

Jonathan Y Chen

List of Publications by Year in descending order

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papers

923
citations

623734

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477307

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34
all docs

34
docs citations

34
times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	Biobased Nano Porous Active Carbon Fibers for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 15205-15215.	8.0	206
2	Kenaf/polypropylene nonwoven composites: The influence of manufacturing conditions on mechanical, thermal, and acoustical performance. Composites Part B: Engineering, 2013, 54, 44-51.	12.0	93
3	Enzyme immobilization on cellulose matrixes. Journal of Bioactive and Compatible Polymers, 2016, 31, 553-567.	2.1	84
4	Sustainable activated carbon fiber from sawdust by reactivation for high-performance supercapacitors. Journal of Materials Science, 2017, 52, 478-488.	3.7	61
5	Crystalline characteristics of cellulose fiber and film regenerated from ionic liquid solution. Carbohydrate Polymers, 2015, 118, 150-155.	10.2	57
6	Characterizing Polyester Fabrics Treated in Electrical Discharges of Radio-Frequency Plasma. Textile Reseach Journal, 2000, 70, 1-7.	2.2	52
7	Regenerated cellulose micro-nano fiber matrices for transdermal drug release. Materials Science and Engineering C, 2017, 74, 485-492.	7.3	47
8	Preparation, characterization and evaluation of cellulose nanocrystal/poly(lactic acid) in situ nanocomposite scaffolds for tissue engineering. International Journal of Biological Macromolecules, 2019, 134, 469-479.	7.5	45
9	Regenerated cellulose fibers from waste bagasse using ionic liquid. Textile Reseach Journal, 2011, 81, 1949-1958.	2.2	32
10	Mechanical Properties of Kenaf/Polypropylene Nonwoven Composites. Journal of Polymers and the Environment, 2012, 20, 959-966.	5.0	30
11	Creep and recovery behavior of kenaf/polypropylene nonwoven composites. Journal of Applied Polymer Science, 2014, 131, .	2.6	26
12	Physico- and bio-activities of nanoscale regenerated cellulose nonwoven immobilized with lysozyme. Materials Science and Engineering C, 2018, 91, 389-394.	7.3	26
13	Kinetics modeling of dynamic pyrolysis of bagasse fibers. Bioresource Technology, 2011, 102, 1951-1958.	9.6	22
14	Antimicrobial regenerated cellulose/nano-silver fiber without leaching. Journal of Bioactive and Compatible Polymers, 2015, 30, 17-33.	2.1	21
15	Fabrication of cellulose nanocomposites from corn stalk. Journal of the Science of Food and Agriculture, 2020, 100, 4390-4399.	3.5	14
16	Notch effects and crack propagation analysis on kenaf/polypropylene nonwoven composites. Composites Part A: Applied Science and Manufacturing, 2015, 73, 11-19.	7.6	12
17	Micron- and nano-cellulose fiber regenerated from ionic liquids. Journal of the Textile Institute, 2016, 107, 472-476.	1.9	12
18	Fabrication and evaluation of regenerated cellulose/nanoparticle fibers from lignocellulosic biomass. Biomass and Bioenergy, 2017, 101, 1-8.	5.7	11

#	ARTICLE	IF	CITATIONS
19	Synthesis of unsaturated polyester resin from waste cellulose and polyethylene terephthalate. <i>Polymer Bulletin</i> , 2019, 76, 4157-4188.	3.3	11
20	Value-Added Utilization of Wheat Straw: From Cellulose and Cellulose Nanofiber to All-Cellulose Nanocomposite Film. <i>Membranes</i> , 2022, 12, 475.	3.0	11
21	A photograph-based approach for visual simulation of wrapped Jacquardtronic lace. <i>Textile Reseach Journal</i> , 2018, 88, 2654-2664.	2.2	10
22	Thermal and Physico-Mechanical Characterizations of Thromboresistant Polyurethane Films. <i>Bioengineering</i> , 2019, 6, 69.	3.5	10
23	All-fabric flexible supercapacitor for energy storage. <i>Journal of Industrial Textiles</i> , 2020, 49, 1061-1077.	2.4	9
24	Spunlaced Flax/Polypropylene Nonwoven as Auto Interior Material: Acoustical and Fogging Performance. <i>Journal of Biobased Materials and Bioenergy</i> , 2010, 4, 330-337.	0.3	6
25	Electrokinetic analysis of hydroentangled greige cotton“synthetic fiber blends for absorbent technologies. <i>Textile Reseach Journal</i> , 2013, 83, 1949-1960.	2.2	4
26	Modeling and realization for appearance visualization of Textronic laces. <i>Textile Reseach Journal</i> , 2019, 89, 4526-4536.	2.2	3
27	Notch Effects on the Tensile Property of Kenaf/Polypropylene Nonwoven Composites. , 2012, , .		2
28	Comparative study on compressional recovery performance of vertically laid and cross-laid highloft nonwovens. <i>Journal of Industrial Textiles</i> , 2020, , 152808372092582.	2.4	2
29	A study on textile recycling in college student residence areas. <i>Journal of the Textile Institute</i> , 2022, 113, 1854-1861.	1.9	2
30	Regenerated Cellulose Fiber and Film Immobilized with Lysozyme. <i>Bioceramics Development and Applications</i> , 2014, 04, .	0.3	2
31	Carbon Nanotube Modified Electrically Conductive Cellulose Film. , 2012, , .		0
32	Computerized patterning method of Cliptronic jacquard structures. <i>Textile Reseach Journal</i> , 2021, 91, 3012-3022.	2.2	0