

Rongguo Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrahigh Conductive Copper/Large Flake Size Graphene Heterostructure Thin-Film with Remarkable Electromagnetic Interference Shielding Effectiveness. <i>Small</i> , 2018, 14, e1704332.	5.2	111
2	Flexible graphite films with high conductivity for radio-frequency antennas. <i>Carbon</i> , 2018, 130, 164-169.	5.4	105
3	Flexible and transparent graphene/silver-nanowires composite film for high electromagnetic interference shielding effectiveness. <i>Science Bulletin</i> , 2019, 64, 540-546.	4.3	85
4	Electromagnetic shielding and multi-beam radiation with high conductivity multilayer graphene film. <i>Carbon</i> , 2019, 155, 506-513.	5.4	60
5	Flexible Graphene-Assembled Film-Based Antenna for Wireless Wearable Sensor with Miniaturized Size and High Sensitivity. <i>ACS Omega</i> , 2020, 5, 12937-12943.	1.6	49
6	Sandwiched Graphene Clad Laminate: A Binder-Free Flexible Printed Circuit Board for 5G Antenna Application. <i>Advanced Engineering Materials</i> , 2020, 22, 2000451.	1.6	42
7	Wideband and low sidelobe graphene antenna array for 5G applications. <i>Science Bulletin</i> , 2021, 66, 103-106.	4.3	33
8	High-conductive graphene film based antenna array for 5G mobile communications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21692.	0.8	31
9	Compact and Low-Profile UWB Antenna Based on Graphene-Assembled Films for Wearable Applications. <i>Sensors</i> , 2020, 20, 2552.	2.1	30
10	Dual-/Tri-Wideband Bandpass Filter with High Selectivity and Adjustable Passband for 5G Mid-Band Mobile Communications. <i>Electronics (Switzerland)</i> , 2020, 9, 205.	1.8	23
11	Flexible radiofrequency filters based on highly conductive graphene assembly films. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	21
12	A Dual-Band Conformal Antenna Based on Highly Conductive Graphene-Assembled Films for 5G WLAN Applications. <i>Materials</i> , 2021, 14, 5087.	1.3	20
13	A Graphene-Assembled Film Based MIMO Antenna Array with High Isolation for 5G Wireless Communication. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2382.	1.3	14
14	Ultra-high conductive graphene assembled film for millimeter wave electromagnetic protection. <i>Science Bulletin</i> , 2022, 67, 1122-1125.	4.3	12
15	A Graphene-Based Stopband FSS with Suppressed Mutual Coupling in Dielectric Resonator Antennas. <i>Materials</i> , 2021, 14, 1490.	1.3	5
16	Flexible graphene based films for microstrip array antennas. , 2017, , .		4
17	Conformal metal crack detection sensor based on flexible graphene film antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 0, , .	0.8	4
18	Graphene Assembled Film Based Millimeter Wave Antenna Array for 5G Mobile Communications. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
19	Graphene Antenna for Mobile Phone Application. , 2018, , .		1
20	Graphene film based Inverted-F Antenna for 5G Mobile Communications. , 2019, , .		1
21	High conductivity graphene assembled film based bandpass filter for 5G applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22602.	0.8	1
22	Graphene-based Motion Angle and Pressure Sensors for Lightweight and Flexible Wearable Devices. , 2021, , .		1
23	A 60 GHz Millimeter-wave Antenna Based on Highly Conductive Graphene-assembled Films. , 2021, , .		0
24	Graphene Film Based Wireless and Flexibly Wearable Sensor for Human Joint Angle Measurement. , 2021, , .		0
25	Conformal Patch Antenna Made of Graphene-Based Film for 2.45GHz/5.2GHz Frequencies. , 2020, , .		0
26	High Conductivity Graphene Based Films for Antenna Application. , 2020, , .		0
27	Low profile and miniaturized dual band antenna based on graphene assembled film for wearable applications. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	0.8	0