Ivan A Komarov

List of Publications by Year
in descending order

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16	144	1683354 5	1281420 11
papers	citations	h-index	g-index

16	16	16	188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of flexible transparent conductive coatings based on single-walled carbon nanotubes. Inorganic Materials, 2014, 50, 23-28.	0.2	48
2	Laser direct 3D patterning and reduction of graphene oxide film on polymer substrate. Materials Letters, 2017, 187, 20-23.	1.3	41
3	Flexible biological sensors based on carbon nanotube films. Nanotechnologies in Russia, 2013, 8, 721-726.	0.7	23
4	Photophysical and photochemical effects in ultrafast laser patterning of CVD graphene. Journal Physics D: Applied Physics, 2016, 49, 41LT01.	1.3	14
5	Graphene Oxide Chemistry Management via the Use of KMnO4/K2Cr2O7 Oxidizing Agents. Nanomaterials, 2021, 11, 915.	1.9	8
6	Spin-coating deposition of graphene oxide from mixed water-organic suspensions. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 146-151.	1.0	3
7	Coupling of short DNAs with reduced graphene oxide for electronic and sensing applications. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 526-532.	1.0	3
8	Features of the integration of graphenes in microelectronic technology. Russian Microelectronics, 2014, 43, 477-482.	0.1	1
9	Fast-response biological sensors based on single-layer carbon nanotubes modified with specific aptamers. Semiconductors, 2015, 49, 1749-1753.	0.2	1
10	Chemiresistive Sensors for Thrombin Assay Based on Nanosize Carbon Nanotube Films on Flexible Supports. Bio-Medical Engineering, 2018, 51, 377-380.	0.3	1
11	Comparison of low cost lasers for graphene oxide thin films reduction. IOP Conference Series: Materials Science and Engineering, 2020, 934, 012040.	0.3	1
12	Technological prospects of developing DNA-modified biosensors based on carbon nanotubes. Biophysics (Russian Federation), 2015, 60, 722-726.	0.2	0
13	Direct laser patterning of graphene-based biosensors. Proceedings of SPIE, 2016, , .	0.8	0
14	Biosensor platform based on carbon nanotubes covalently modified with aptamers. Proceedings of SPIE, 2016, , .	0.8	0
15	Aptamer based biological sensors for virus-marker detection. AIP Conference Proceedings, 2018, , .	0.3	0
16	Laser reduction of graphene oxide thin films for nanoelectronic application. , 2019, , .		0