

I A Kotin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluorinated graphene suspension for flexible and printed electronics: Flakes, 2D films, and heterostructures. <i>Materials and Design</i> , 2019, 164, 107526.	7.0	27
2	Graphene-PEDOT: PSS Humidity Sensors for High Sensitive, Low-Cost, Highly-Reliable, Flexible, and Printed Electronics. <i>Materials</i> , 2019, 12, 3477.	2.9	25
3	2D printed graphene conductive layers with high carrier mobility. <i>Current Applied Physics</i> , 2017, 17, 1655-1661.	2.4	19
4	Two-layer and composite films based on oxidized and fluorinated graphene. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19010-19020.	2.8	19
5	Graphene suspensions for 2D printing. <i>Technical Physics Letters</i> , 2016, 42, 438-441.	0.7	15
6	Resistive switching effects in fluorinated graphene films with graphene quantum dots enhanced by polyvinyl alcohol. <i>Nanotechnology</i> , 2019, 30, 255701.	2.6	14
7	Tunable properties of few-layer graphene- <i>N</i> -methylpyrrolidone hybrid structures. <i>Nanotechnology</i> , 2012, 23, 315601.	2.6	13
8	High carrier mobility in chemically modified graphene on an atomically flat high-resistive substrate. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 285303.	2.8	13
9	Graphene Antenna on a Biodegradable Substrate for Frequency Range of Cellular Operators. , 2018, , .		11
10	Graphene-oxide films printed on rigid and flexible substrates for a wide spectrum of applications. <i>Semiconductors</i> , 2016, 50, 1065-1073.	0.5	8
11	Resistive Switching Effect with ON/OFF Current Relation up to 10^9 in 2D Printed Composite Films of Fluorinated Graphene with V_{2O_5} Nanoparticles. <i>Advanced Electronic Materials</i> , 2019, 5, 1900310.	5.1	7
12	Novel Graphene-Based Hybrid Material with Tunable Electronic Properties. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012, 20, 543-547.	2.1	6
13	Mildly oxidized graphene oxide suspension for printing technologies. <i>Materials Research Express</i> , 2018, 5, 065608.	1.6	6
14	Layered structures based on hydrogenated graphene with high carrier mobility. <i>Nanotechnologies in Russia</i> , 2013, 8, 621-626.	0.7	4
15	Modulation of current in self-forming lateral graphene-based heterostructures. <i>Technical Physics Letters</i> , 2015, 41, 950-953.	0.7	4
16	Comparison of flash-memory elements using materials based on graphene. <i>Technical Physics Letters</i> , 2017, 43, 889-892.	0.7	2
17	Substrates and coating for graphene based devices. , 2015, , .		0