Alberto Lopez-Gil

List of Publications by Year
in descending order

16	436	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modelling of the mechanisms of heat transfer in recycled glass foams. Construction and Building Materials, 2021, 274, 122000.	7.2	10
2	Synthesis and properties of open- and closed-porous foamed glass with a low density. Construction and Building Materials, 2020, 247, 118574.	7.2	48
3	Study of the effect of different electron irradiation doses on the decomposition temperature of azodicarbonamide. Polymer Engineering and Science, 2019, 59, 791-798.	3.1	10
4	Anisotropic polypropylene cellular polymers filled with nanoclays: Microstructure and properties. Polymer Composites, 2019, 40, E526.	4.6	5
5	Analysis of the foaming mechanisms of materials based on highâ€density polyethylene (HDPE) crosslinked with different irradiation doses. Journal of Applied Polymer Science, 2018, 135, 46276.	2.6	4
6	Study of the Foaming Kinetics in Epoxidized Natural Rubber Foams Crosslinked by Electron Beam Irradiation. Macromolecular Chemistry and Physics, 2018, 219, 1800295.	2.2	11
7	Highly anisotropic crosslinked HDPE foams with a controlled anisotropy ratio: Production and characterization of the cellular structure and mechanical properties. Materials and Design, 2017, 114, 83-91.	7.0	37
8	Low Density Non-crosslinked Closed/Open Cell Polypropylene Foams with High Mechanical Properties. Frontiers in Forests and Global Change, 2016, 35, 101-118.	1.1	7
9	Extensional rheology, cellular structure, mechanical behavior relationships in HMS PP/montmorillonite foams with similar densities. Journal of Polymer Research, 2016, 23, 1.	2.4	14
10	Influence of the irradiation dose in the cellular structure of natural rubber foams cross-linked by electron beam irradiation. Industrial Crops and Products, 2016, 89, 339-349.	5.2	19
11	Mechanical and thermal performance of concrete and mortar cellular materials containing plastic waste. Construction and Building Materials, 2016, 104, 298-310.	7.2	92
12	Natural rubber foams with anisotropic cellular structures: Mechanical properties and modeling. Industrial Crops and Products, 2016, 80, 26-35.	5.2	42
13	Production of nonâ€crosslinked thermoplastic foams with a controlled density and a wide range of cellular structures. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
14	Cellular structure and mechanical properties of starch-based foamed blocks reinforced with natural fibers and produced by microwave heating. Industrial Crops and Products, 2015, 66, 194-205.	5.2	54
15	Strategies to Improve the Mechanical Properties of Starch-Based Materials: Plasticization and Natural Fibers Reinforcement. Polimeros, 2014, 24, 36-42.	0.7	35
16	Structure-property relationships of medium-density polypropylene foams. Polymer International, 2013, 62, 1324-1333.	3.1	42