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个人简介

2016/08- 至今：副研究员，华东理工大学，中国

2012/09/-2016/09：博士后，生物纳米技术组，瓦赫宁根大学，荷兰

2008/09-2012/09：博士，物化与软物质课题组，瓦赫宁根大学，荷兰

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2001/09-2005/07：本科，化学学院，河北师范大学，中国

研究方向

1. 聚电解质纳米粒子的量化制备，以及负载酶的催化性能研究
2. 聚电解质胶束作为模板制备介孔二氧化硅纳米催化剂
3. 制备金属配位聚电解质胶束，发展新型多功能生物成像造影剂
4. 多组分聚电解质凝聚过程研究，模拟细胞结构和功能

研究成果及主要发表文章

【主要成果】

迄今发表 SCI 论文近 34 篇，包括 Angew. Chem. Int. Ed., Chem. Commun., Macromolecules, Soft Matter 等高分子材料和软物质领域的主流期刊。SCI 引用达 4 00 多次。其中四篇文章，分别被 Chem. Commun.，Chem. Eur. J., Mcromolecules 和 Ind. Eng. Chem. Res. 选做封面文章重点报道。

【近年来发表的代表性论文】

1. Jianan Huang, Jiahua Wang, Peng Ding, Wenjuan Zhou, Lei Liu, Xuhong Guo,* Martien A. Cohen Stuart* and Junyou Wang*, Hierarchical Assemblies of Dendrimers Embedded in Networks of Lanthanide-Based Supramolecular Polyelectrolytes. Macromolecules, 2019, 52, 1874 1881.

2. Kaijie Li, Jinxia Wei, Hongbo Yu, Pengyao Xu, Jiahua Wang, Hongfeng Yin, Martien A. Cohen Stuart, Junyou Wang* and Shenghu Zhou*, A Generic Method for Preparing Hollow Mesoporous Silica Catalytic Nanoreactors with Metal Oxide Nanoparticles inside Their Cavities. Angew. Chem. Int. Ed., 2018, 57, 16458-16463.

3. Jiahua Wang, Junyou Wang,* Peng Ding, Wenjuan Zhou, Yuehua Li, Markus Drechsler, Xuhong Guo,* and Martien A. Cohen Stuart,* A Supramolecular Crosslinker To Give Salt-Resistant Polyion Complex Micelles and Improved MRI Contrast Agents. Angew. Chem. Int. Ed., 2018, 57, 12680-12684.

4. Mingwei Wang, Shan Lin, Junyou Wang,* Lei Liu, Wenjuan Zhou, Rizwan Bhutto Ahmed, Aiguo Hu, Xuhong Guo* and Martien A. Cohen Stuart*, Controlling Morphology and Release Behavior of Sorafenib-Loaded Nanocarriers Prepared by Flash Nanoprecipitation. Ind. Eng. Chem. Res.,2018, 57, 11911-11919.（封面文章）

5. J. B. ten Hove, Junyou Wang, F. W. B. van Leeuwena and Aldrik H. Velders*, Dendrimer-encapsulated nanoparticle-core micelles as a modular strategy for particle-in-a-box-in-a-box nanostructures. Nanoscale, 2017, 9, 18619 - 18623.（共同一作）

6. Armando Hernandez-Garcia, Aldrik H.Velders, MartienA.Cohen Stuart, Renko de Vries, Jan W. M. van Lent, and Junyou Wang*, Supramolecular Virus-Like Nanorods by Coassembly of a Triblock Polypeptide and Reversible Coordination Polymers. Chem. Eur. J., 2017, 23, 239-243.（封面，热点文章）

7. Junyou Wang, Andrea Groeneveld, Maria Oikonomou, Alena Prusova, Henk Van As, Jan W. M. van Lent and Aldrik H. Velders*, Revealing and tuning the core, structure, properties and function of polymer micelles with lanthanide-coordination complexes, Soft Matter, 2016, 12, 99-105.

8. Junyou Wang, R. H. Marleen de Kool, and Aldrik H. Velders*, Lanthanide-Dipicolinic Acid Coordination Driven Micelles with Enhanced Stability and Tunable Function. Langmuir, 2015, 31, 12251-12259.

9. Junyou Wang, Ilja K. Voets, Remco Fokkink, Jasper van der Gucht and Aldrik H. Velders*, Controlling the number of dendrimers in dendrimicelle nanoconjugates from 1 to more than 100. Soft Matter, 2014, 10, 7337 - 7345.

10. Junyou Wang, Aldrik H. Velders,* Eliana Gianolio, Silvio Aime, Frank J. Vergeldt, Henk Van As, Yun Yan,* Markus Drechsler, Arie de Keizer, Martien A. Cohen Stuart and Jasper van der Gucht, Controlled mixing of lanthanide(III) ions in coacervate core micelles. Chem. Commun., 2013, 49, 3736-3738.（封面文章）

11. Junyou Wang, Martien A. Cohen Stuart and Jasper van der Gucht, Phase Diagram of Coacervate Complexes Containing Reversible Coordination Structures.Macromolecules, 2012, 45, 8903-8909.（封面文章）

12. Junyou Wang, Martien A. Cohen Stuart, Antonius T. M. Marcelis, Mathieu Colomb-Delsuc, Sijbren Otto and Jasper van der Gucht, Stable Polymer Micelles Formed by Metal Coordination. Macromolecules, 2012, 45, 7179-7185.