

Chloe Chevigny

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3886086/chloe-chevigny-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

605
citations

10
h-index

13
g-index

13
ext. papers

658
ext. citations

6.3
avg, IF

3.28
L-index

#	Paper	IF	Citations
13	Cellulose nanocrystals-starch nanocomposites produced by extrusion: Structure and behavior in physiological conditions. <i>Carbohydrate Polymers</i> , 2019 , 225, 115123	10.3	17
12	Multi-scale characterization of thermoplastic starch structure using Second Harmonic Generation imaging and NMR. <i>Carbohydrate Polymers</i> , 2018 , 194, 80-88	10.3	10
11	In-Situ Quantitative and Multiscale Structural Study of Starch-Based Biomaterials Immersed in Water. <i>Biomacromolecules</i> , 2018 , 19, 838-848	6.9	7
10	Shape-memory effect in amorphous potato starch: The influence of local orders and paracrystallinity. <i>Carbohydrate Polymers</i> , 2016 , 146, 411-9	10.3	17
9	Interphase vs confinement in starch-clay bionanocomposites. <i>Carbohydrate Polymers</i> , 2015 , 117, 746-752	10.3	10
8	Crystalline Structure in Starch 2015 , 61-90		9
7	Short versus long chain polyelectrolyte multilayers: a direct comparison of self-assembly and structural properties. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 21988-98	3.6	26
6	Controlled grafted brushes of polystyrene on magnetic Fe ₂ O ₃ nanoparticles via nitroxide-mediated polymerization. <i>Soft Matter</i> , 2012 , 8, 3407	3.6	23
5	Controlled grafting of polystyrene on silica nanoparticles using NMP: a new route without free initiator to tune the grafted chain length. <i>Polymer Chemistry</i> , 2011 , 2, 567-571	4.9	21
4	Polymer-Grafted-Nanoparticles Nanocomposites: Dispersion, Grafted Chain Conformation, and Rheological Behavior. <i>Macromolecules</i> , 2011 , 44, 122-133	5.5	263
3	Tuning the mechanical properties in model nanocomposites: Influence of the polymer-filler interfacial interactions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011 , 49, 781-791	2.6	66
2	Wet-to-Dry Conformational Transition of Polymer Layers Grafted to Nanoparticles in Nanocomposite. <i>Macromolecules</i> , 2010 , 43, 4833-4837	5.5	66
1	Polystyrene grafting from silica nanoparticles via nitroxide-mediated polymerization (NMP): synthesis and SANS analysis with the contrast variation method. <i>Soft Matter</i> , 2009 , 5, 3741	3.6	70