# Jonathan Y Chen

List of Publications by Year
in descending order



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|---|---|---|---|
| 32 papers | 923 citations | 623734 14 h-index | 477307 29 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 1590 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A study on textile recycling in college student residence areas. Journal of the Textile Institute, 2022, 113, 1854-1861. | 1.9 | 2 |
| 2 | Value-Added Utilization of Wheat Straw: From Cellulose and Cellulose Nanofiber to All-Cellulose Nanocomposite Film. Membranes, 2022, 12, 475. | 3.0 | 11 |
| 3 | Computerized patterning method of Cliptronic jacquard structures. Textile Reseach Journal, 2021, 91, 3012-3022. | 2.2 | 0 |
| 4 | All-fabric flexible supercapacitor for energy storage. Journal of Industrial Textiles, 2020, 49, 1061-1077. | 2.4 | 9 |
| 5 | Fabrication of ‹scp›allâ€cellulose‹/scp› nanocomposites from corn stalk. Journal of the Science of Food and Agriculture, 2020, 100, 4390-4399. | 3.5 | 14 |
| 6 | Comparative study on compressional recovery performance of vertically laid and cross-laid highloft nonwovens. Journal of Industrial Textiles, 2020, , 152808372092582. | 2.4 | 2 |
| 7 | Thermal and Physico-Mechanical Characterizations of Thromboresistant Polyurethane Films. Bioengineering, 2019, 6, 69. | 3.5 | 10 |
| 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 | Modeling and realization for appearance visualization of Textronic laces. Textile Reseach Journal, 2019, 89, 4526-4536. | 2.2 | 3 |
| 10 | Synthesis of unsaturated polyester resin from waste cellulose and polyethylene terephthalate. Polymer Bulletin, 2019, 76, 4157-4188. | 3.3 | 11 |
| 11 | A photograph-based approach for visual simulation of wrapped Jacquardtronic lace. Textile Reseach Journal, 2018, 88, 2654-2664. | 2.2 | 10 |
| 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 | Fabrication and evaluation of regenerated cellulose/nanoparticle fibers from lignocellulosic biomass. Biomass and Bioenergy, 2017, 101, 1-8. | 5.7 | 11 |
| 14 | Regenerated cellulose micro-nano fiber matrices for transdermal drug release. Materials Science and Engineering C, 2017, 74, 485-492. | 7.3 | 47 |
| 15 | Sustainable activated carbon fiber from sawdust by reactivation for high-performance supercapacitors. Journal of Materials Science, 2017, 52, 478-488. | 3.7 | 61 |
| 16 | Biobased Nano Porous Active Carbon Fibers for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 15205-15215. | 8.0 | 206 |
| 17 | Enzyme immobilization on cellulose matrixes. Journal of Bioactive and Compatible Polymers, 2016, 31, 553-567. | 2.1 | 84 |
| 18 | Micron- and nano-cellulose fiber regenerated from ionic liquids. Journal of the Textile Institute, 2016, 107, 472-476. | 1.9 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Antimicrobial regenerated cellulose/nano-silver fiber without leaching. Journal of Bioactive and Compatible Polymers, 2015, 30, 17-33. | 2.1 | 21 |
| 20 | 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 |
| 21 | Crystalline characteristics of cellulose fiber and film regenerated from ionic liquid solution. Carbohydrate Polymers, 2015, 118, 150-155. | 10.2 | 57 |
| 22 | Creep and recovery behavior of kenaf/polypropylene nonwoven composites. Journal of Applied Polymer Science, 2014, 131, . | 2.6 | 26 |
| 23 | Regenerated Cellulose Fiber and Film Immobilized with Lysozyme. Bioceramics Development and Applications, 2014, 04, . | 0.3 | 2 |
| 24 | 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 |
| 25 | Electrokinetic analysis of hydroentangled greige cottonâ€“synthetic fiber blends for absorbent technologies. Textile Reseach Journal, 2013, 83, 1949-1960. | 2.2 | 4 |
| 26 | Notch Effects on the Tensile Property of Kenaf/Polypropylene Nonwoven Composites. , 2012, , . | | 2 |
| 27 | Mechanical Properties of Kenaf/Polypropylene Nonwoven Composites. Journal of Polymers and the Environment, 2012, 20, 959-966. | 5.0 | 30 |
| 28 | Carbon Nanotube Modified Electrically Conductive Cellulose Film. , 2012, , . | | 0 |
| 29 | Kinetics modeling of dynamic pyrolysis of bagasse fibers. Bioresource Technology, 2011, 102, 1951-1958. | 9.6 | 22 |
| 30 | Regenerated cellulose fibers from waste bagasse using ionic liquid. Textile Reseach Journal, 2011, 81, 1949-1958. | 2.2 | 32 |
| 31 | Spunlaced Flax/Polypropylene Nonwoven as Auto Interior Material: Acoustical and Fogging Performance. Journal of Biobased Materials and Bioenergy, 2010, 4, 330-337. | 0.3 | 6 |
| 32 | Characterizing Polyester Fabrics Treated in Electrical Discharges of Radio-Frequency Plasma. Textile Reseach Journal, 2000, 70, 1-7. | 2.2 | 52 |