**前沿软物质学院第四届研究生学术活动**

**墙报展示入围名单**

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| **序号** | **课题组** | **姓名** | **展示主题** |
| 1 | 周嘉嘉 | **操能杰** | Hydrogen-Bond-Driven Self-Assembly in Supramolecular Polymers: Coarse-Grained Molecular Dynamics Simulation |
| 2 | 周嘉嘉 | **刘仕宇** | Control of ring threading ratio of polyrotaxane through temperature, ring concentration and interactions by molecular dynamics simulation |
| 3 | 周嘉嘉 | **王静** | Self-Consistent Field Theory for Low-Molecular-Weight A1BA2 Triblock Copolymer |
| 4 | 周嘉嘉 | **周香归** | 一价盐离子尺寸对聚电解质电刷缩放行为的影响 |
| 5 | 董学会 | **曾悦** | Perfect Cyclic Polymers with Uniform Chain Length |
| 6 | 董学会 | **贺嘉雯** | 以极高分辨率剖析界面参数对嵌段共聚物自组装的影响 |
| 7 | 董学会 | **郑丹娜** | ABA, BAB三嵌段共聚物与均聚物共混体系的相行为研究 |
| 8 | 夏剑辉 | **曾运生** | UV-cured silicone pressure-sensitive adhesive with adjustable adhesion and viscoelastic properties via thiol-ene chemistry |
| 9 | 夏剑辉 | **覃班** | The Clear Viscoelastic Film Based on Low Hard Segment Silicone Polyurea Elastomer for Flexible Display Applications |
| 10 | 孔宪 | **周媛欣** | 盐掺杂对称嵌段共聚物中不同成分涨落模式之间的竞争 |
| 11 | 陈坤 | **崔鹏程** | 具有多尺度层次结构的仿生抗冲击水凝胶 |
| 12 | 陈坤 | **付柯文** | 梳状网络聚合物基多金属氧酸盐纳米复合材料用于无水质子传导 |
| 13 | 张睿 | **戴君豪** | Controllable Supramolecular Self-Assembly of Cage-Peptide Giant Molecules in Aqueous Solutions |
| 14 | 张睿 | **徐飞翔** | Cooperative Activated Hopping Dynamics in Glass-Forming Binary Soft Matter Systems: From Biphasic Colloids to Polymer-Molecule Mixtures |
| 15 | 郭子豪 | **丁日庆** | 通过构筑具有超低LUMO能级的共轭聚合物以实现具有超低阈值电压的n-型有机电化学晶体管器件 |
| 16 | 郭子豪 | **黄泽萍** | A Novel Dynamic Cross-linked Green Binder for High-Performance Silicon Anodes |
| 17 | 王林格 | **高艳雨** | 设计含有不对称二胺的高性能无色聚酰亚胺薄膜及其在柔性电子设备中的应用 |
| 18 | 王林格 | **季缘** | 高分子/脂肪族分子复合材料相分离结构与核磁成像性能研究 |
| 19 | 王林格 | **梅芷晴** | 以乳液聚合方法的聚合诱导自组装纳米粒子形貌转变动力学探究 |
| 20 | 张辉 | **林煌** | Synthesis of MFI zeolite via trace solvent |
| 21 | 殷盼超 | **刘禄** | Supramolecular Complexation of Metal Oxide Cluster and Non-Fluorinated Polymer for Large-Scale Fabrication of Proton Exchange Membranes for High-Power-Density Fuel Cells |
| 22 | 文韬 | **刘翔** | 长碳链聚酰胺1012隔膜在高性能锂离子电池中的应用 |
| 23 | 郎超 | **刘子奇** | Spontaneous formation of soft hollow fibers from phase separation and self-assembly of ABA triblock copolymers |
| 24 | 郎超 | **袁浩轩** | 基于两亲性嵌段共聚物的仿生组织模型 |
| 25 | 郎超 | **朱玉婷** | Anion binding and transport properties of urea and thiourea based polymers |
| 26 | 孔宪 | **隋岩** | 分子动力学模拟研究聚电解质溶液的充电机理 |
| 27 | 张荣纯 | **闫志威** | 超快MAS下通过多次交叉极化提高稀核的检测灵敏度 |
| 28 | 唐雯 | **郭佳** | Cyclic Oligo(disulfide)s: A Potent Antibacterial Reagent with Responsive Degradation in Treating MRSA-induced Cutaneous Infections |
| 29 | 唐雯 | **陶亚琦** | Recyclable Poly(disulfide)s Elastomer with Antimicrobial Activity |