

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