

Kewen Pan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

570
citations

840776

11
h-index

1199594

12
g-index

25
all docs

25
docs citations

25
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable production of highly conductive multilayer graphene ink for wireless connectivity and IoT applications. Nature Communications, 2018, 9, 5197.	12.8	206
2	Printed graphene/WSe ₂ battery-free wireless photosensor on papers. 2D Materials, 2020, 7, 024004.	4.4	51
3	Experimental Demonstration of Printed Graphene Nano-flakes Enabled Flexible and Conformable Wideband Radar Absorbers. Scientific Reports, 2016, 6, 38197.	3.3	43
4	Textile embroidered wearable near-field communication RFID antennas. IET Microwaves, Antennas and Propagation, 2019, 13, 99-104.	1.4	42
5	Controlled reduction of graphene oxide laminate and its applications for ultra-wideband microwave absorption. Carbon, 2020, 160, 307-316.	10.3	40
6	Screen-Printed Graphite Nanoplate Conductive Ink for Machine Learning Enabled Wireless Radiofrequency-Identification Sensors. ACS Applied Nano Materials, 2019, 2, 6197-6208.	5.0	29
7	Smart Textile Integrated Wireless Powered Near Field Communication Body Temperature and Sweat Sensing System. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2020, 4, 164-170.	3.4	27
8	EcoFlex Sponge with Ultrahigh Oil Absorption Capacity. ACS Applied Materials & Interfaces, 2019, 11, 20037-20044.	8.0	26
9	Controlling Graphene Sheet Resistance for Broadband Printable and Flexible Artificial Magnetic Conductor-Based Microwave Radar Absorber Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 8503-8511.	5.1	22
10	Soft Radio-Frequency Identification Sensors: Wireless Long-Range Strain Sensors Using Radio-Frequency Identification. Soft Robotics, 2019, 6, 82-94.	8.0	17
11	Soft Wireless Battery-Free UHF RFID Stretchable Sensor Based on Microfluidic Technology. IEEE Journal of Radio Frequency Identification, 2019, 3, 252-258.	2.3	14
12	Dual Band Graphene Nanoflakes Printed Compact Monopole Antenna for Low Cost WIFI Applications. , 2019, , .		10
13	Graphene Printed Flexible and Conformal Array Antenna on Paper Substrate for 5.8GHz Wireless Communications. , 2020, , .		10
14	Non-Volatile RF Reconfigurable Antenna on Flexible Substrate for Wireless IoT Applications. IEEE Access, 2021, 9, 119395-119401.	4.2	9
15	Graphene Printed UWB Monopole Antenna for Wireless communication applications. , 2019, , .		8
16	Design and modeling of back gated graphene based RF switch with CPW transmission line on a high resistivity silicon substrate. , 2017, , .		4
17	On the design of metamaterial radar absorber applying AMC by controlling surface resistance. , 2019, , .		3
18	Metamaterial Inspired Long Read Range UHF RFID Tag Antenna. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Graphene Printed Antenna Array for Wireless Communication Applications. , 2021, , .		2
20	Graphene Microwave Resonators. , 2017, , .		1
21	On the study of monolayer graphene resonator and antenna for wireless applications. , 2017, , .		0
22	Graphene Nanoflakes Printed Dual-band CPW Fed Monopole Antenna for WLAN Applications. , 2019, , .		0
23	Printed Reduced Graphene Oxide based Broadband Radar Absorber with Hybrid absorption. , 2021, , .		0