

Hanyang YE

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EDUCATION QUALIFICATION

2015-Now	University of Oxford Dept. of Condensed Matter Physics	DPhil (PhD) Research in organic solar cells
2014-2015	Zhejiang University Dept. of Materials Science & Engineering	M. Eng. Materials Engineering (transferred to PhD education)
2010-2014	Zhejiang University Dept. of Materials Science & Engineering	B.E. Materials Science & Engineering (Top 5%)
2012-2013	Uppsala University Sweden	Exchange Student

WORK EXPERIENCE

2020.01-2020.02	Zhejiang Energy Group R&D Intern
2019.07-2019.08	China Development Bank Loan Management Department Summer Intern
2016.10-2017.03	Physics Department, University of Oxford Lab demonstrator
2016.06-2019.12	Zhejiang University UK Alumni Association Vice-president (part-time)
2013.07-2013.09	University of Western Ontario Summer Research Intern

PUBLICATION

- **Ye, H.**; Kesava, S. V.; Hardigree, J. M.; Brown, R. E.; Mazzotta, G.; Warren, R.; Skabara, P.; Riede, M. Efficiency Enhancement of Small Molecule Organic Solar Cells Using Hexapropyltruxene as an Interface Layer. *J. Mater. Chem. C* 2020. <https://doi.org/10.1039/C9TC06845G>.
 - **Ye, H.**; Lauritzen, A.; Riede, M. Controlled growth of α -sexithiophene polymorphs via substrate treatment & temperature variation, *ACS Applied Materials & Interfaces*, in preparation for submission.
 - Ezugwu, S.; **Ye, H.**; Fanchini, G. Three-Dimensional Scanning near Field Optical Microscopy (3D-SNOM) Imaging of Random Arrays of Copper Nanoparticles: Implications for Plasmonic Solar Cell Enhancement. *Nanoscale* 2015, 7 (1), 252–260. <https://doi.org/10.1039/c4nr05094k>.
 - Duan, H.-G.; Jha, A.; Li, X.; Tiwari, V.; **Ye, H.**; Nayak, P. K.; Zhu, X.-L.; Li, Z.; Martinez, T. J.; Thorwart, M.; et al. Intermolecular Vibrations Drive Ultrafast Singlet Fission. *arXiv Prepr. arXiv1910.03338* 2019. (Science Advances, submitted)
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EXTRACURRICULAR ACTIVITIES

2019.06	14th International Symposium on Functional π-Electron Systems Delegate Berlin, Germany <ul style="list-style-type: none">• Poster presentation to the audience: Controlled growth of α-sexithiophene polymorphs via substrate treatment & temperature variation
2018.06	14th International Conference on Organic Electronics – 2018 Delegate Bordeaux, France <ul style="list-style-type: none">• Poster presentation to the audience: PCE enhancement of small molecule organic solar cells using hexapropyl-truxene as an interface layer
2016.10-2017.10	Oxford Global Leadership Initiative Program Cohort Member
2016.10-2017.10	Condensed Matter Physics Department Student Representative
2016.04-2016.06	NEST@Oxford (Training programme for DPhil student to solve real-world energy challenges) Delegate <ul style="list-style-type: none">• Case study on new energy automobiles, case study on solar energy infrastructure.
2015.11-2016.06	Liaison Subcommittee, Oxford Chinese Students & Scholars Association Committee Member <ul style="list-style-type: none">• Raised £ 2700 for the society and built up its relationship with JD.com, the 2nd largest B2C online retailers in China.

ADDITIONAL INFORMATION

Interests:	Hiking, photography, ballroom dance (Medallist in Oxford-Cambridge Varsity Match)
Achievements:	<ul style="list-style-type: none">• CSC-OXFORD Scholarship, 2015~2018.• COSF China Oxford Honorary Award, 2015.• Outstanding graduate of Zhejiang Province, 2014 (5/104)• Outstanding Thesis of Zhejiang University, 2014• Mitacs Globalink Scholarship, 2013 (government scholarship of China & Canada)• First-class scholarship for Outstanding Merits, Outstanding Students, 2010~2011 (3%), Second-class (5%) for twice• Outstanding Student Leader Awards, Outstanding League Leader of Zhejiang University, Excellent Student Awards in undergraduate study
Languages & Software:	Mandarin, English, Swedish (A1), German (A1), C, MATLAB, LaTeX, Pro/Engineer, AutoCAD, Photoshop
