

Robyn Worsley

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

461
citations

1162367

8
h-index

1473754

9
g-index

10
all docs

10
docs citations

10
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-voltage 2D materials-based printed field-effect transistors for integrated digital and analog electronics on paper. <i>Nature Communications</i> , 2020, 11, 3566.	5.8	120
2	Flexible, Print-in-Place 1D–2D Thin-Film Transistors Using Aerosol Jet Printing. <i>ACS Nano</i> , 2019, 13, 11263-11272.	7.3	96
3	All-2D Material Inkjet-Printed Capacitors: Toward Fully Printed Integrated Circuits. <i>ACS Nano</i> , 2019, 13, 54-60.	7.3	95
4	Water-based and inkjet printable inks made by electrochemically exfoliated graphene. <i>Carbon</i> , 2019, 149, 213-221.	5.4	73
5	All-Inkjet-Printed Graphene-Gated Organic Electrochemical Transistors on Polymeric Foil as Highly Sensitive Enzymatic Biosensors. <i>ACS Applied Nano Materials</i> , 2022, 5, 1664-1673.	2.4	22
6	Graphene oxide nanosheets modulate spinal glutamatergic transmission and modify locomotor behaviour in an <i>in vivo</i> zebrafish model. <i>Nanoscale Horizons</i> , 2020, 5, 1250-1263.	4.1	21
7	Inkjet-printed low-dimensional materials-based complementary electronic circuits on paper. <i>Npj 2D Materials and Applications</i> , 2021, 5, .	3.9	16
8	Inkjet-printed graphene Hall mobility measurements and low-frequency noise characterization. <i>Nanoscale</i> , 2020, 12, 6708-6716.	2.8	14
9	1/f Noise Characterization of Bilayer MoS ₂ Field-Effect Transistors on Paper with Inkjet-Printed Contacts and hBN Dielectrics. <i>Advanced Electronic Materials</i> , 2021, 7, 2100283.	2.6	4
10	Printing h-BN Gate Dielectric for Flexible, Low-hysteresis Carbon Nanotube Thin-Film Transistors at Low Temperature. , 2019, , .		0