

# Carme MartÃ- nez-Domingo

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

452  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	All-inkjet-printed thin-film transistors: manufacturing process reliability by root cause analysis. <i>Scientific Reports</i> , 2016, 6, 33490.	3.3	78
2	Up-scaling of the manufacturing of all-inkjet-printed organic thin-film transistors: Device performance and manufacturing yield of transistor arrays. <i>Organic Electronics</i> , 2016, 30, 237-246.	2.6	74
3	An Inkjet-Printed Field-Effect Transistor for Label-Free Biosensing. <i>Advanced Functional Materials</i> , 2014, 24, 6291-6302.	14.9	63
4	Fully Inkjet-Printed Thin-Film Transistor Array Manufactured on Paper Substrate for Cheap Electronic Applications. <i>Advanced Electronic Materials</i> , 2017, 3, 1700275.	5.1	39
5	All-inkjet printed organic transistors: Dielectric surface passivation techniques for improved operational stability and lifetime. <i>Microelectronics Reliability</i> , 2015, 55, 1192-1195.	1.7	25
6	Inkjet Printing Design Rules Formalization and Improvement. <i>Journal of Display Technology</i> , 2015, 11, 658-665.	1.2	20
7	Inkjet printed metal insulator semiconductor (MIS) diodes for organic and flexible electronic application. <i>Flexible and Printed Electronics</i> , 2017, 2, 015003.	2.7	19
8	Initial leakage current related to extrinsic breakdown in HfO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> nanolaminate ALD dielectrics. <i>Microelectronic Engineering</i> , 2011, 88, 1380-1383.	2.4	17
9	Development of a Simple Manufacturing Process for All-Inkjet Printed Organic Thin Film Transistors and Circuits. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2017, 7, 161-170.	3.6	16
10	Potential up-scaling of inkjet-printed devices for logical circuits in flexible electronics. <i>AIP Conference Proceedings</i> , 2015, . .	0.4	15
11	Programmable Organic Chipless RFID Tags Inkjet Printed on Paper Substrates. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7832.	2.5	15
12	Novel flexible inkjet-printed Metal-Insulator-Semiconductor organic diode employing silver electrodes. <i>Organic Electronics</i> , 2018, 62, 335-341.	2.6	13
13	Organic-based field effect transistors for protein detection fabricated by inkjet-printing. <i>Organic Electronics</i> , 2020, 84, 105794.	2.6	13
14	Large-scale fabrication of all-inkjet-printed resistors and WORM memories on flexible polymer films with high yield and stability. <i>Flexible and Printed Electronics</i> , 2021, 6, 015003.	2.7	12
15	Monotype Organic Dual Threshold Voltage Using Different OTFT Geometries. <i>Crystals</i> , 2019, 9, 333.	2.2	11
16	Nanopaper-Based Organic Inkjet-Printed Diodes. <i>Advanced Materials Technologies</i> , 2020, 5, 1900773.	5.8	10
17	Geometric Design and Compensation Rules Generation and Characterization for All-Inkjet-Printed Organic Thin Film Transistors. <i>Journal of Imaging Science and Technology</i> , 2013, 57, 1-12.	0.5	7
18	Printable Electronics: Fully Inkjet-Printed Thin-Film Transistor Array Manufactured on Paper Substrate for Cheap Electronic Applications ( <i>Adv. Electron. Mater.</i> 12/2017). <i>Advanced Electronic Materials</i> , 2017, 3, 1770053.	5.1	3

#	ARTICLE	IF	CITATIONS
19	Inkjet-Printed Organic Electronics: Operational Stability and Reliability Issues. ECS Transactions, 2013, 53, 1-10.	0.5	1
20	Title: Inkjet-printed rectifying metal-insulator-semiconductor (MIS) diodes for flexible electronic applications. Materials Research Society Symposia Proceedings, 2014, 1628, 1.	0.1	1
21	A complete compact model for simulation of organic electronic systems. Organic Electronics, 2022, 108, 106574.	2.6	0