

France Chabert

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

639
citations

687363

13
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Mastering Sulfonation of Aromatic Polysulfones: Crucial for Membranes for Fuel Cell Application. Fuel Cells, 2005, 5, 344-354.	2.4	128
2	From polymer chemistry to membrane elaboration. Journal of Power Sources, 2006, 153, 198-209.	7.8	91
3	Influence of printing parameters on the stability of deposited beads in fused filament fabrication of poly(lactic) acid. Additive Manufacturing, 2019, 25, 112-121.	3.0	74
4	Cross-linked Polyvinyl Alcohol as a Binder for Gelcasting and Green Machining. Journal of the American Ceramic Society, 2008, 91, 3138-3146.	3.8	70
5	Avoiding "mud" cracks during drying of thin films from aqueous colloidal suspensions. Journal of Colloid and Interface Science, 2007, 313, 160-168.	9.4	58
6	Friction, acoustic emission, and wear mechanisms of a PEKK polymer. Tribology International, 2019, 132, 154-164.	5.9	28
7	Performance, durability and recycling of thermoplastic biocomposites reinforced with coriander straw. Composites Part A: Applied Science and Manufacturing, 2018, 113, 254-263.	7.6	26
8	Evolution of crystallinity of PEEK and glass-fibre reinforced PEEK under tribological conditions using Raman spectroscopy. Wear, 2019, 426-427, 1040-1046.	3.1	23
9	Extrusion: An environmentally friendly process for PEMFC membrane elaboration. Electrochimica Acta, 2007, 53, 1584-1595.	5.2	22
10	Supramolecular polymer for enhancement of adhesion and processability of hot melt polyamides. International Journal of Adhesion and Adhesives, 2010, 30, 696-705.	2.9	20
11	In-situ infrared thermography measurements to master transmission laser welding process parameters of PEKK. Optics and Lasers in Engineering, 2018, 106, 94-104.	3.8	18
12	Effect of size, concentration, and nature of fillers on crystallinity, thermal, and mechanical properties of polyetheretherketone composites. Journal of Applied Polymer Science, 2022, 139, 51574.	2.6	16
13	Effect of interfacial crystalline growth on autohesion of PEEK. International Journal of Adhesion and Adhesives, 2019, 89, 82-87.	2.9	14
14	Enhancement of the fatigue life of recycled PP by incorporation of recycled opaque PET collected from household milk bottle wastes. Waste Management, 2021, 125, 49-57.	7.4	13
15	Towards Extrusion of Ionomers to Process Fuel Cell Membranes. Polymers, 2011, 3, 1126-1150.	4.5	12
16	Rheological and crystallization behaviors of low processing temperature poly(aryl ether ketone). Journal of Applied Polymer Science, 2021, 138, 51402.	2.6	7
17	Poly(etheretherketone)/Poly(ethersulfone) Blends with Phenolphthalein: Miscibility, Thermomechanical Properties, Crystallization and Morphology. Polymers, 2021, 13, 1466.	4.5	6
18	Probing Wettability Alteration of the Boron Nitride Surface through Rheometry. Langmuir, 2019, 35, 128-140.	3.5	4

#	ARTICLE	IF	CITATIONS
19	Optimization of Mechanical Properties and Manufacturing Time through Experimental and Statistical Analysis of Process Parameters in Selective Laser Sintering. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-15.	1.8	4
20	Extruded Proton Exchange Membranes Based on Sulfonated Polyaromatic Polymers for Fuel Cell Application. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
21	Laser transmission welding as an assembling process for high temperature electronic packaging. , 2016, , .		2
22	Numerical and experimental analysis of the thermal profile of printed layers during selective laser sintering process of poly(etheretherketone). <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
23	Effect of Clay Amounts on Morphology and Mechanical Performances in Multiscale PET Composites. , 2011, , .		0
24	In-situ measurements of temperature distribution during transmission laser welding of poly(aryletherketone). <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0