

## CURRICULUM VITAE

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*Professor, Ph. D.*

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### • EDUCATION

- 2007 Ph.D. Inorganic Chemistry, Department of Chemistry, Jilin University, China and Department of Chemistry, FUNDP (Facultés Universitaires Notre-Dame de la Paix, Membre de l'Académie universitaire 'Louvain'), Belgium (2005-2007, co-education in FUNDP)
- 2000 B.S. Department of Chemistry (major) and Science for Humanities (minor), Jilin University, China

### • POSITION(S)

- 2013–present Senior Fellow, permanent status in Institute of Inorganic and Structural Chemistry, Heinrich-Heine-Universität Dusseldorf, Germany
- 2011–present Professor, Co-Chair Expert of National First-rate Disciplines on NANOBIO of Wuhan University of Technology (WHUT), State Key Laboratory of Advanced Technology for Materials Synthesis and Processing (SKLATMSP), China
- 2013–present Vice Director (2022-), International Collaboration Joint Laboratory of Advanced Technology for Materials Synthesis and Processing of China's Ministry of Education  
Vice Director (2022-), Joint Laboratory of Advanced Marine Materials, National Laboratory for Marine Science and Technology (NLMST, Qingdao), China  
Associate, Harvard University, School of Engineering and Applied Sciences (2020-), U.S.A;  
Visiting Professor, Harvard University, U.S.A (2017-2020); Heinrich-Heine-Universität Dusseldorf, Germany (2014); University of Antwerp, Belgium (2014); l'Université du Littoral-Cote d'Opale, France (2015)
- 2008–2012 Chargé de Recherche, National Foundation of Scientific Research (FNRS), Belgium
- 2007–2008 Postdoctoral Researcher, FUNDP, Belgium

### • MEMBERSHIPS/FELLOWSHIPS/AWARDS

- 2022 "World's Top 2% Scientists 2022" (Stanford University & Elsevier publishing); "National Innovation Award" on China Industry-University-Research Institute Collaboration (China); "Outstanding Contribution Award" (LIANG Liang-Sheng Award for Hubei Science and Technology Progress, Hubei Federation of Returned Overseas)
- 2021 "Fellow of RSA" (The Royal Society of Art, RSA, UK)
- 2020 "Outstanding Middle-aged Expert" (Hubei, China, 50 per year); "Finalist Prize for Excellent Doctoral Dissertation Award" (Advisor Award, Chinese Society for Composite Materials (CSCM), China); "Chartered Science Teacher of RSC" (The Royal Society of Chemistry, RSC, UK)
- 2019 "Fellow of RSC" (The Royal Society of Chemistry, RSC, UK); "Chartered Scientist" (National Science Council, UK); "Natural Science Award" (First class, Hubei, China); "National Outstanding Doctoral Thesis Award" (Advisor Award, Chemical Industry and Engineering Society of China (CIESC), China); "Sustainable Energy Award" of Asia Advanced Materials Congress; "Community Entrepreneurs" (Silver Cup, 2018, 2019, Guangdong, China)
- 2018 "Guest Honour" of Asia Advanced Materials Congress
- 2016 "Outstanding Young Scholars" of Hubei (China)
- 2017 "Chartered Chemist" (RSC, UK); "National Energy Saving and Emission Reduction Award" for Excellent Undergraduate (3<sup>rd</sup> class, Advisor Award, China)
- 2011 "New Century Excellent Talents" (The Ministry of Education, China)
- 2010 "Chu-Tian Chair Scholar" (Hubei, China)
- 2005 "QiuShi Award" for Outstanding Postgraduate (HongKong, China)

### • TEACHING ACTIVITIES

- 2020–present Lecturer –The Structure and Functions of Materials, (>20 graduate students), WHUT, China
- 2019–present Lecturer –General Semiconductor Materials, (>30 students), WHUT, China
- 2016–present Lecturer –General Nano-Chemistry, (80-120 students, Theoretical and Practical course), WHUT, China
- 2012–present Lecturer –General Nano-Bio Self-assembly, (>120 students, T&P course), WHUT, China
- 2012–present Lecturer –General Living-Hybrid-Materials, (>120 students, T&P course), WHUT, China
- 2012–present Lecturer –Synthesis and Processing of Inorg. Materials, (>120 students, T&P course), WHUT, China

### • ORGANISATION AND PARTICIPATION OF SCIENTIFIC MEETINGS

- Over 40 invited lectures; 7 keynote lectures; 3 plenary lectures; 3 opening lectures
- Organizing Chief in 6 of International Symposium; Conference Secretary-General in 1 of International Forum;
- Organizing Members in 6 of International Conferences; Section Chief in over 30 of International Conference;
- Organization and Host of >240 International Frontier Lectures of Interdisciplinary Materials (>150 Scientists from >25 countries)

