

Ricardo Brito-Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

380
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Silk fibroin-magnetic hybrid composite electrospun fibers for tissue engineering applications. <i>Composites Part B: Engineering</i> , 2018, 141, 70-75.	12.0	88
2	Silk Fibroin Separators: A Step Toward Lithium-Ion Batteries with Enhanced Sustainability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5385-5394.	8.0	50
3	Magnetolectric response on Terfenol-D/ P(VDF-TrFE) two-phase composites. <i>Composites Part B: Engineering</i> , 2017, 120, 97-102.	12.0	46
4	Recent developments on printed photodetectors for large area and flexible applications. <i>Organic Electronics</i> , 2019, 66, 216-226.	2.6	43
5	Optimized silk fibroin piezoresistive nanocomposites for pressure sensing applications based on natural polymers. <i>Nanoscale Advances</i> , 2019, 1, 2284-2292.	4.6	29
6	Silk fibroin magnetoactive nanocomposite films and membranes for dynamic bone tissue engineering strategies. <i>Materialia</i> , 2020, 12, 100709.	2.7	24
7	Printed multifunctional magnetically activated energy harvester with sensing capabilities. <i>Nano Energy</i> , 2022, 94, 106885.	16.0	22
8	Reconfigurable 3D-printable magnets with improved maximum energy product. <i>Journal of Materials Chemistry C</i> , 2020, 8, 952-958.	5.5	18
9	Tailoring Electrospun Poly(L-lactic acid) Nanofibers as Substrates for Microfluidic Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 60-69.	8.0	16
10	Multifunctional wax based conductive and piezoresistive nanocomposites for sensing applications. <i>Composites Science and Technology</i> , 2021, 213, 108892.	7.8	11
11	Fluorinated Polymer Membranes as Advanced Substrates for Portable Analytical Systems and Their Proof of Concept for Colorimetric Bioassays. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18065-18076.	8.0	9
12	A Facile Nanoimpregnation Method for Preparing Paper-Based Sensors and Actuators. <i>Advanced Materials Technologies</i> , 2021, 6, 2100476.	5.8	8
13	Biodegradable polymer-based microfluidic membranes for sustainable point-of-care devices. <i>Chemical Engineering Journal</i> , 2022, 448, 137639.	12.7	7
14	Natural based reusable materials for microfluidic substrates: The silk road towards sustainable portable analytical systems. <i>Applied Materials Today</i> , 2022, 28, 101507.	4.3	6
15	High-dielectric mouldable and printable wax reinforced with ceramic nanofillers and its suitability for capacitive sensing. <i>Flexible and Printed Electronics</i> , 2021, 6, 035005.	2.7	3