Silver Nanowire Mesh-Based Fuse Type Write-Once-Read-Many Memory](#)

L Zhu, S Chen, H Zhou, S Peng... - IEEE Electron ..., 2018 - ieeexplore.ieee.org

... AgNW solution. A 5 mg/ml AgN- W£Nan Jing **Ji Cang** Nano Technology solution in ethanol was coated using bar coating with the bar moving speed of 20 mm/s, followed by an annealing process at 100 °C for 10 mins. The ...

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[\[HTML\] rsc.org](#)

4. [\[HTML\] Hydration of phenylacetylene on sulfonated carbon materials: active site and intrinsic catalytic activity](#)

P Yan, Z Xie, S Tian, F Li, D Wang, DS Su, W Qi - RSC Advances, 2018 - pubs.rsc.org

... Carbon nanotubes (CNTs) were provided by Shandong Dazhan Nano Materials Co., Ltd. The

ordered mesoporous carbon (CMK) was purchased from Nanjing **Ji Cang** Nano Tech Co., Ltd.

2.2 Preparation of the carbon catalysts and the chemical reaction process ...

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5. [Plasmonic CuS nanodisk assembly based composite nanocapsules for NIR-laser-driven synergistic chemo-photothermal cancer therapy](#)

J He, L Ai, X Liu, H Huang, Y Li, M Zhang... - Journal of Materials ..., 2018 - pubs.rsc.org

... Penicillin–streptomycin (100×) for the cell cultures was purchased from Beyotime

Technologies. The CTAB decorated Au nanorods were purchased from Nanjing

Ji Cang Nano Tech Co., Ltd. 2.2 Synthesis of CuS nanodisks ...

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6. [Preparation of 5-\(Aminomethyl\)-2-furanmethanol by direct reductive amination of 5-Hydroxymethylfurfural with aqueous ammonia over the Ni/SBA-15 catalyst](#)

W Chen, Y Sun, J Du, Z Si, X Tang... - Journal of Chemical ..., 2018 - Wiley Online Library ... were purchased from Aladdin Reagent Co. Ltd (Shanghai, China). SBA-15 was provided by Nanjing Ji Cang Nano Technology Co. Ltd (Nanjing, China). Aqueous ammonia (25~28%) and other analytical reagents were purchased from Sinopharm ...

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7. [Large-scale synthesis of nitrogen doped MoS₂ quantum dots for efficient hydrogen evolution reaction](#)

P Zhang, B Xu, G Chen, C Gao, M Gao - Electrochimica Acta, 2018 - Elsevier

... Excessive ethanol was slowly added into the beaker and brown solution was created by stirring. Then different amount of nano-SiO₂ purchased from Nanjing Ji Cang Nano Tech Co. Ltd was added to five beakers of same brown solution ...

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8. [Electroanalysis of neurotransmitters via 3D gold nanoparticles and a graphene composite coupled with a microdialysis device](#)

SJ Zhang, K Kang, LM Niu, WJ Kang - Journal of Electroanalytical ..., 2019 - Elsevier

... experiments. 2. Materials and methods. 2.1. Reagents. DA was purchased from Alfa Aesar (Shanghai, China). 5-HT was purchased from Sigma and GO was purchased from Nanjing Ji Cang Nano Tech Co., Ltd. (Nanjing, China) ...

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9. [Vitamin K as a high-performance organic anode material for rechargeable potassium ion batteries](#)

Q Xue, D Li, Y Huang, X Zhang, Y Ye, E Fan... - Journal of Materials ..., 2018 - pubs.rsc.org

... surface45-47. Experimental Materials Synthesis Commercial VK (purchased from TCI Company) was milled in a mortar for the following experiment. The GNT was supplied by Nanjing Ji Cang Nano Technology Co. Ltd. The VK ...

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10. [Highly efficient heterostructured stannic disulfide/stannic anhydride hybrids: Synthesis, morphology, and photocatalytic reduction of chromium \(VI\) under visible light](#)

M Sun, K Mu, Q Wei, Z Yin, W Yan, L Sun... - Journal of colloid and ..., 2018 - Elsevier

... Controlled experiments and photoelectric property tests were performed to investigate the reaction mechanism for SnS₂/SnO₂ hybrids. 2 Experimental section. Commercial CNTs were obtained from Nan Jing Ji Cang Nano Technology Co. Ltd, China ...

