

Mattia Scagliotti

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

126
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Single walled carbon nanotube/Si heterojunctions for high responsivity photodetectors. <i>Nanotechnology</i> , 2017, 28, 435201.	2.6	21
2	Time response in carbon nanotube/Si based photodetectors. <i>Sensors and Actuators A: Physical</i> , 2019, 292, 71-76.	4.1	20
3	Stoichiometric Bi ₂ Se ₃ topological insulator ultra-thin films obtained through a new fabrication process for optoelectronic applications. <i>Nanoscale</i> , 2020, 12, 12405-12415.	5.6	16
4	Influence of the contact geometry on single-walled carbon nanotube/Si photodetector response. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1053-1058.	3.1	13
5	Highly sensitive organic phototransistor for flexible optical detector arrays. <i>Organic Electronics</i> , 2022, 102, 106452.	2.6	13
6	Increasing Efficiency in Single-Walled Carbon Nanotube/n-Si Photodetectors by Voltage Doping. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 837-840.	2.0	11
7	Femtosecond light pulse response of photodetectors based on Graphene/n-Si heterojunctions. <i>Carbon</i> , 2019, 152, 643-651.	10.3	9
8	Large-area, high-responsivity, fast and broadband graphene/n-Si photodetector. <i>Nanotechnology</i> , 2021, 32, 155504.	2.6	9
9	Carbon Nanotube Film/Silicon Heterojunction Photodetector for New Cutting-Edge Technological Devices. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 606.	2.5	9
10	2D Carbon Material/Silicon Heterojunctions for Fast Response Self-Powered Photodetector. <i>International Journal of Nanoscience</i> , 2019, 18, 1940088.	0.7	3
11	Silicene Nanostructures Grown on Graphene Covered SiC (0001) Substrate. <i>International Journal of Nanoscience</i> , 2019, 18, 1940039.	0.7	2