

Jorge A Cardenas

List of Publications by Year in descending order

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796
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible, Print-in-Place 1D–2D Thin-Film Transistors Using Aerosol Jet Printing. ACS Nano, 2019, 13, 11263-11272.	7.3	96
2	Patterned Liquid Metal Contacts for Printed Carbon Nanotube Transistors. ACS Nano, 2018, 12, 5482-5488.	7.3	63
3	Silver nanowire inks for direct-write electronic tattoo applications. Nanoscale, 2019, 11, 14294-14302.	2.8	63
4	Fully Printed and Flexible Carbon Nanotube Transistors for Pressure Sensing in Automobile Tires. IEEE Sensors Journal, 2018, 18, 7875-7880.	2.4	61
5	Carbon nanotube electronics for IoT sensors. Nano Futures, 2020, 4, 012001.	1.0	40
6	Uniform and Stable Aerosol Jet Printing of Carbon Nanotube Thin-Film Transistors by Ink Temperature Control. ACS Applied Materials & Interfaces, 2020, 12, 43083-43089.	4.0	34
7	In-Place Printing of Carbon Nanotube Transistors at Low Temperature. ACS Applied Nano Materials, 2018, 1, 1863-1869.	2.4	32
8	Impact of Morphology on Printed Contact Performance in Carbon Nanotube Thin-Film Transistors. Advanced Functional Materials, 2019, 29, 1805727.	7.8	28
9	Modifying the Ni-MoS ₂ Contact Interface Using a Broad-Beam Ion Source. IEEE Electron Device Letters, 2016, 37, 1234-1237.	2.2	12
10	Flash ablation metallization of conductive thermoplastics. Additive Manufacturing, 2020, 36, 101409.	1.7	12
11	In-Place Printing of Flexible Electrolyte-Gated Carbon Nanotube Transistors With Enhanced Stability. IEEE Electron Device Letters, 2021, 42, 367-370.	2.2	12
12	Short-channel robustness from negative capacitance in 2D NC-FETs. Applied Physics Letters, 2021, 118, .	1.5	9
13	Printed Electronic Sensor Array for Mapping Tire Tread Thickness Profiles. IEEE Sensors Journal, 2019, 19, 8913-8919.	2.4	8
14	Fully printed and flexible carbon nanotube transistors designed for environmental pressure sensing and aimed at smart tire applications. , 2017, , .		5
15	Electrically Tunable Surface Acoustic Wave Propagation at MHz Frequencies Based on Carbon Nanotube Thin-Film Transistors. Advanced Functional Materials, 2021, 31, 2010744.	7.8	5
16	Using Ar Ion beam exposure to improve contact resistance in MoS ₂ FETs. , 2016, , .		1
17	Exploring Silver Contact Morphologies in Printed Carbon Nanotube Thin-Film Transistors. , 2018, , .		0