

Guilong Yan

List of Publications by Year in descending order

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papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	Airflow Synergistic Needleless Electrospinning of Instant Noodle-like Curly Nanofibrous Membranes for High-efficiency Air Filtration. <i>Small</i> , 2022, 18, e2107250.	10.0	28
2	Curved convex slot: an effective needleless electrospinning spinneret. <i>Journal of Materials Science</i> , 2017, 52, 11749-11758.	3.7	26
3	Electrochemical process of early-stage corrosion detection based on N-doped carbon dots with superior Fe ³⁺ responsiveness. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 567-576.	9.4	21
4	Ionic Transport and Robust Switching Properties of the Confined Self-Assembled Block Copolymer/Homopolymer in Asymmetric Nanochannels. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14507-14517.	8.0	15
5	Improving Nanofiber Production and Application Performance by Electrospinning at Elevated Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 12337-12343.	3.7	13
6	Electro-aerodynamic field aided needleless electrospinning. <i>Nanotechnology</i> , 2018, 29, 235302.	2.6	12
7	Biomimetic scaffolds with programmable pore structures for minimum invasive bone repair. <i>Nanoscale</i> , 2021, 13, 16680-16689.	5.6	12
8	Finite element method assisted design of needleless electrospinning systems for mass production of polymer nanofibers. <i>Chemical Engineering Science</i> , 2022, 259, 117817.	3.8	6
9	Enhancement of Coil Electrospinning Using Two-Level Coil Structure. <i>Industrial & Engineering Chemistry Research</i> , 0, , .	3.7	1