

Carine Ccj Chivas-Joly

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

346
citations

840776

11
h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide incorporating carbon fibre-reinforced composites submitted to simultaneous impact and fire: Physicochemical characterisation and toxicology of the by-products. <i>Journal of Hazardous Materials</i> , 2022, 424, 127544.	12.4	9
2	Thermal degradation, flammability, and potential toxicity of polymer nanocomposites. , 2021, , 343-373.		1
3	Dimensional measurement of TiO ₂ (Nano) particles by SAXS and SEM in powder form. <i>Talanta</i> , 2021, 234, 122619.	5.5	15
4	Challenges in sample preparation for measuring nanoparticles size by scanning electron microscopy from suspensions, powder form and complex media. <i>Powder Technology</i> , 2020, 359, 226-237.	4.2	26
5	Assessment of the protective effect of PMMA on water immersion ageing of flame retarded PLA/PMMA blends. <i>Polymer Degradation and Stability</i> , 2020, 174, 109104.	5.8	10
6	Evaluation of nanosilica emission in polydimethylsiloxane composite during incineration. <i>Journal of Hazardous Materials</i> , 2019, 371, 415-422.	12.4	12
7	Physical, morphological and chemical modification of Al-based nanofillers in by-products of incinerated nanocomposites and related biological outcome. <i>Journal of Hazardous Materials</i> , 2019, 365, 405-412.	12.4	14
8	Improving the resistance to hydrothermal ageing of flame-retarded PLA by incorporating miscible PMMA. <i>Polymer Degradation and Stability</i> , 2018, 155, 52-66.	5.8	17
9	End-of-life incineration of nanocomposites: new insights into nanofiller partitioning into by-products and biological outcomes of airborne emission and residual ash. <i>Environmental Science: Nano</i> , 2018, 5, 1951-1964.	4.3	9
10	High-performance fire-retardant polyamide materials. , 2017, , 147-170.		4
11	Characterization of aerosols and fibers emitted from composite materials combustion. <i>Journal of Hazardous Materials</i> , 2016, 301, 153-162.	12.4	16
12	Influence of the composition of PMMA nanocomposites on gaseous effluents emitted during combustion. <i>Polymer Degradation and Stability</i> , 2015, 113, 197-207.	5.8	5
13	Behavior and Fate of Halloysite Nanotubes (HNTs) When Incinerating PA6/HNTs Nanocomposite. <i>Environmental Science & Technology</i> , 2015, 49, 5450-5457.	10.0	31
14	Influence of carbon nanotubes on fire behaviour and aerosol emitted during combustion of thermoplastics. <i>Fire and Materials</i> , 2014, 38, 46-62.	2.0	17
15	Thermal degradation, flammability, and potential toxicity of polymer nanocomposites. , 2014, , 278-310.		3
16	Experience plan for controlled atmosphere cone calorimeter by Doehlert method. <i>Fire and Materials</i> , 2013, 37, 171-176.	2.0	2
17	Modelling decomposition and fire behaviour of small samples of a glass fibre reinforced polyester/balsa cored sandwich material. <i>Fire and Materials</i> , 2013, 37, 413-439.	2.0	16
18	A DFT study on the initial stage of thermal degradation of Poly(methyl methacrylate)/carbon nanotube system. <i>Journal of Molecular Modeling</i> , 2013, 19, 623-629.	1.8	2

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19	Aerosols emitted by the combustion of polymers containing nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	33
20	Characterization of aerosol emitted by the combustion of nanocomposites. Journal of Physics: Conference Series, 2011, 304, 012020.	0.4	7
21	Gaseous effluents from the combustion of nanocomposites in controlled-ventilation conditions. Journal of Physics: Conference Series, 2011, 304, 012019.	0.4	7
22	Assessment of risks and benefits in the use of flame retardants in upholstered furniture in continental Europe. Fire Safety Journal, 2009, 44, 801-807.	3.1	40
23	The NANOFEU project: Objectives and tools. Journal of Physics: Conference Series, 2009, 170, 012034.	0.4	2
24	Modélisation du comportement au feu d'un composite par calcul de pyrolyse : approche combinée expérience-simulation à petite échelle. Mécanique Et Industries, 2009, 10, 245-253.	0.2	2
25	Incorporation of a grafted brominated monomer in glass fiber reinforced polypropylene to improve the fire resistance. Polymer Degradation and Stability, 2001, 74, 449-456.	5.8	27
26	Properties of Nanofillers in Polymer. , 0, , .		13
27	The effect of simultaneous heat/fire and impact on carbon fibril and particle release from carbon fiber reinforced composites. Polymer Composites, 0, , .	4.6	6