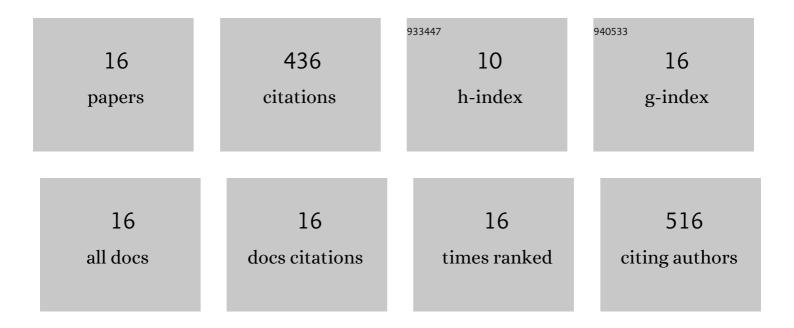
Alberto Lopez-Gil

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3615084/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Mechanical and thermal performance of concrete and mortar cellular materials containing plastic waste. Construction and Building Materials, 2016, 104, 298-310.	7.2	92
2	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
3	Synthesis and properties of open- and closed-porous foamed glass with a low density. Construction and Building Materials, 2020, 247, 118574.	7.2	48
4	Structure-property relationships of medium-density polypropylene foams. Polymer International, 2013, 62, 1324-1333.	3.1	42
5	Natural rubber foams with anisotropic cellular structures: Mechanical properties and modeling. Industrial Crops and Products, 2016, 80, 26-35.	5.2	42
6	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
7	Strategies to Improve the Mechanical Properties of Starch-Based Materials: Plasticization and Natural Fibers Reinforcement. Polimeros, 2014, 24, 36-42.	0.7	35
8	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
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	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
11	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
12	Modelling of the mechanisms of heat transfer in recycled glass foams. Construction and Building Materials, 2021, 274, 122000.	7.2	10
13	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
14	Production of non rosslinked thermoplastic foams with a controlled density and a wide range of cellular structures. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
15	Anisotropic polypropylene cellular polymers filled with nanoclays: Microstructure and properties. Polymer Composites, 2019, 40, E526.	4.6	5
16	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