

# Rocco Carcione

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5590392/publications.pdf>

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15  
papers

111  
citations

1163117

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h-index

1281871

11  
g-index

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all docs

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docs citations

15  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidized and amino-functionalized nanodiamonds as shuttle for delivery of plant secondary metabolites: Interplay between chemical affinity and bioactivity. <i>Applied Surface Science</i> , 2019, 470, 744-754.	6.1	18
2	Effect of Volatile Organic Compounds Adsorption on 3D-Printed PEGDA:PEDOT for Long-Term Monitoring Devices. <i>Nanomaterials</i> , 2021, 11, 94.	4.1	13
3	Graphene platelets from shungite rock modulate electropolymerization and charge storage mechanisms of soft-template synthesized polypyrrole-based nanocomposites. <i>Scientific Reports</i> , 2018, 8, 17045.	3.3	11
4	Exploring a new approach for regenerative medicine: Ti-doped polycrystalline diamond layers as bioactive platforms for osteoblast-like cells growth. <i>Applied Surface Science</i> , 2021, 540, 148334.	6.1	11
5	Shungite Carbon as Unexpected Natural Source of Few-Layer Graphene Platelets in a Low Oxidation State. <i>Inorganic Chemistry</i> , 2018, 57, 8487-8498.	4.0	10
6	Formation of CdSe quantum dots from single source precursor obtained by thermal and laser treatment. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020, 38, .	1.2	10
7	Exploiting the Properties of Ti-Doped CVD-Grown Diamonds for the Assembling of Electrodes. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700222.	3.7	9
8	Cadmium Telluride Nanocomposite Films Formation from Thermal Decomposition of Cadmium Carboxylate Precursor and Their Photoluminescence Shift from Green to Red. <i>Crystals</i> , 2021, 11, 253.	2.2	9
9	PANI-Modified Ti-Doped CVD Diamond As Promising Conductive Platform to Mimic Bioelectricity Functions. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101401.	3.7	6
10	On the route to produce conductive Ni-related color centers in CVD-grown diamond. <i>Multifunctional Materials</i> , 2019, 2, 035001.	3.7	4
11	Chemical routes for synthesis of polypyrrole-based nanocomposites incorporating graphene platelets from natural Shungite. <i>Materials Today: Proceedings</i> , 2019, 10, 466-475.	1.8	4
12	Innovative preparation processes and structural characteristics of 3D printable polymer-based nanocomposites. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
13	Direct Laser Patterning of CdTe QDs and Their Optical Properties Control through Laser Parameters. <i>Nanomaterials</i> , 2022, 12, 1551.	4.1	2
14	Flexible electrodes for supercapacitors assembled with NiOx(OH)y nanoflakes on H-plasma nanosculptured carbon fiber patches. <i>Materials Today Energy</i> , 2017, 5, 79-90.	4.7	1
15	Synthesis of dot in rod semiconductor heterostructures for the engineering of nanocrystals optical properties. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0