

Guo-Hua HU

Distinguished professor at the University of Lorraine, Nancy, France

Member of the European Academy of Sciences – Engineering sciences

Member of the Institut Universitaire de France (Academic institute of France) – Engineering sciences

Email: guo-hua.hu@univ-lorraine.fr

Affiliations Ecole Européenne d'Ingénieurs en Génie des Matériaux (EEIGM)
(European Engineering School of Materials Engineering)
Laboratoire Réactions et Génie des Procédés (LRGP, UMR CNRS 7274)
(Laboratory of Reactions and Process Engineering)
University of Lorraine, Nancy, France

1. DISCIPLINARY FIELD AND RESEARCH AREAS:

Engineering sciences (chemical engineering and polymer engineering): flow-driven chemistry, polymer processing and recycling by reactive extrusion and/or polymerization, supercritical fluids assisted polymer processing and recycling, devolatilization, process modeling and optimization, polymer blends, (nano-)composites, bio-based materials, polymer materials for energy, circular processes and materials.

2. SCIENTIFIC PUBLICATIONS, PATENTS & BIBIOMETRICS:

Scientific publications: over 300 peer-reviewed articles

Patents: 8 international patents and 25 national ones.

Bibliometrics: over 12800 citations, H index = 60.

<https://scholar.google.com/citations?pli=1&authuser=1&user=93Fne6YAAAAJ>

https://www.researchgate.net/profile/Guo_Hua_Hu

<https://publons.com/researcher/1339512/guo-hua-hu/>

<https://orcid.org/0000-0002-1001-6386>

<https://www.scopus.com/authid/detail.uri?authorId=7401490506>

3. EDUCATION:

81-85 Bachelor degree in polymer chemical engineering of the East China University of Science and Technology, Shanghai, China.

85-86 French learning at the University of Foreign Languages, Shanghai, China.

86-87 Master degree in polymer engineering and science of the University of Strasbourg, France.

87-90 Doctoral degree in polymer engineering and science of the University of Strasbourg, France.

1996 Habilitation à diriger les recherches (HDR) of the University of Strasbourg, France.

4. EMPLOYMENT:

90-92 Post-doc in chemical & polymer engineering of the University of Pittsburgh, Pittsburgh, USA

92-98 CNRS Researcher (Chargé de recherche), Institut Charles Sadron-CNRS, Strasbourg, France.

98- Full Professor at the University of Lorraine, Nancy, France.

5. DISTINCTIONS & HONORS:

86-90 Scholarship of the Chinese government.

1996 Bronze medal of the CNRS.

2001 Laureate of the "The Morand LAMBLA Award" of the Polymer Processing Society.

2004 Member of the Institut Universitaire de France (IUF) - Academic institute of France.

2005 Laureate of the AFCRST award.

2005 Piercy distinguished visiting professor of the department of chemical engineering, University of Minnesota, Minneapolis, USA.

05-15 Guangbiao visiting chair professor of the State Key Laboratory of Chemical Engineering, Zhejiang University, Hangzhou, China.

07-08 Member of the 8th promotion of the Institut des Hautes Etudes de l'Entreprise.

2022 Member of the European Academy of Sciences.

6. EDITORIAL ACTIVITIES:

2022 Editor-in-chief of SPE Polymers of Wiley.

7. CONSULTING ACTIVITIES:

Consultant for major American and European chemical companies.