
Tao Chen

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EDUCATION

Sep 2018-Jun 2021	Wuhan University	Environmental Science	Master
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Main research field was adsorption of volatile organic compounds on carbonaceous materials.
Won the second grade scholarship in 2018-2019

Sep 2014-Jun 2018	Wuhan University	Environmental Science	Bachelor
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ARTICLES

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- [1] **Chen, T.**; Fu, C.; Liu, Y.; Pan, F.; Wu, F.; You, Z.; Li, J. Adsorption of Volatile Organic Compounds by Mesoporous Graphitized Carbon: Enhanced Organophilicity, Humidity Resistance, and Mass Transfer. *Sep Purif Technol.* 2021, 264, 118464.
 - [2] Pan, F.; **Chen, T.**; Cai, M.; Wu, F.; You, Z.; Li, J. Fabrication of Large-surface-area Graphitized Carbons by Potassium Hydroxide-promoted Catalytic Graphitization. *Mater Res Bull.* 2021, 140:111333.
 - [3] Ding, W.; Xu, J.; **Chen, T.**; Liu, C.; Li, J.; Wu, F. Co-Oxidation of As(III) and Fe(II) by Oxygen through Complexation between As(III) and Fe(II)/Fe(III) Species. *Water Res.* 2018, 143, 599–607.
 - [4] Li, J.; **Chen, T.**; Xiao, M.; Zhang, L. Volatile Organic Compound Adsorption Experiment Device. Chinese Patent No. CN209764636U.
 - [5] Li, J.; **Chen, T.**; Li, Z.; Xiao, M.; Zhang, L. Dynamic Adsorption Experiment Device for Volatile Organic Compounds. Chinese Patent No. CN209690278U.
 - [6] Li, J.; Pan, F.; Wu, F.; Shu, S.; Xiao, J.; **Chen, T.** Preparation Method of High Specific Surface Area Porous Graphitized Carbon. Chinese Patent No. CN108557816A. Under Verification.
 - [7] Li, J.; Cai, M.; Wu, F.; **Chen, T.** Preparation Method and Application of Graphitized Carbon With Large Specific Surface Area. Chinese Patent No. CN111732097A. Under Verification.

PRACTICE EXPERIENCE

Jun 2019-July 2019	France Excellence 2019 Summer School (Clermont-Ferrand)
Feb 2019-Feb 2021	Environmental Chemistry Laboratory Assistant (Wuhan university)
Oct 2018-Feb 2019	Second National Pollution Source Census (Wuhan)

SKILLS AND CERTIFICATE

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- **Laboratory:** GC, LC, XRD, SEM, FTIR, SSA analyzer, Zeta potential analyzer, Elemental Analyzer, TOC Analyzer, Atomic Adsorption Spectrophotometer.
 - **Computer:** Microsoft Office Suite, Origin, XPSPeak, Jade.
 - **Illustration:** Adobe Illustration, Adobe Photoshop, 3ds Max.
 - **Programming and Modelling:** Matlab.