

# Carine Ccj Chivas-Joly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4276254/publications.pdf>

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	Assessment of risks and benefits in the use of flame retardants in upholstered furniture in continental Europe. <i>Fire Safety Journal</i> , 2009, 44, 801-807.	3.1	40
2	Aerosols emitted by the combustion of polymers containing nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	33
3	Behavior and Fate of Halloysite Nanotubes (HNTs) When Incinerating PA6/HNTs Nanocomposite. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5450-5457.	10.0	31
4	Incorporation of a grafted brominated monomer in glass fiber reinforced polypropylene to improve the fire resistance. <i>Polymer Degradation and Stability</i> , 2001, 74, 449-456.	5.8	27
5	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
6	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
7	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
8	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
9	Characterization of aerosols and fibers emitted from composite materials combustion. <i>Journal of Hazardous Materials</i> , 2016, 301, 153-162.	12.4	16
10	Dimensional measurement of TiO <sub>2</sub> (Nano) particles by SAXS and SEM in powder form. <i>Talanta</i> , 2021, 234, 122619.	5.5	15
11	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
12	Properties of Nanofillers in Polymer. , 0, , .		13
13	Evaluation of nanosilica emission in polydimethylsiloxane composite during incineration. <i>Journal of Hazardous Materials</i> , 2019, 371, 415-422.	12.4	12
14	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
15	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
16	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
17	Characterization of aerosol emitted by the combustion of nanocomposites. <i>Journal of Physics: Conference Series</i> , 2011, 304, 012020.	0.4	7
18	Gaseous effluents from the combustion of nanocomposites in controlled-ventilation conditions. <i>Journal of Physics: Conference Series</i> , 2011, 304, 012019.	0.4	7

#	ARTICLE	IF	CITATIONS
19	The effect of simultaneous heat/fire and impact on carbon fibril and particle release from carbon fiber reinforced composites. <i>Polymer Composites</i> , 0, , .	4.6	6
20	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
21	High-performance fire-retardant polyamide materials. , 2017, , 147-170.		4
22	Thermal degradation, flammability, and potential toxicity of polymer nanocomposites. , 2014, , 278-310.		3
23	The NANOFEU project: Objectives and tools. <i>Journal of Physics: Conference Series</i> , 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. <i>Mécanique Et Industries</i> , 2009, 10, 245-253.	0.2	2
25	Experience plan for controlled atmosphere cone calorimeter by Doehlert method. <i>Fire and Materials</i> , 2013, 37, 171-176.	2.0	2
26	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
27	Thermal degradation, flammability, and potential toxicity of polymer nanocomposites. , 2021, , 343-373.		1