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11. [Room-temperature hydrogen sulfide removal with zinc oxide nanoparticle/molecular sieve prepared by melt infiltration](#)

Q Geng, LJ Wang, C Yang, HY Zhang, YR Zhao... - Fuel Processing ..., 2019 - Elsevier ... Ltd. MCM-41 (AR) was purchased from Nankai University Catalyst Co. Ltd. SBA-15 (AR) and MCM-48 (AR) were purchased from Nanjing **Ji Cang** Nano Techonology Co. Ltd. All the chemicals were used without further purification. 2.2. Adsorbent preparation ...

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12. [Self-assembled hierarchical Sn₃O₄-multi-wall carbon nanotubes: Facile fabrication, promoted charge separation, and enhanced photocatalytic performances](#)

M Sun, T Yan, W Tingting, Y He, Y Shao, D Wei... - Materials Research ..., 2018 - Elsevier ... 2. Experimental section. 2.1. Synthesis of Sn₃O₄-CNTs hybrid photocatalysts. Sn₃O₄-CNTs hybrids were fabricated by a one-pot hydrothermal method. Firstly, the raw commercial CNTs (purchased from Nan Jing **Ji Cang** Nano Technology Co ...

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13. [Spatially-incoherent annular illumination microscopy for bright-field optical sectioning](#)

X Ma, Z Zhang, M Yao, J Peng, J Zhong - Ultramicroscopy, 2018 - Elsevier ... PSF. Alternatively, we use silver nanowires (**Ji Cang** Nano Tech Co., JCSW-995-150-50) which have strong scattering for axial resolution evaluation. The diameter of the nanowires is 150 ± 10 nm and the length is ~ 50 μ m ...

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14. [A promising voltammetric biosensor based on glutamate dehydrogenase/Fe₃O₄/graphene/chitosan nanobiocomposite for sensitive ammonium determination in PM_{2.5} ...](#)

L Yu, Q Zhang, D Jin, Q Xu, X Hu - Talanta, 2018 - Elsevier ... α -Ketoglutarate (α -KG) was bought from Tokyo Chemical Industry (Japan). Graphene (GR) was purchased from Nanjing **Ji Cang** Nano Technology Co., Ltd. (China). Methanesulfonic acid (MSA) was purchased from Energy Chemical (China) ...

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15. [Fabrication of hierarchical NiCo₂O₄@ NiCo₂S₄ core/shell nanowire arrays by an ion-exchange route and application to asymmetric supercapacitors](#)

X Wang, B Shi, F Huang, Y Fang, F Rong... - Journal of Alloys and ..., 2018 - Elsevier

... The asymmetric supercapacitor device was assembled with the hierarchical NiCo₂O₄@NiCo₂S₄ core/shell NWAs (1.0 cm × 2.0 cm) as the cathode electrode and porous carbon (Nanjing Ji Cang Nano Technology Co., Ltd) as the anode electrode ...

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16. [Sensitive detection of sulfate in PM_{2.5} via gold nanoparticles/poly-L-lysine/graphene composite film based arylsulfatase-inhibition biosensor](#)

L Yu, Q Zhang, D Jin, A Mao, Y Shu, Q Xu, Q Xu... - Sensors and Actuators B ..., 2018 - Elsevier

... Co., Ltd. (China). Poly-L-lysine (PLL, Mw = 30000-70000, 10% w/V) was provided by Chengdu Xiya Chemical Co., Ltd. (China). Graphene (GR) was a product of Nanjing Ji Cang Nano Technology Co., Ltd. (China). PM 2.5 samples ...

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17. [Internal Calibration Potentiometric Aptasensors for Simultaneous Detection of Hg²⁺, Cd²⁺, and As³⁺ Based on a Screen-Printed Carbon Electrodes Array](#)

W Tang, Z Wang, J Yu, F Zhang, P He - Analytical chemistry, 2018 - ACS Publications

... Reagents and Materials The following reagents and materials were used:

tetrachloroaurate(III)

tetrahydrate (HAuCl₄ · 4H₂O, 47.8% Au) and graphite oxide (Nanjing Ji Cang Nano Tech Co., Ltd., Nanjing, China); 4,4'-biphenyldithiol (BPT) (Tokyo Chemical Industry Co., Ltd ...

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