

Tian Carey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1771904/publications.pdf>

Version: 2024-02-01

19
papers

1,276
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

2227
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully inkjet-printed two-dimensional material field-effect heterojunctions for wearable and textile electronics. <i>Nature Communications</i> , 2017, 8, 1202.	12.8	324
2	Environmentally-friendly conductive cotton fabric as flexible strain sensor based on hot press reduced graphene oxide. <i>Carbon</i> , 2017, 111, 622-630.	10.3	308
3	Graphene, related two-dimensional crystals and hybrid systems for printed and wearable electronics. <i>Nano Today</i> , 2018, 23, 73-96.	11.9	96
4	Terahertz saturable absorbers from liquid phase exfoliation of graphite. <i>Nature Communications</i> , 2017, 8, 15763.	12.8	93
5	Spray-Coating Thin Films on Three-Dimensional Surfaces for a Semitransparent Capacitive-Touch Device. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19948-19956.	8.0	53
6	Conversionless efficient and broadband laser light diffusers for high brightness illumination applications. <i>Nature Communications</i> , 2020, 11, 1437.	12.8	52
7	Charge transport mechanisms in inkjet-printed thin-film transistors based on two-dimensional materials. <i>Nature Electronics</i> , 2021, 4, 893-905.	26.0	52
8	Inkjet Printed Circuits with 2D Semiconductor Inks for High-Performance Electronics. <i>Advanced Electronic Materials</i> , 2021, 7, 2100112.	5.1	46
9	Platinum-free, graphene based anodes and air cathodes for single chamber microbial fuel cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23872-23886.	10.3	45
10	Fibre electronics: towards scaled-up manufacturing of integrated e-textile systems. <i>Nanoscale</i> , 2021, 13, 12818-12847.	5.6	37
11	Wearable solid-state capacitors based on two-dimensional material all-textile heterostructures. <i>Nanoscale</i> , 2019, 11, 9912-9919.	5.6	34
12	Terahertz Frequency Combs Exploiting an On-Chip, Solution-Processed, Graphene-Quantum Cascade Laser Coupled-Cavity. <i>ACS Photonics</i> , 2020, 7, 3489-3498.	6.6	26
13	Biomimetic Carbon Fiber Systems Engineering: A Modular Design Strategy To Generate Biofunctional Composites from Graphene and Carbon Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5325-5335.	8.0	24
14	In Situ Observation of Low-Power Nano-Synaptic Response in Graphene Oxide Using Conductive Atomic Force Microscopy. <i>Small</i> , 2021, 17, e2101100.	10.0	22
15	Highly Conductive Networks of Silver Nanosheets. <i>Small</i> , 2022, 18, e2105996.	10.0	16
16	Cyclic production of biocompatible few-layer graphene ink with in-line shear-mixing for inkjet-printed electrodes and Li-ion energy storage. <i>Npj 2D Materials and Applications</i> , 2022, 6, .	7.9	15
17	Quantifying the Piezoresistive Mechanism in High-Performance Printed Graphene Strain Sensors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7141-7151.	8.0	14
18	Transparent conductors for Mid-infrared liquid crystal spatial light modulators. <i>Thin Solid Films</i> , 2018, 660, 411-420.	1.8	13

#	ARTICLE	IF	CITATIONS
19	Semiconductor THz frequency combs exploiting solution processed graphene. , 2020, , .		0