



Guanfei SHEN

May 22, 1993



Biomass

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Organic chemistry

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Physical chemistry

Polymer

Bordeaux, France



Green chemistry

EDUCATION

12.2022-today **Université de Bordeaux**

Post-doc; **Supervisor:** Prof. Stephane QUIDEAU & Dr. Etienne GRAU

Research Direction: Bio-inspired synthesis of fully bio-based aromatic dendritic polymers

09.2019-11.2022 **Université Claude Bernard Lyon 1**

Organic Chemistry (Ph.D.); **Supervisor:** Prof. Bruno ANDRIOLETTI

Main classes: Green Chemistry, Sustainable Industrial Chemistry.

Research Direction: Green organic pathway to sustainable synthesis of bio-based NIPU in Deep Eutectic Solvent.

09.2016 -06.2019 **HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY**

Physical Chemistry (Master); **Supervisor:** Prof. Guochuan YIN

Main classes: Senior Physical Chemistry, Senior Organic Chemistry, Catalytic Chemistry.

Research Direction: Transformation of C5 to C6 sugars-band platform molecules through homogeneous, bi-phase, and heterogeneous carbonation.

09.2012 -06.2016 **XINYANG NORMAL UNIVERSITY**

Chemistry (Bachelor)

Main classes: Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Analytical Chemistry.

AWARDS

2019.09-2022.09 China Scholarship Council Funding

2016.09-2019.06 **HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY**

A full-scholarship, Zhixing-scholarship, Outstanding Graduate.

2012.09-2016.06 **XINYANG NORMAL UNIVERSITY**

School-scholarship (three times), Outstanding Graduate.

SCIENTIFIC PRODUCTIONS

- I have published 9 papers in *Mol. Catal.*, *Ind. Eng. Chem. Res.*, *ACS Sustain. Chem. Eng.*, *Molecules*, and others, including one review, and have 2 patents.
- I participated 4 times in international conferences, giving posters, flash, and oral presentations.
- Directed 3 masters to finish their thesis book.