## SCIENTIFIC CONTRIBUTIONS AND REPRESENTATIVE PUBLICATIONS

<ul style="list-style-type: none"> <li>■ &gt;253 publications: 165 SCI papers, 2 books, 1 special issue, 12 book chapters, 51 Chinese patents, 21 Chinese patents applications, 1 USA patent</li> <li>■ Citation: &gt; 8000; H-index: 44; i-10-index: 115 (Google scholar)</li> <li>■ &gt;19 Cover Paper; &gt;10 Highlighted Paper; 2 Paper of &gt;1000 citations; &gt;30 Media Reports/Highlights</li> </ul>			
Journals	Sum	I.F.	Highlights
Nature Synthesis	1	N/A	(Leading Journal of Chemistry and Materials, Nature series) <i>corresponding author</i>
Chem. Soc. Rev.	3	46.21	(Leading Journal of Chemistry) 2 of “>1000 Highly Cited Paper”, 3 of <i>corresponding author</i>
Adv. Mater.	5	29.4	(Leading Journal of Materials) 1 “AA Paper” (“Advances in Advance” paper) recommended by <Adv. Mater.>; As “Trends of Chemistry in 2006” reported by <Nachrichtenaus der Chemie>; As “Cover Paper”, “Cover Suggestion”, “Hot Paper” and “Cover Recommendation”; 3 of the first authors and 2 of the corresponding authors
Angew. Chem. Int. Ed.	3	16.6	(Leading Journal of Chemistry) 2 of <i>corresponding author</i> and 1 of the fifth author
Chem	1	13.1	(Leading Journal of Chemistry, Cell series) <i>corresponding author</i>
Matter	4	13.1	(Leading Journal of Materials Science, Cell series) <i>corresponding author</i>
ACS Nano	2	17.1	(Leading Journal of Nanoscience and Nanotechnology) <i>corresponding author</i>
Nat. Sci. Rev.	2	20.6	(Leading Journal of Natural Science) <i>corresponding author</i>
Nano Lett.	4	10.8	(Leading Journal of Nanoscience and Nanotechnology) 2 of <i>corresponding author</i> , 1 of “Cover Paper”
Trends Biotechnol.	1	17.3	(Leading Journal of Biotechnology, Cell series) <i>corresponding author</i>
Sci. Bull.	1	18.9	(Leading Journal of Natural Science) <i>corresponding author</i>
Chem. Sci.	3	8.4	(Leading Journal of Chemistry) 3 of <i>corresponding author</i> , 2 of “Cover Paper”
Nano Energy	3	17.6	(Leading Journal of Energy) 2 of <i>corresponding author</i> , 1 of “Cover Paper” in <Nano Energy>; 1 of “Highly Cited Paper”
Chem. Commun.	11	4.9	1 of “Hot Paper” in <Chem. Commun.> and “Heart Cut Paper” highlighted by <J. Am. Chem. Soc.>; 1 of “Feature Article” paper in <Chem. Commun.>; 5 of “Cover Paper”
Appl. Catal. B-Environ.	2	22.1	(Leading Journal of Catalysis) 1 of <i>corresponding author</i>
Small	5	13.3	1 of “Frontspecies Paper” and 1 of “Cover Paper” in <Small>.
Adv. Funct. Mater.	2	19	(Leading Journal of Materials) <i>corresponding author</i>
Adv. Sci.	1	15.1	(Leading Journal of Science) <i>corresponding author</i>
Chem. Mater.	3	8.6	(Leading Journal of Materials) 1 of “Cover Paper”
Prog. Mater. Sci./J. Mater.Chem. A/ ACS Appl. Mater. Interface/ ChemSusChem/Chem. Eur. J./J. Catal./Crit. Rev. Solid State/J. Chem. Mater./Nanoscale etc.	61	5.0-46	2 of “Cover Paper” in <Nanoscale>; 1 of “Frontspecies Paper” in <ChemCatChem>; 1 of “Back Inside-Cover Paper” and “Highly Cited Paper” in <J. Mater. Chem.>; 1 of “Cover Paper” in <Critical Reviews in SSMS>; 1 of “Cover Paper” in <ACS Appl. Mater. Interface>; 1 of “Cover Paper” in <Chem. - Asian J.>; 1 of “Cover Paper” and “Hot Paper” in <Chem. Eur. J.>; 1 of “Cover Paper” in <Small Struct.>.
J. Phys. Chem. B et. al.	42	2.0-5.0	1 of “Most Downloaded Article” in <Chem. Phys. Lett.>.
Representative Reviews <sup>†</sup> and Books	Sum	I. F.	Remarks
Chem. Soc. Rev.	3	46.2	first or corresponding author
Energy Environ. Sci.	1	32.5	first & corresponding author
Angew. Chem. Int. Ed.	1	16.6	corresponding author
Adv. Funct. Mater.	1	19	corresponding author
Adv. Sci.	1	15.1	corresponding author
Trends Biotechnol.	1	17.3	corresponding author
<Hierarchically Structured Porous Materials: From Nanoscience to Catalysis, Separation, Optics, Energy and Life science> (Wiley-VCH)			co-chief editor
<Electrocatalysis in Energy Conversion and Storage Systems> of Special Issue of Electrochemistry Communications (Elsevier)			co-chief guest editor
< Photo-driven Seawater Splitting for Hydrogen Production> (Springer Nature)			chief editor
†Also counted in journals			