

Mattia Scagliotti

List of Publications by Year in descending order

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11
papers

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1163117
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166
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Highly sensitive organic phototransistor for flexible optical detector arrays. <i>Organic Electronics</i> , 2022, 102, 106452. | 2.6 | 13 |
| 2 | Large-area, high-responsivity, fast and broadband graphene/n-Si photodetector. <i>Nanotechnology</i> , 2021, 32, 155504. | 2.6 | 9 |
| 3 | Carbon Nanotube Film/Silicon Heterojunction Photodetector for New Cutting-Edge Technological Devices. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 606. | 2.5 | 9 |
| 4 | 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 |
| 5 | 2D Carbon Material/Silicon Heterojunctions for Fast Response Self-Powered Photodetector. <i>International Journal of Nanoscience</i> , 2019, 18, 1940088. | 0.7 | 3 |
| 6 | Femtosecond light pulse response of photodetectors based on Graphene/n-Si heterojunctions. <i>Carbon</i> , 2019, 152, 643-651. | 10.3 | 9 |
| 7 | Time response in carbon nanotube/Si based photodetectors. <i>Sensors and Actuators A: Physical</i> , 2019, 292, 71-76. | 4.1 | 20 |
| 8 | Silicene Nanostructures Grown on Graphene Covered SiC (0001) Substrate. <i>International Journal of Nanoscience</i> , 2019, 18, 1940039. | 0.7 | 2 |
| 9 | 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 |
| 10 | 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 |
| 11 | Single walled carbon nanotube/Si heterojunctions for high responsivity photodetectors. <i>Nanotechnology</i> , 2017, 28, 435201. | 2.6 | 21 |