

Qiang (Mike) Wang - OLED material expert

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EXPERIENCE

OLED material expert - [CYNORA](#), Germany

2018 Aug – Present

Postdoc - [Eindhoven University of Technology](#), Netherlands

2017 Oct – 2018 May

Department of Chemical Engineering and Chemistry

Group of prof. R. A. J. Janssen

EDUCATION

PhD - [Eindhoven University of Technology](#), Netherlands

2013 Sep – 2017 Sep

Department of Chemical Engineering and Chemistry

Group of prof. R. A. J. Janssen

Master - [Zhejiang University](#), China

2010 Sep – 2013 Mar

Department of Polymer Science and Engineering

Group of prof. Ben Zhong Tang

Bachelor - [Zhejiang University](#), China

2006 Sep – 2010 Jul

Department of Polymer Science and Engineering

PUBLICATION

1. [US2020290941A1](#) "Organic Molecules for Optoelectronic Devices", **Wang et al.**, Sep 17, 2020 (more patents have been submitted).
2. PhD thesis, **Q. Wang**, ISBN: [978-90-386-4341-0](#).
3. **Q. Wang**, J. J. van Franeker, B. J. Bruijnaers, M. M. Wienk, R. A. J. Janssen, *J. Mater. Chem. A* **2016**, *4*, 10532.
4. **Q. Wang**, H. Li, Q. Wei, J. Sun, J. Wang, X. Zhang, A. Qin and B. Tang, *Polym. Chem.* **2013**, *4*, 1396.
5. **Q. Wang**, M. Chen, B. Yao, J. Wang, J. Mei, J. Sun, A. Qin, B. Tang, *Macromol. Rapid Commun.* **2013**, *34*, 796.

EXPERTISE

Material design:

- 8+ years hands-on experience of **organic synthesis**
- Experienced in **structure – property correlation** of organic optoelectronic materials

Organic electronics:

- 4+ years hands-on experience of OPV **device fabrication** (solution process & evaporation)
- Deep understanding of **device physics** (OPV & OLED)

Cheminformatics:

- 2+ years' experience in **AI-assisted material design** (structure generation & virtual screening)

English:

- Fluent and strong in **communication** & **presentation**
- TOFEL score = 110