

# J Loureiro

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

655  
citations

686830

13  
h-index

794141

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spintronic platforms for biomedical applications. Lab on A Chip, 2012, 12, 546-557.	3.1	112
2	Transparent aluminium zinc oxide thin films with enhanced thermoelectric properties. Journal of Materials Chemistry A, 2014, 2, 6649-6655.	5.2	97
3	Thermoelectric properties of V <sub>2</sub> O <sub>5</sub> thin films deposited by thermal evaporation. Applied Surface Science, 2013, 282, 590-594.	3.1	71
4	Magnetoresistive chip cytometer. Lab on A Chip, 2011, 11, 2255.	3.1	64
5	Challenges and trends in the development of a magnetoresistive biochip portable platform. Journal of Magnetism and Magnetic Materials, 2010, 322, 1655-1663.	1.0	55
6	Toward a magnetoresistive chip cytometer: Integrated detection of magnetic beads flowing at cm/s velocities in microfluidic channels. Applied Physics Letters, 2009, 95, 034104.	1.5	47
7	OPTIMIZATION AND INTEGRATION OF MAGNETORESISTIVE SENSORS. Spin, 2011, 01, 71-91.	0.6	35
8	Magnetoresistive Detection of Magnetic Beads Flowing at High Speed in Microfluidic Channels. IEEE Transactions on Magnetics, 2009, 45, 4873-4876.	1.2	27
9	Optimization of Cuprous Oxides Thin Films to be used as Thermoelectric Touch Detectors. ACS Applied Materials & Interfaces, 2017, 9, 6520-6529.	4.0	27
10	Nanostructured p-type Cr/V <sub>2</sub> O <sub>5</sub> thin films with boosted thermoelectric properties. Journal of Materials Chemistry A, 2014, 2, 6456-6462.	5.2	23
11	V <sub>2</sub> O <sub>5</sub> Thin Films for Flexible and High Sensitivity Transparent Temperature Sensor. Advanced Materials Technologies, 2016, 1, 1600077.	3.0	23
12	SnO <sub>2</sub> thin Film Oxides Produced by rf Sputtering for Transparent Thermoelectric Devices. Materials Today: Proceedings, 2015, 2, 647-653.	0.9	20
13	Sustainable Fully Printed UV Sensors on Cork Using Zinc Oxide/Ethylcellulose Inks. Micromachines, 2019, 10, 601.	1.4	16
14	Improved thermoelectric properties of nanocrystalline hydrogenated silicon thin films by post-deposition thermal annealing. Thin Solid Films, 2017, 642, 276-280.	0.8	13
15	Hydrogenated nanocrystalline silicon thin films with promising thermoelectric properties. Applied Physics A: Materials Science and Processing, 2015, 120, 1497-1502.	1.1	11
16	Integrated Spintronic Platforms for Biomolecular Recognition Detection. AIP Conference Proceedings, 2008, , .	0.3	4
17	Flexible, scalable, and efficient thermoelectric touch detector based on PDMS and graphite flakes. Flexible and Printed Electronics, 2021, 6, 045018.	1.5	4
18	Spintronic chip cytometer. Journal of Applied Physics, 2011, 109, 07B311.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Vanadium Pentoxide Alloyed with Graphite for Thin-Film Thermal Sensors. Journal of Electronic Materials, 2016, 45, 1987-1991.	1.0	3
20	Magnetic separation of undifferentiated mouse Embryonic Stem (ES) cells from neural progenitor cultures using a microfluidic device. , 2011, , .		0
21	Composites Based on PDMS and Graphite Flakes for Thermoelectric Sensing Applications. , 2022, 8, .		0