

Giovanni Spinelli

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9196435/giovanni-spinelli-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

670

citations

13

h-index

25

g-index

34

ext. papers

824

ext. citations

4.4

avg, IF

3.89

L-index

#	Paper	IF	Citations
28	Experimental, Theoretical and Simulation Studies on the Thermal Behavior of PLA-Based Nanocomposites Reinforced with Different Carbonaceous Fillers. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
27	Sensitivity analysis of a Graphene Field-Effect Transistors by means of Design of Experiments. <i>Mathematics and Computers in Simulation</i> , 2021 , 183, 187-197	3.3	8
26	Dielectric Spectroscopy and Thermal Properties of Poly(lactic) Acid Reinforced with Carbon-Based Particles: Experimental Study and Design Theory. <i>Polymers</i> , 2020 , 12,	4.5	2
25	Damage Monitoring of Structural Resins Loaded with Carbon Fillers: Experimental and Theoretical Study. <i>Nanomaterials</i> , 2020 , 10,	5.4	17
24	Investigation of Electrical Properties of Graphene-Based Nanocomposites Supported by Tunnelling AFM (TUNA). <i>Lecture Notes in Electrical Engineering</i> , 2020 , 375-387	0.2	
23	Rheological and electrical behaviour of nanocarbon/poly(lactic) acid for 3D printing applications. <i>Composites Part B: Engineering</i> , 2019 , 167, 467-476	10	39
22	Effects of Filament Extrusion, 3D Printing and Hot-Pressing on Electrical and Tensile Properties of Poly(Lactic) Acid Composites Filled with Carbon Nanotubes and Graphene. <i>Nanomaterials</i> , 2019 , 10,	5.4	23
21	Nanocarbon/Poly(Lactic) Acid for 3D Printing: Effect of Fillers Content on Electromagnetic and Thermal Properties. <i>Materials</i> , 2019 , 12,	3.5	24
20	Electrical Current Map and Bulk Conductivity of Carbon Fiber-Reinforced Nanocomposites. <i>Polymers</i> , 2019 , 11,	4.5	8
19	Electrical conductivity of carbon nanofiber reinforced resins: Potentiality of Tunneling Atomic Force Microscopy (TUNA) technique. <i>Composites Part B: Engineering</i> , 2018 , 143, 148-160	10	35
18	Experimental and theoretical study on piezoresistive properties of a structural resin reinforced with carbon nanotubes for strain sensing and damage monitoring. <i>Composites Part B: Engineering</i> , 2018 , 145, 90-99	10	59
17	Evaluation of thermal and electrical conductivity of carbon-based PLA nanocomposites for 3D printing 2018 ,		7
16	Numerical Simulation of the Percolation Threshold in Non-Overlapping Ellipsoid Composites: Toward Bottom-Up Approach for Carbon Based Electromagnetic Components Realization. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 882	2.6	8
15	Nanocomposites conductivity point measurement using Tunneling AFM (TUNA). <i>MATEC Web of Conferences</i> , 2018 , 233, 00022	0.3	
14	Electrical characterization of aeronautical nanocomposites supported by Tunneling AFM (TUNA). <i>MATEC Web of Conferences</i> , 2018 , 233, 00023	0.3	
13	Morphological, Rheological and Electromagnetic Properties of Nanocarbon/Poly(lactic) Acid for 3D Printing: Solution Blending vs. Melt Mixing. <i>Materials</i> , 2018 , 11,	3.5	23
12	Influence of carbon nanoparticles/epoxy matrix interaction on mechanical, electrical and transport properties of structural advanced materials. <i>Nanotechnology</i> , 2017 , 28, 094001	3.4	57

11	Electrical properties of multiphase composites based on carbon nanotubes and an optimized clay content 2016,		2
10	Piezoresistive properties of resin reinforced with carbon nanotubes for health-monitoring of aircraft primary structures. <i>Composites Part B: Engineering</i> , 2016 , 107, 192-202	10	101
9	Analysis of the Effects of Hydrotalcite Inclusion on the Temperature-Sensing Properties of CNT-Epoxy Nanocomposites. <i>IEEE Sensors Journal</i> , 2016 , 16, 7977-7985	4	6
8	Morphological and electrical characterization of epoxy resin filled with exfoliated graphite 2015,		1
7	Fabrication and Charge Transport Modeling of Thin-Film Transistor Based on Carbon Nanotubes Network. <i>IEEE Nanotechnology Magazine</i> , 2014 , 13, 795-804	2.6	3
6	Development of epoxy mixtures for application in aeronautics and aerospace. <i>RSC Advances</i> , 2014 , 4, 15474-15488	3.7	108
5	The role of carbon nanofiber defects on the electrical and mechanical properties of CNF-based resins. <i>Nanotechnology</i> , 2013 , 24, 305704	3.4	77
4	Improvement of the electrical conductivity in multiphase epoxy-based MWCNT nanocomposites by means of an optimized clay content. <i>Composites Science and Technology</i> , 2013 , 89, 69-76	8.6	30
3	Numerical study of electrical behaviour in carbon nanotube composites. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2012 , 39, 21-27	0.4	15
2	Electrical properties of multi-walled carbon nanotube/tetrafunctional epoxy-amine composites 2012,		9
1	Reliable bounds for the propagation delay in VLSI nano interconnects based on Multi Wall Carbon Nano Tubes 2010,		1