

George Machado Jr

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

278
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	0.4 millimeters vertically aligned carbon nanotubes from a cold wall CVD system at low pressure – Temperature analysis. Carbon Trends, 2022, 7, 100155.	3.0	2
2	Field-effect transistors made of graphene grown on recycled copper foils. Materials Chemistry and Physics, 2020, 256, 123665.	4.0	4
3	Clean-Room Lithographical Processes for the Fabrication of Graphene Biosensors. Materials, 2020, 13, 5728.	2.9	15
4	Attomolar Label-Free Detection of DNA Hybridization with Electrolyte-Gated Graphene Field-Effect Transistors. ACS Sensors, 2019, 4, 286-293.	7.8	146
5	Functionalization of single-layer graphene for immunoassays. Applied Surface Science, 2019, 480, 709-716.	6.1	29
6	Wafer scale fabrication of graphene microelectrode arrays for the detection of DNA hybridization. Microelectronic Engineering, 2018, 189, 85-90.	2.4	19
7	Laser patterning of amorphous silicon thin films deposited on flexible and rigid substrates. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1717-1727.	1.8	5
8	Electrochemically Gated Graphene Field-Effect Transistor for Extracellular Cell Signal Recording. IFIP Advances in Information and Communication Technology, 2016, , 558-564.	0.7	2
9	Graphene field-effect transistor array with integrated electrolytic gates scaled to 200 mm. Journal of Physics Condensed Matter, 2016, 28, 085302.	1.8	40
10	Piezoresistor Sensor Fabrication by Direct Laser Writing on Hydrogenated Amorphous Silicon. Materials Research Society Symposia Proceedings, 2014, 1594, 1.	0.1	0
11	Influence of hydrogen plasma thermal treatment on the properties of ZnO:Al thin films prepared by dc magnetron sputtering. Vacuum, 2014, 107, 145-154.	3.5	16