Abdelghani Laachachi

List of Publications by Year
in descending order

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21	768	687363 13	752698 20
papers	citations	h-index	g-index

21	21	21	948
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interfacial charge transfer and photocatalytic activity in a reverse designed Bi2O3/TiO2 core-shell. Frontiers in Energy, 2021, 15, 732.	2.3	2
2	New approach for the development of reduced graphene oxide/polyaniline nanocomposites via sacrificial surfactant-stabilized reduced graphene oxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 589, 124415.	4.7	13
3	A solâ€“gel biotemplating route with cellulose nanocrystals to design a photocatalyst for improving hydrogen generation. Journal of Materials Chemistry A, 2020, 8, 10779-10786.	10.3	32
4	Reactive plasticization of poly(lactide) with epoxy functionalized cardanol. Polymer Engineering and Science, 2018, 58, E64.	3.1	7
5	Design of New Cardanol Derivative: Synthesis and Application as Potential Biobased Plasticizer for Poly(lactide). Macromolecular Materials and Engineering, 2016, 301, 1267-1278.	3.6	10
6	Layer-by-layer deposition of a TiO2-filled intumescent coating and its effect on the flame retardancy of polyamide and polyester fabrics. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 469, 1-10.	4.7	50
7	Characterization of a plasma polymer coating from an organophosphorus silane deposited at atmospheric pressure for fire-retardant purposes. Progress in Organic Coatings, 2015, 88, 39-47.	3.9	24
8	Is expanded graphite acting as flame retardant in epoxy resin?. Polymer Degradation and Stability, 2015, 117, 22-29.	5.8	40
9	Hybrid carbon nanotubeâ€"silica/ polyvinyl alcohol nanocomposites films: preparation and characterisation. Journal of Polymer Research, 2014, 21, 1.	2.4	27
10	Intumescent coating of (polyallylamine-polyphosphates) deposited on polyamide fabrics via layer-by-layer technique. Polymer Degradation and Stability, 2014, 106, 158-164.	5.8	56
11	Polyallylamineâ€"montmorillonite as super flame retardant coating assemblies byÂlayer-by layer deposition on polyamide. Polymer Degradation and Stability, 2013, 98, 627-634.	5.8	118
12	Experimental and multiscale modeling of thermal conductivity and elastic properties of PLA/expanded graphite polymer nanocomposites. Thermochimica Acta, 2013, 552, 106-113.	2.7	74
13	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
14	Polyelectrolyte multilayer films made from polyallylamine and short polyphosphates: Influence of the surface treatment, ionic strength and nature of the electrolyte solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 415, 274-280.	4.7	10
15	Comparison of alumina and boehmite in (APP/MPP/metal oxide) ternary systems on the thermal and fire behavior of PMMA. Polymers for Advanced Technologies, 2012, 23, 1369-1380.	3.2	16
16	Influence of the nature of the polycation on the adsorption kinetics and on exchange processes in polyelectrolyte multilayer films. Journal of Colloid and Interface Science, 2012, 366, 96-104.	9.4	9
17	Diffusion of Polyphosphates into (Poly(allylamine)-montmorillonite) Multilayer Films: Flame Retardant-Intumescent Films with Improved Oxygen Barrier. Langmuir, 2011, 27, 13879-13887.	3.5	104
18	Development of new approach based on Raman spectroscopy to study the dispersion of expanded graphite in poly(lactide). Polymer Degradation and Stability, 2011, 96, 2040-2047.	5.8	27

#	Article	IF	Citations
19	Tentative links between thermal diffusivity and fire-retardant properties in poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	5.8	36
20	A chemical method to graft carbon nanotubes onto a carbon fiber. Materials Letters, 2008, 62, 394-397.	2.6	101
21	Insight into Interfacial charge transfer during photocatalytic H2 evolution through Fe, Ni, Cu and Au embedded in a mesoporous TiO2@SiO2 coreâ€shell. ChemCatChem, 0, , .	3.7	7