# Chenbo Meng

List of Publications by Year
in descending order



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|---|---|---|---|
| 15 papers | 288 citations | 1163117 8 h-index | 996975 15 g-index |
| 15 all docs | 15 docs citations | 15 times ranked | 214 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Aramid fiber with excellent interfacial properties suitable for resin composite in a wide polarity range. Chemical Engineering Journal, 2018, 347, 483-492. | 12.7 | 88 |
| 2 | Highly improved Uv resistance and composite interfacial properties of aramid fiber via iron (III) coordination. Applied Surface Science, 2018, 434, 473-480. | 6.1 | 42 |
| 3 | The introduction of asymmetric heterocyclic units into poly(p-phenylene terephthalamide) and its effect on microstructure, interactions and properties. Journal of Materials Science, 2018, 53, 13291-13303. | 3.7 | 41 |
| 4 | Constructing a weaving structure for aramid fiber by carbon nanotube-based network to simultaneously improve composites interfacial properties and compressive properties. Composites Science and Technology, 2019, 182, 107721. | 7.8 | 22 |
| 5 | Construction of dendritic structure by nano-SiO2 derivate grafted with hyperbranched polyamide in aramid fiber to simultaneously improve its mechanical and compressive properties. European Polymer Journal, 2019, 119, 367-375. | 5.4 | 20 |
| 6 | Nondestructive modification of aramid fiber based on selective reaction of external cross-linker to improve interfacial shear strength and compressive strength. Composites Part A: Applied Science and Manufacturing, 2019, 119, 217-224. | 7.6 | 19 |
| 7 | Synthesis of Heterocyclic Aramid Fiber Based on Solidâ€Phase Crossâ€Linking of Oligomers with Reactive End Group. Macromolecular Materials and Engineering, 2018, 303, 1800076. | 3.6 | 15 |
| 8 | Preparation of novel aramid film with ultra-high breakdown strength via constructing three-dimensional covalent crosslinked structure. Chemical Engineering Journal, 2019, 375, 122042. | 12.7 | 13 |
| 9 | In Situ Complex with byâ€product HCl and Release Chloride Ions to Dissolve Aramid. ChemPhysChem, 2018, 19, 2468-2471. | 2.1 | 6 |
| 10 | Improving Compressive Strength of Aramid Fiber by Introducing Carbon Nanotube Derivates Grafted with Oligomers of Different Conformations and Controlling Its Alignment. Macromolecular Materials and Engineering, 2019, 304, 1900127. | 3.6 | 5 |
| 11 | Improving Interfacial and Compressive Properties of Aramid by Synchronously Grafting and Crosslinking. Macromolecular Materials and Engineering, 2019, 304, 1900044. | 3.6 | 5 |
| 12 | Dissolution of Aramid by Ionization of Byproduct HCl Promoted by Acetate. ChemistrySelect, 2019, 4, 123-129. | 1.5 | 4 |
| 13 | Câ^'N Coupling Reactions on Graphene with Aromatic Macromolecules and the Spatial Conformation of Grafted Macromolecules. Chemistry - A European Journal, 2020, 26, 1819-1826. | 3.3 | 4 |
| 14 | Synthesis of A Novel Crossâ€linker with High Reactivity for Enhancing Compressive Strength of Highâ€performance Organic Fibers. ChemistrySelect, 2019, 4, 3980-3983. | 1.5 | 2 |
| 15 | The adsorption of aromatic macromolecules on graphene with entropy-tailored behavior and its utilization in exfoliating graphite. Journal of Colloid and Interface Science, 2021, 599, 12-22. | 9.4 | 2 |