

Marius C Costache

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,116
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1308
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between thermal degradation behavior of polymer and the fire retardancy of polymer/clay nanocomposites. <i>Polymer</i> , 2005, 46, 10678-10687.	3.8	214
2	Thermal degradation of ethylene-vinyl acetate copolymer nanocomposites. <i>Polymer</i> , 2005, 46, 6947-6958.	3.8	196
3	The thermal degradation of poly(methyl methacrylate) nanocomposites with montmorillonite, layered double hydroxides and carbon nanotubes. <i>Polymers for Advanced Technologies</i> , 2006, 17, 272-280.	3.2	192
4	The influence of carbon nanotubes, organically modified montmorillonites and layered double hydroxides on the thermal degradation and fire retardancy of polyethylene, ethylene-vinyl acetate copolymer and polystyrene. <i>Polymer</i> , 2007, 48, 6532-6545.	3.8	139
5	Resin-modified Glass-ionomer Setting Reaction Competition. <i>Journal of Dental Research</i> , 2010, 89, 82-86.	5.2	97
6	Preparation and characterization of poly(ethylene terephthalate)/clay nanocomposites by melt blending using thermally stable surfactants. <i>Polymers for Advanced Technologies</i> , 2006, 17, 764-771.	3.2	96
7	Benzimidazolium surfactants for modification of clays for use with styrenic polymers. <i>Polymer Degradation and Stability</i> , 2007, 92, 1753-1762.	5.8	47
8	Polymer-xerogel composites for controlled release wound dressings. <i>Biomaterials</i> , 2010, 31, 6336-6343.	11.4	47
9	Enzymatic Surface Erosion of High Tensile Strength Polycarbonates Based on Natural Phenols. <i>Biomacromolecules</i> , 2014, 15, 830-836.	5.4	36
10	Functionalized nanospheres for targeted delivery of paclitaxel. <i>Journal of Controlled Release</i> , 2013, 171, 315-321.	9.9	27
11	Fire Retardancy of Polyureas. <i>Journal of Fire Sciences</i> , 2006, 24, 433-444.	2.0	15
12	Local, Controlled Delivery of Local Anesthetics In Vivo from Polymer - Xerogel Composites. <i>Pharmaceutical Research</i> , 2016, 33, 729-738.	3.5	4
13	Poly(ethylene terephthalate) nanocomposites using nanoclays modified with thermally stable surfactants. , 2011, , 100-120.		2
14	A Review of Recent Work in the Fire Retardancy of Nanocomposites. <i>ACS Symposium Series</i> , 2005, , 8-20.	0.5	2
15	High-throughput method for estimating the time to sustained ignition of polystyrene-clay nanocomposites based on thermogravimetric analysis. <i>Polymers for Advanced Technologies</i> , 2010, 21, 506-511.	3.2	2