

Antoine Lonjon

List of Publications by Year in descending order

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papers

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516561

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24
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26
all docs

26
docs citations

26
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic electrical and mechanical properties of epoxy/silver nanowires composites. Journal of Applied Polymer Science, 2022, 139, 51710.	1.3	0
2	Carbon fiber reinforced polymer metallization via a conductive silver nanowires polyurethane coating for electromagnetic shielding. Journal of Applied Polymer Science, 2021, 138, 50146.	1.3	6
3	Influence of alloying on the tensile strength and electrical resistivity of silver nanowire: copper composites macroscopic wires. Journal of Materials Science, 2021, 56, 4884-4895.	1.7	5
4	Nickel-Decorated Silver Nanowires for Polymer-Based Magnetoelectric Composite. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100037.	0.8	0
5	Thermal and dynamic mechanical behavior of poly(lactic acid) (PLA)-based electrospun scaffolds for tissue engineering. Journal of Applied Polymer Science, 2021, 138, 51313.	1.3	21
6	Innovative conductive polymer composite coating for aircrafts lightning strike protection. Journal of Applied Polymer Science, 2020, 137, 48700.	1.3	8
7	Nanostructured 1% silver-copper composite wires with a high tensile strength and a high electrical conductivity. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 761, 138048.	2.6	15
8	Conductive sizing for improving electrical conductivity of carbon fiber/polyaryl ether ketone/AgNWs composites. Journal of Applied Polymer Science, 2019, 136, 47872.	1.3	1
9	Thermal, mechanical and dielectric behaviour of poly(aryl ether ketone) with low melting temperature. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2147-2157.	2.0	25
10	Dynamic rheological behavior of poly(ether ketone ketone) from solid state to melt state. Journal of Applied Polymer Science, 2018, 135, 46456.	1.3	24
11	Influence of silver nanowires on thermal and electrical behaviors of a poly(epoxy) coating for aeronautical application. Journal of Applied Polymer Science, 2018, 135, 46829.	1.3	10
12	Morphology and dynamical mechanical properties of poly ether ketone ketone (<sc>PEKK</sc>) with meta phenyl links. Journal of Applied Polymer Science, 2016, 133, .	1.3	56
13	Silver fillers aspect ratio influence on electrical and thermal conductivity in PEEK/Ag nanocomposites. European Polymer Journal, 2016, 85, 115-125.	2.6	82
14	Conduction mechanisms in P(VDF-TrFE)/gold nanowire composites: tunnelling and thermally-activated hopping process near the percolation threshold. Materials Research Express, 2016, 3, 085027.	0.8	9
15	Electrically conductive carbon fiber / PEKK / silver nanowires multifunctional composites. Composites Science and Technology, 2016, 137, 159-166.	3.8	27
16	Specific heat capacity and thermal conductivity of PEEK/Ag nanoparticles composites determined by Modulated-Temperature Differential Scanning Calorimetry. Polymer Degradation and Stability, 2016, 127, 98-104.	2.7	56
17	Polymerization study and rheological behavior of a RTM6 epoxy resin system during preprocessing step. Journal of Thermal Analysis and Calorimetry, 2015, 119, 329-336.	2.0	15
18	Percolative silver nanoplates/PVDF nanocomposites: Bulk and surface electrical conduction. Polymer, 2015, 78, 104-110.	1.8	32

#	ARTICLE	IF	CITATIONS
19	High conductive Ag nanowire/polyimide composites: Charge transport mechanism in thermoplastic thermostable materials. <i>Journal of Non-Crystalline Solids</i> , 2014, 385, 34-39.	1.5	26
20	High-performance thermoplastic composites poly(ether ketone ketone)/silver nanowires: Morphological, mechanical and electrical properties. <i>Journal of Non-Crystalline Solids</i> , 2014, 391, 106-111.	1.5	57
21	High electrically conductive composites of Polyamide 11 filled with silver nanowires: Nanocomposites processing, mechanical and electrical analysis. <i>Journal of Non-Crystalline Solids</i> , 2013, 376, 199-204.	1.5	33
22	Mechanical improvement of P(VDF-TrFE) /nickel nanowires conductive nanocomposites: Influence of particles aspect ratio. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 236-240.	1.5	33
23	Electrical conductivity improvement of aeronautical carbon fiber reinforced polyepoxy composites by insertion of carbon nanotubes. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 1859-1862.	1.5	53
24	Low filled conductive P(VDF-TrFE) composites: Influence of silver particles aspect ratio on percolation threshold from spheres to nanowires. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 3074-3078.	1.5	27
25	Structural and electrical properties of gold nanowires/P(VDF-TrFE) nanocomposites. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 345401.	1.3	40
26	New Highly Conductive Nickel Nanowire-Filled P(VDF-TrFE) Copolymer Nanocomposites: Elaboration and Structural Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12002-12006.	1.5	37