

Antoine Lonjon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4476939/publications.pdf>

Version: 2024-02-01

26
papers

698
citations

516561

16
h-index

610775

24
g-index

26
all docs

26
docs citations

26
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver fillers aspect ratio influence on electrical and thermal conductivity in PEEK/Ag nanocomposites. <i>European Polymer Journal</i> , 2016, 85, 115-125.	2.6	82
2	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
3	Morphology and dynamical mechanical properties of poly ether ketone ketone (<sc>PEKK</sc>) with meta phenyl links. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	56
4	Specific heat capacity and thermal conductivity of PEEK/Ag nanoparticles composites determined by Modulated-Temperature Differential Scanning Calorimetry. <i>Polymer Degradation and Stability</i> , 2016, 127, 98-104.	2.7	56
5	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
6	Structural and electrical properties of gold nanowires/P(VDF-TrFE) nanocomposites. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 345401.	1.3	40
7	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
8	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
9	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
10	Percolative silver nanoplates/PVDF nanocomposites: Bulk and surface electrical conduction. <i>Polymer</i> , 2015, 78, 104-110.	1.8	32
11	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
12	Electrically conductive carbon fiber / PEKK / silver nanowires multifunctional composites. <i>Composites Science and Technology</i> , 2016, 137, 159-166.	3.8	27
13	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
14	Thermal, mechanical and dielectric behaviour of poly(aryl ether ketone) with low melting temperature. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2147-2157.	2.0	25
15	Dynamic rheological behavior of poly(ether ketone ketone) from solid state to melt state. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46456.	1.3	24
16	Thermal and dynamic mechanical behavior of poly(lactic acid) (PLA)â€based electrospun scaffolds for tissue engineering. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51313.	1.3	21
17	Polymerization study and rheological behavior of a RTM6 epoxy resin system during preprocessing step. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 329-336.	2.0	15
18	Nanostructured 1% silver-copper composite wires with a high tensile strength and a high electrical conductivity. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 761, 138048.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Influence of silver nanowires on thermal and electrical behaviors of a poly(epoxy) coating for aeronautical application. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46829.	1.3	10
20	Conduction mechanisms in P(VDF-TrFE)/gold nanowire composites: tunnelling and thermally-activated hopping process near the percolation threshold. <i>Materials Research Express</i> , 2016, 3, 085027.	0.8	9
21	Innovative conductive polymer composite coating for aircrafts lightning strike protection. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48700.	1.3	8
22	Carbon fiber reinforced polymer metallization via a conductive silver nanowires polyurethane coating for electromagnetic shielding. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50146.	1.3	6
23	Influence of alloying on the tensile strength and electrical resistivity of silver nanowire: copper composites macroscopic wires. <i>Journal of Materials Science</i> , 2021, 56, 4884-4895.	1.7	5
24	Conductive sizing for improving electrical conductivity of carbon fiber/polyarylether ketone/AgNWs composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47872.	1.3	1
25	Nickel-Decorated Silver Nanowires for Polymer-Based Magnetoelectric Composite. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100037.	0.8	0
26	Dynamic electrical and mechanical properties of epoxy/silver nanowires composites. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51710.	1.3	0