

Abdelghani Laachachi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

768
citations

687363

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752698

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docs citations

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times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyallylamine/montmorillonite as super flame retardant coating assemblies by layer-by-layer deposition on polyamide. <i>Polymer Degradation and Stability</i> , 2013, 98, 627-634.	5.8	118
2	Diffusion of Polyphosphates into (Poly(allylamine)-montmorillonite) Multilayer Films: Flame Retardant-Intumescent Films with Improved Oxygen Barrier. <i>Langmuir</i> , 2011, 27, 13879-13887.	3.5	104
3	A chemical method to graft carbon nanotubes onto a carbon fiber. <i>Materials Letters</i> , 2008, 62, 394-397.	2.6	101
4	Experimental and multiscale modeling of thermal conductivity and elastic properties of PLA/expanded graphite polymer nanocomposites. <i>Thermochimica Acta</i> , 2013, 552, 106-113.	2.7	74
5	Intumescent coating of (polyallylamine-polyphosphates) deposited on polyamide fabrics via layer-by-layer technique. <i>Polymer Degradation and Stability</i> , 2014, 106, 158-164.	5.8	56
6	Layer-by-layer deposition of a TiO ₂ -filled intumescent coating and its effect on the flame retardancy of polyamide and polyester fabrics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 469, 1-10.	4.7	50
7	Is expanded graphite acting as flame retardant in epoxy resin?. <i>Polymer Degradation and Stability</i> , 2015, 117, 22-29.	5.8	40
8	Tentative links between thermal diffusivity and fire-retardant properties in poly(methyl methacrylate)/expanded graphite nanocomposites. <i>Polymer Degradation and Stability</i> , 2015, 117, 36-42.	3.8	36
9	A sol-gel biotemplating route with cellulose nanocrystals to design a photocatalyst for improving hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10779-10786.	10.3	32
10	Development of new approach based on Raman spectroscopy to study the dispersion of expanded graphite in poly(lactide). <i>Polymer Degradation and Stability</i> , 2011, 96, 2040-2047.	5.8	27
11	Hybrid carbon nanotube/silica/polyvinyl alcohol nanocomposites films: preparation and characterisation. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	27
12	Characterization of a plasma polymer coating from an organophosphorus silane deposited at atmospheric pressure for fire-retardant purposes. <i>Progress in Organic Coatings</i> , 2015, 88, 39-47.	3.9	24
13	Comparison of alumina and boehmite in (APP/MPP/metal oxide) ternary systems on the thermal and fire behavior of PMMA. <i>Polymers for Advanced Technologies</i> , 2012, 23, 1369-1380.	3.2	16
14	New approach for the development of reduced graphene oxide/polyaniline nanocomposites via sacrificial surfactant-stabilized reduced graphene oxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124415.	4.7	13
15	Polyelectrolyte multilayer films made from polyallylamine and short polyphosphates: Influence of the surface treatment, ionic strength and nature of the electrolyte solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 274-280.	4.7	10
16	Design of New Cardanol Derivative: Synthesis and Application as Potential Biobased Plasticizer for Poly(lactide). <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1267-1278.	3.6	10
17	Influence of the nature of the polycation on the adsorption kinetics and on exchange processes in polyelectrolyte multilayer films. <i>Journal of Colloid and Interface Science</i> , 2012, 366, 96-104.	9.4	9
18	Reactive plasticization of poly(lactide) with epoxy functionalized cardanol. <i>Polymer Engineering and Science</i> , 2018, 58, E64.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Insight into Interfacial charge transfer during photocatalytic H ₂ evolution through Fe, Ni, Cu and Au embedded in a mesoporous TiO ₂ @SiO ₂ core-shell. ChemCatChem, 0, , .	3.7	7
20	Changes in Permeability and in Mechanical Properties of Layer-by-Layer Films Made from Poly(allylamine) and Montmorillonite Postmodified upon Reaction with Dopamine. Biointerphases, 2012, 7, 59.	1.6	5
21	Interfacial charge transfer and photocatalytic activity in a reverse designed Bi ₂ O ₃ /TiO ₂ core-shell. Frontiers in Energy, 2021, 15, 732.	2.3	2