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electrospinning wikipedia Oct 26 2022 web electrospinning is a fiber production method that uses electric force to draw charged threads of polymer solutions or polymer melts up to fiber diameters in the order of some hundred nanometers electrospinning shares characteristics of both electrospaying and conventional solution dry spinning of fibers the process does not require the use of

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in situ fabrication of superfine perovskite composite nanofibers Oct 14 2021 web 06 10 2022 herein pvdf hfp ps polymers are served as hybrid polymer fibers to in situ encapsulate the highly fluorescent cspbbr 3 ncs via one step electrospinning method the dimethyl sulfoxide dmsO is utilized the corresponding solvent for perovskites and polymers as shown in fig 1a to further enhance the long term water stability the

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