

Seyed Vahid Ebadi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrospun PEO nanofibrous membrane enable by LiCl, LiClO ₄ , and LiTFSI salts: a versatile solvent-free electrolyte for lithium-ion battery application. <i>Ionics</i> , 2020, 26, 3249-3260.	2.4	25
2	Gaining insight into electrolyte solution effects on the electrochemomechanical behavior of electroactive PU/PPy nanofibers: Introducing a high-performance artificial muscle. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127519.	7.8	12
3	Overcoming the potential drop in conducting polymer artificial muscles through metallization of electrospun nanofibers by electroplating process. <i>Smart Materials and Structures</i> , 2020, 29, 085036.	3.5	8
4	Electroactive actuator based on polyurethane nanofibers coated with polypyrrole through electrochemical polymerization: a competent method for developing artificial muscles. <i>Smart Materials and Structures</i> , 2020, 29, 045008.	3.5	12
5	Highly conductive Faradaic artificial muscle based on nanostructured polypyrrole-bis(trifluoromethylsulfonyl)imide synthesized onto electrospun polyurethane nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126736.	7.8	19
6	Synthesis and characterization of a novel polyurethane/polypyrrole- <i>o</i> -toluenesulfonate (PU/PPy- <i>o</i> -TS) electroactive nanofibrous bending actuator. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2261-2274.	3.2	26
7	Systematic investigation of parameters of an electrospinning process of poly(acrylic acid) nanofibres using response surface methodology. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	1.7	9
8	Analysis of twist level and take-up speed impact on the tensile properties of PVA/PA6 hybrid nanofiber yarns. <i>E-Polymers</i> , 2016, 16, 125-135.	3.0	12
9	The effect of MWNTs concentration and nanofiber orientation on mechanical properties of PAA nanocomposite nanofibrous web. <i>Polymer Composites</i> , 2016, 37, 3149-3159.	4.6	11
10	Immobilization of acetylcholinesterase on electrospun poly(acrylic acid)/multi-walled carbon nanotube nanofibrous membranes. <i>RSC Advances</i> , 2015, 5, 42572-42579.	3.6	44
11	Production of core-sheath nanofiber yarn using two opposite asymmetric nozzles. <i>Fibers and Polymers</i> , 2014, 15, 2535-2540.	2.1	21
12	Interactions between PA6 Ratio and Tensile Properties in PVA/PA6 Hybrid Nanofiber Yarns. <i>Nano Hybrids and Composites</i> , 0, 14, 25-37.	0.8	3