# Hongyu Shi

List of Publications by Year
in descending order



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|---|---|---|---|
| 15 papers | 212 citations | 1163117 8 h-index | 1058476 14 g-index |
| 15 all docs | 15 docs citations | 15 times ranked | 228 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hierarchical self-assembled structure and frictional response of phthalocyanine molecules. Friction, 2023, 11, 354-368. | 6.4 | 3 |
| 2 | Electric field controlled superlubricity of fullerene-based hostâ€"guest assembly. Nano Research, 2023, 16, 583-588. | 10.4 | 7 |
| 3 | Influence of functional groups on the self-assembly of liquid crystals. Chinese Chemical Letters, 2021, 32, 1149-1152. | 9.0 | 9 |
| 4 | Insight Into the Superlubricity and Self-Assembly of Liquid Crystals. Frontiers in Chemistry, 2021, 9, 668794. | 3.6 | 3 |
| 5 | Superlubricity of Fullerene Derivatives Induced by Hostâ€"Guest Assembly. ACS Applied Materials & Interfaces, 2020, 12, 18924-18933. | 8.0 | 27 |
| 6 | Assembly structures and electronic properties of truxeneâ€"porphyrin compounds studied by STM/STS. Dalton Transactions, 2019, 48, 8693-8701. | 3.3 | 7 |
| 7 | Surface Separation and in Situ Structural Regulation of Photosensitive Oligomer in a Flexible Template. Langmuir, 2018, 34, 5169-5173. | 3.5 | 2 |
| 8 | A high-nuclearity isopolyoxotungstate based manganese cluster: one-pot synthesis and step-by-step assembly. Chemical Communications, 2018, 54, 5458-5461. | 4.1 | 21 |
| 9 | Nanotribological Study of Supramolecular Template Networks Induced by Hydrogen Bonds and van der Waals Forces. ACS Nano, 2018, 12, 8781-8790. | 14.6 | 40 |
| 10 | Study on the Nanomechanical and Nanotribological Behaviors of PEEK and CFRPEEK for Biomedical Applications. Polymers, 2018, 10, 142. | 4.5 | 18 |
| 11 | On-Surface Synthesis of Self-Assembled Monolayers of Benzothiazole Derivatives Studied by STM and XPS. Langmuir, 2017, 33, 4216-4223. | 3.5 | 19 |
| 12 | Interfacial assembly structures and nanotribological properties of saccharic acids. Physical Chemistry Chemical Physics, 2017, 19, 1236-1243. | 2.8 | 6 |
| 13 | Fretting Wear Study of PEEK-Based Composites for Bio-implant Application. Tribology Letters, 2017, 65, 1. | 2.6 | 27 |
| 14 | Time-frequency analysis of the tribological behaviors of Ti6Al4V alloy under a dry sliding condition. Journal of Alloys and Compounds, 2017, 724, 752-762. | 5.5 | 17 |
| 15 | Blood Compatibility of ZrO2 Particle Reinforced PEEK Coatings on Ti6Al4V Substrates. Polymers, 2017, 9, 589. | 4.5 | 6 |