

# Yuki Okigawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/975733/publications.pdf>

Version: 2024-02-01

22  
papers

246  
citations

1040018

9  
h-index

996954

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilayer graphene synthesis by plasma treatment of copper foils without using a carbon-containing gas. Carbon, 2014, 77, 823-828.	10.3	33
2	A study of preferential growth of carbon nanotubes with semiconducting behavior grown by plasma-enhanced chemical vapor deposition. Journal of Applied Physics, 2009, 106, 073705.	2.5	27
3	Medium Scale Integrated Circuits Using Carbon Nanotube Thin Film Transistors. Applied Physics Express, 2010, 3, 115101.	2.4	22
4	Electrical properties and domain sizes of graphene films synthesized by microwave plasma treatment under a low carbon concentration. Carbon, 2015, 82, 60-66.	10.3	22
5	Electrical characterization of graphene films synthesized by low-temperature microwave plasma chemical vapor deposition. Applied Physics Letters, 2013, 103, .	3.3	21
6	Imaging of local structures affecting electrical transport properties of large graphene sheets by lock-in thermography. Science Advances, 2019, 5, eaau3407.	10.3	21
7	Potassium-doped n-type bilayer graphene. Applied Physics Letters, 2018, 112, .	3.3	19
8	Extracting carrier mobility using a photoinduced charge transfer reaction: From conducting polymers to nanocarbon materials. Organic Electronics, 2020, 78, 105615.	2.6	11
9	Improvement of device performance of polymer organic light-emitting diodes on smooth transparent sheet with graphene films synthesized by plasma treatment. Japanese Journal of Applied Physics, 2015, 54, 095103.	1.5	10
10	Electrical properties of carbon nanotube thin-film transistors fabricated using plasma-enhanced chemical vapor deposition measured by scanning probe microscopy. Nanotechnology, 2011, 22, 195202.	2.6	9
11	Potassium-doped n-type stacked graphene layers. Materials Research Express, 2019, 6, 055009.	1.6	9
12	Temperature dependence of carrier mobility in chemical vapor deposited graphene on high-pressure, high-temperature hexagonal boron nitride. Applied Surface Science, 2021, 562, 150146.	6.1	9
13	Relationship between mobility and strain in CVD graphene on <i>h</i> -BN. AIP Advances, 2020, 10, .	1.3	8
14	POTENTIAL PROFILE MEASUREMENT OF CARBON NANOTUBE FETs BASED ON THE ELECTROSTATIC FORCE DETECTION. Nano, 2008, 03, 51-54.	1.0	5
15	Synthesis and characterization of potassium-doped multilayer graphene prepared by wet process using potassium hydroxide. Nano Express, 0, , .	2.4	5
16	Effects of outgassing on graphene synthesis by plasma treatment. Carbon, 2016, 108, 351-355.	10.3	4
17	Proliferation of mesenchymal stem cells by graphene-attached soft material structure. Diamond and Related Materials, 2021, 111, 108229.	3.9	3
18	Electrical Properties of Carbon Nanotube Field-Effect Transistors with Multiple Channels Measured by Scanning Gate Microscopy. Japanese Journal of Applied Physics, 2010, 49, 02BD02.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Electrical properties of bilayer graphene synthesized using surface wave microwave plasma techniques at low temperature. <i>Nanotechnology</i> , 2017, 28, 025705.	2.6	2
20	Patterning of graphene using wet etching with hypochlorite and UV light. <i>Scientific Reports</i> , 2022, 12, 4541.	3.3	2
21	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
22	Estimation of Height of Barrier Formed in Metallic Carbon Nanotube. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BN01.	1.5	1