

2015 年科技论文发表情况:

2015年重点实验室累计发表科研论文102篇（数据来源SCI、中国期刊网，统计时间2015年1月1日 - 12月31日）。其中以第一作者单位发表论文66篇，包括1篇Energy Environmental Science、2篇Chemical Science、1篇Advanced Materials、7篇Chemical Communications、6篇Macromolecules、3篇ACS Macro Letters、5篇Journal of Materials Chemistry A/C、2篇Organic Letters、6篇RSC Advances；另有36篇为非第一作者单位发表的合作论文。

非第一作者单位论文中，重点实验室成员为通讯作者的有 29 篇（28 篇 SCI）；重点实验室成员普通参与、不是通讯作者的有 7 篇（均为 SCI）

第一作者单位论文（66 篇）

1. Yunlong Sun, Yingqin Hou, Xuhao Zhou, Jingsong Yuan, Jingyu Wang, and Hua Lu*, "Controlled Synthesis and Enzyme-Induced Hydrogelation of Poly(L-phosphotyrosine)s via Ring-Opening Polymerization of α -Amino Acid N-Carboxyanhydride", *ACS Macro Lett.* **2015**, *4*, 1000-1003. IF = 5.764
2. 张文彬, * 王晓曼, 王晓威, 刘栋, 韩帅元, 程正迪* "基于分子纳米粒子的巨型分子", *化学进展*, **2015**, *27*, 1333-1342. IF= 0.687
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4. Zhang, W.-B.;* Cheng, S. Z. D.* Toward Rational and Modular Molecular Design in Soft Matter Engineering. *Chin. J. Polym. Sci.* **2015**, *33*, 797-814. IF=1.835
5. Zhu, L.; Pan, W.; Lu, X.; Li, D. S.; Zhao, J.*; Liang, D. H.*, "The growth of filaments under macromolecular confinement using scaling theory" *Chem. Commun.*, **2015**, *51*, 15928-15931.
6. Pan, W.; Zhou, J. H.; Yin, Y. D.; Wen, H.; Liang, D. H.*, "Local de-condensation of double-stranded DNA in oppositely charged polyelectrolyte as induced by spermidine", *Soft Matter* **2015**, *11*, 4705-4709.
7. Liu, Y.; Zhu, L.; Yang, J. F.; Sun, J. B.; Zhao, J.*; Liang, D. H.*, "Axial Growth and Fusion of Liposome Regulated by Macromolecular Crowding and Confinement" *Langmuir* **2015**, *31* (17), 4822-4826.
8. Wen, H.; Pan, W.; Zhou, J. H.; Li, Z. B.*; Liang, D. H.*, "Complete dissociation and reassembly behavior as studied by using poly(ethylene glycol)-block-poly(glutamate sodium) and kanamycin A " *Soft Matter* **2015**, *11* (10), 1930-1936.
9. Su, C. C.; Zhao, M. T.; Zhu, Z. C.; Zhou, J. H.; Wen, H.; Yin, Y. D.; Deng, Y.; Qiu, D.; Li, B. H.*; Liang, D. H.*, "Effect of Peptide Charge Distribution on the Structure and Kinetics of DNA Complex" *Macromolecules* **2015**, *48* (3), 756-763.
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13. Zhou, Y.; Zhang, M. Y.; Gu, K. H.; Zhu, Y. F.; Fan, X.H.; Shen, Z.H.* “Synthesis and Phase Behaviors of Mono-Functional Hexa-peri-hexabenzocoronenes”, *Asian Journal of Organic Chemistry* **2015**, 4, 746-755. IF=3.318
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16. Zhang, Y. D.; Fan, X. H.; Shen, Z. H.*; Zhou, Q. F. “Thermoreversible Ion Gel with Tunable Modulus Self-Assembled by a Liquid Crystalline Triblock Copolymer in Ionic Liquid”, *Macromolecules* **2015**, 48, 4927-4935. IF=5.800
17. Zhu, Y. F.; Liu, W.; Zhang, M. Y.; Zhou, Y.; Zhang, Y. D.; Hou, P. P.; Pan, Y.; Shen, Z. H.*; Fan, X. H.*; Zhou, Q. F. “POSS-Containing Jacketed Polymer: Hybrid Inclusion Complex with Hierarchically Ordered Structures at Sub-10 nm and Angstrom Length Scales”, *Macromolecules* **2015**, 48, 2358-2366. IF=5.800
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非第一作者单位发表论文 (36 篇)

1. Dong, X.-H.; Ni, B.; Huang, M.; Hsu, C.-H.; Chen, Z.; Lin, Z.; Zhang, W.-B.;* Shi, A.-C.;* Cheng, S.Z.D.* Chain Overcrowding Induced Phase Separation and Hierarchical Structure Formation in Fluorinated Polyhedral Oligomeric Silsesquioxane (FPOSS)-Based Giant Surfactants. *Macromolecules* **2015**, 48, 7172-7179. IF=5.800
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