Lilian Medina

List of Publications by Year
in descending order

14	662	758635 12	1058022 14
papers	citations	h-index	g-index

14	14	14	907
all docs	docs citations	times ranked	citing authors

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