

Lilian Medina

List of Publications by Year in descending order

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14
papers

662
citations

758635

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1058022

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14
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907
citing authors

#	ARTICLE	IF	CITATIONS
1	Green and Fire Resistant Nanocellulose/Hemicellulose/Clay Foams. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101111.	1.9	13
2	Bench-scale fire stability testing – Assessment of protective systems on carbon fibre reinforced polymer composites. <i>Polymer Testing</i> , 2021, 102, 107340.	2.3	4
3	Ice-templated nanocellulose porous structure enhances thermochemical storage kinetics in hydrated salt/graphite composites. <i>Renewable Energy</i> , 2020, 160, 698-706.	4.3	32
4	Lignin-Based Epoxy Resins: Unravelling the Relationship between Structure and Material Properties. <i>Biomacromolecules</i> , 2020, 21, 1920-1928.	2.6	118
5	Mild and Versatile Functionalization of Nacre-Mimetic Cellulose Nanofibrils/Clay Nanocomposites by Organocatalytic Surface Engineering. <i>ACS Omega</i> , 2020, 5, 19363-19370.	1.6	4
6	Recyclable nanocomposite foams of Poly(vinyl alcohol), clay and cellulose nanofibrils – Mechanical properties and flame retardancy. <i>Composites Science and Technology</i> , 2019, 182, 107762.	3.8	19
7	Monodisperse highly ordered chitosan/cellulose nanocomposite foams. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 125, 105516.	3.8	20
8	Nanocomposites from Clay, Cellulose Nanofibrils, and Epoxy with Improved Moisture Stability for Coatings and Semistructural Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 3117-3126.	2.4	24
9	Nanostructure and Properties of Nacre-Inspired Clay/Cellulose Nanocomposites – Synchrotron X-ray Scattering Analysis. <i>Macromolecules</i> , 2019, 52, 3131-3140.	2.2	38
10	High-Strength Nanocomposite Aerogels of Ternary Composition: Poly(vinyl alcohol), Clay, and Cellulose Nanofibrils. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6453-6461.	4.0	86
11	Free-standing PEDOT:PSS/CNT aerogels and their electrochemical performance. <i>Materials Technology</i> , 2017, 32, 622-629.	1.5	17
12	Nanostructured Wood Hybrids for Fire-Retardancy Prepared by Clay Impregnation into the Cell Wall. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36154-36163.	4.0	175
13	Mechanical performance and architecture of biocomposite honeycombs and foams from core-shell holocellulose nanofibers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 88, 116-122.	3.8	32
14	Clay nanopaper as multifunctional brick and mortar fire protection coating – Wood case study. <i>Materials and Design</i> , 2016, 93, 357-363.	3.3	80