

Narendiran Vitchuli

List of Publications by Year in descending order

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11
papers

478
citations

1039880

9
h-index

1281743

11
g-index

11
all docs

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docs citations

11
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Durable antibacterial Ag/polyacrylonitrile (Ag/PAN) hybrid nanofibers prepared by atmospheric plasma treatment and electrospinning. <i>European Polymer Journal</i> , 2011, 47, 1402-1409.	2.6	139
2	One-step synthesis of silver nanoparticle-filled nylon 6 nanofibers and their antibacterial properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 10330.	6.7	123
3	Multifunctional ZnO/Nylon 6 nanofiber mats by an electrospinning-electrospaying hybrid process for use in protective applications. <i>Science and Technology of Advanced Materials</i> , 2011, 12, 055004.	2.8	54
4	Electrospun ultrathin nylon fibers for protective applications. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2181-2187.	1.3	37
5	Atmospheric plasma treatment of pre-electrospinning polymer solution: A feasible method to improve electrospinnability. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 115-122.	2.4	33
6	Novel atmospheric plasma enhanced chitosan nanofiber/gauze composite wound dressings. <i>Journal of Applied Polymer Science</i> , 2013, 129, 916-923.	1.3	33
7	A facile approach to fabricate porous nylon 6 nanofibers using silica nanotemplate. <i>Journal of Applied Polymer Science</i> , 2011, 120, 425-433.	1.3	20
8	Plasma-Electrospinning Hybrid Process and Plasma Pretreatment to Improve Adhesive Properties of Nanofibers on Fabric Surface. <i>Plasma Chemistry and Plasma Processing</i> , 2012, 32, 275-291.	1.1	17
9	Multifunctional and durable nanofiber-fabric-layered composite for protective application. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1219-1226.	1.3	10
10	Plasma-Assisted Preparation of High-Performance Chitosan Nanofibers/Gauze Composite Bandages. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 709-717.	1.8	7
11	Atmospheric plasma application to improve adhesion of electrospun nanofibers onto protective fabric. <i>Journal of Adhesion Science and Technology</i> , 2013, 27, 924-938.	1.4	5