

Chenbo Meng

List of Publications by Year in descending order

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papers

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