

Ifra Marriam

List of Publications by Year in descending order

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18
papers

729
citations

623574

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times ranked

1002
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Multifunctional, Bioinspired, and Moisture Responsive Graphene Oxide/Tapioca Starch Nanocomposites. <i>Advanced Materials Technologies</i> , 2022, 7, 2100447. | 3.0 | 10 |
| 2 | Multistimulus-Responsive Graphene Oxide/Fe ₃ O ₄ /Starch Soft Actuators. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16772-16779. | 4.0 | 18 |
| 3 | Circular Economy and Sustainability of the Clothing and Textile Industry. <i>Materials Circular Economy</i> , 2021, 3, 1. | 1.6 | 64 |
| 4 | Janus hybrid sustainable all-cellulose nanofiber sponge for oil-water separation. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 997-1004. | 3.6 | 33 |
| 5 | Preparation of bioinspired graphene oxide/PMMA nanocomposite with improved mechanical properties. <i>Composites Science and Technology</i> , 2021, 216, 109046. | 3.8 | 12 |
| 6 | Techniques enabling inorganic materials into wearable fiber/yarn and flexible lithium-ion batteries. <i>Energy Storage Materials</i> , 2021, 43, 62-84. | 9.5 | 25 |
| 7 | Bioinspired microstructure-reorganized behavior of carbon nanotube yarn induced by cyclic stretching training. <i>Journal of Materials Chemistry C</i> , 2020, 8, 117-123. | 2.7 | 16 |
| 8 | Polyindole batteries and supercapacitors. <i>Energy Storage Materials</i> , 2020, 33, 336-359. | 9.5 | 66 |
| 9 | Experimental and theoretical study on the strain rate dependence of the mechanical properties of Twaron fiber tows with different fiber fineness. <i>Textile Research Journal</i> , 2019, 89, 2395-2405. | 1.1 | 2 |
| 10 | Critical insight: challenges and requirements of fibre electrodes for wearable electrochemical energy storage. <i>Energy and Environmental Science</i> , 2019, 12, 2148-2160. | 15.6 | 104 |
| 11 | Highly efficient photovoltaic energy storage hybrid system based on ultrathin carbon electrodes designed for a portable and flexible power source. <i>Journal of Power Sources</i> , 2019, 422, 196-207. | 4.0 | 24 |
| 12 | Quasi-static and dynamic interfacial evaluations of plasma functionalized carbon nanotube fiber. <i>Applied Surface Science</i> , 2019, 465, 795-801. | 3.1 | 22 |
| 13 | Synergistic effect of CNT films impregnated with CNT modified epoxy solution towards boosted interfacial bonding and functional properties of the composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 110, 1-10. | 3.8 | 37 |
| 14 | Surface Self-Assembly of Functional Electroactive Nanofibers on Textile Yarns as a Facile Approach toward Super Flexible Energy Storage. <i>ACS Applied Energy Materials</i> , 2018, 1, 377-386. | 2.5 | 47 |
| 15 | Polyester@MXene nanofibers-based yarn electrodes. <i>Journal of Power Sources</i> , 2018, 396, 683-690. | 4.0 | 147 |
| 16 | A bottom-up approach to design wearable and stretchable smart fibers with organic vapor sensing behaviors and energy storage properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13633-13643. | 5.2 | 55 |
| 17 | The Current Working Conditions in Ugandan Apparel Assembly Plants. <i>Safety and Health at Work</i> , 2017, 8, 378-385. | 0.3 | 7 |
| 18 | Green approach to fabricate Polyindole composite nanofibers for energy and sensor applications. <i>Materials Letters</i> , 2017, 209, 400-403. | 1.3 | 40 |