

Yuki Okigawa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

184
citations

8
h-index

13
g-index

22
ext. papers

219
ext. citations

4.2
avg, IF

2.79
L-index

#	Paper	IF	Citations
21	Bilayer graphene synthesis by plasma treatment of copper foils without using a carbon-containing gas. <i>Carbon</i> , 2014 , 77, 823-828	10.4	30
20	A study of preferential growth of carbon nanotubes with semiconducting behavior grown by plasma-enhanced chemical vapor deposition. <i>Journal of Applied Physics</i> , 2009 , 106, 073705	2.5	22
19	Medium Scale Integrated Circuits Using Carbon Nanotube Thin Film Transistors. <i>Applied Physics Express</i> , 2010 , 3, 115101	2.4	21
18	Electrical properties and domain sizes of graphene films synthesized by microwave plasma treatment under a low carbon concentration. <i>Carbon</i> , 2015 , 82, 60-66	10.4	20
17	Electrical characterization of graphene films synthesized by low-temperature microwave plasma chemical vapor deposition. <i>Applied Physics Letters</i> , 2013 , 103, 153106	3.4	18
16	Imaging of local structures affecting electrical transport properties of large graphene sheets by lock-in thermography. <i>Science Advances</i> , 2019 , 5, eaau3407	14.3	17
15	Potassium-doped n-type bilayer graphene. <i>Applied Physics Letters</i> , 2018 , 112, 043105	3.4	11
14	Improvement of device performance of polymer organic light-emitting diodes on smooth transparent sheet with graphene films synthesized by plasma treatment. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 095103	1.4	9
13	Electrical properties of carbon nanotube thin-film transistors fabricated using plasma-enhanced chemical vapor deposition measured by scanning probe microscopy. <i>Nanotechnology</i> , 2011 , 22, 195202	3.4	8
12	POTENTIAL PROFILE MEASUREMENT OF CARBON NANOTUBE FETs BASED ON THE ELECTROSTATIC FORCE DETECTION. <i>Nano</i> , 2008 , 03, 51-54	1.1	5
11	Extracting carrier mobility using a photoinduced charge transfer reaction: From conducting polymers to nanocarbon materials. <i>Organic Electronics</i> , 2020 , 78, 105615	3.5	5
10	Effects of outgassing on graphene synthesis by plasma treatment. <i>Carbon</i> , 2016 , 108, 351-355	10.4	4
9	Relationship between mobility and strain in CVD graphene on h-BN. <i>AIP Advances</i> , 2020 , 10, 085309	1.5	3
8	Proliferation of mesenchymal stem cells by graphene-attached soft material structure. <i>Diamond and Related Materials</i> , 2021 , 111, 108229	3.5	3
7	Potassium-doped n-type stacked graphene layers. <i>Materials Research Express</i> , 2019 , 6, 055009	1.7	2
6	Electrical Properties of Carbon Nanotube Field-Effect Transistors with Multiple Channels Measured by Scanning Gate Microscopy. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 02BD02	1.4	2
5	Electrical properties of bilayer graphene synthesized using surface wave microwave plasma techniques at low temperature. <i>Nanotechnology</i> , 2017 , 28, 025705	3.4	1

4	Conductance of individual channels in a carbon nanotube field-effect transistor studied by magnetic force microscopy. <i>Journal of Applied Physics</i> , 2009 , 106, 114315	2.5	1
3	Estimation of Height of Barrier Formed in Metallic Carbon Nanotube. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 02BN01	1.4	1
2	Temperature dependence of carrier mobility in chemical vapor deposited graphene on high-pressure, high-temperature hexagonal boron nitride. <i>Applied Surface Science</i> , 2021 , 562, 150146	6.7	1
1	Patterning of graphene using wet etching with hypochlorite and UV light.. <i>Scientific Reports</i> , 2022 , 12, 4541	4.9	0