

Bastien Seantier

List of Publications by Year in descending order

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25
papers

1,197
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1982
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocellulose-based foam morphological, mechanical and thermal properties in relation to hydrogel precursor structure and rheology. Carbohydrate Polymers, 2021, 253, 117233.	10.2	7
2	The impact of molded pulp product process on the mechanical properties of molded Bleached Chemi-Thermo-Mechanical Pulp. Functional Composite Materials, 2021, 2, .	1.4	6
3	Mechanical and Hygroscopic Properties of Molded Pulp Products Using Different Wood-Based Cellulose Fibers. Polymers, 2021, 13, 3225.	4.5	6
4	Ultra-fast heat dissipating aerogels derived from polyaniline anchored cellulose nanofibers as sustainable microwave absorbers. Carbohydrate Polymers, 2020, 246, 116663.	10.2	60
5	Robust Superhydrophobic Cellulose Nanofiber Aerogel for Multifunctional Environmental Applications. Polymers, 2019, 11, 495.	4.5	37
6	Recent advances in electrospun polycaprolactone based scaffolds for wound healing and skin bioengineering applications. Materials Today Communications, 2019, 19, 319-335.	1.9	122
7	Structure and rheology of aqueous suspensions and hydrogels of cellulose nanofibrils: Effect of volume fraction and ionic strength. Carbohydrate Polymers, 2019, 211, 315-321.	10.2	18
8	Thermal Superinsulating Materials Made from Nanofibrillated Cellulose-Stabilized Pickering Emulsions. ACS Applied Materials & Interfaces, 2018, 10, 16193-16202.	8.0	87
9	Transient pulsed technique to characterize the radiative and conductive properties of bio aerogels. International Journal of Thermal Sciences, 2017, 116, 63-72.	4.9	13
10	Mechanical and thermal insulation properties of elium acrylic resin/cellulose nanofiber based composite aerogels. Nano Structures Nano Objects, 2017, 12, 68-76.	3.5	28
11	Effect of freeze-drying parameters on the microstructure and thermal insulating properties of nanofibrillated cellulose aerogels. Journal of Sol-Gel Science and Technology, 2017, 84, 475-485.	2.4	71
12	Spray freeze-dried nanofibrillated cellulose aerogels with thermal superinsulating properties. Carbohydrate Polymers, 2017, 157, 105-113.	10.2	164
13	Vapor and Pressure Sensors Based on Cellulose Nanofibers and Carbon Nanotubes Aerogel with Thermoelectric Properties. Journal of Renewable Materials, 2017, , .	2.2	8
14	Characterization of cellulose nanowhiskers extracted from alfa fiber and the effect of their dispersion methods on nanocomposite properties. Journal of Adhesion Science and Technology, 2016, 30, 1899-1912.	2.6	14
15	Multi-scale cellulose based new bio-aerogel composites with thermal super-insulating and tunable mechanical properties. Carbohydrate Polymers, 2016, 138, 335-348.	10.2	99
16	Nano-fibrillated cellulose-zeolites based new hybrid composites aerogels with super thermal insulating properties. Industrial Crops and Products, 2015, 65, 374-382.	5.2	98
17	FAK dimerization controls its kinase-dependent functions at focal adhesions. EMBO Journal, 2014, 33, 356-370.	7.8	101
18	Characterization of Phospholipid Bilayer Formation on a Thin Film of Porous SiO ₂ by Reflective Interferometric Fourier Transform Spectroscopy (RIFTS). Langmuir, 2012, 28, 6960-6969.	3.5	26

#	ARTICLE	IF	CITATIONS
19	Transfer on hydrophobic substrates and AFM imaging of membrane proteins reconstituted in planar lipid bilayers. <i>Journal of Molecular Recognition</i> , 2011, 24, 461-466.	2.1	3
20	The gelsolin:calponin complex nucleates actin filaments with distinct morphologies. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 118-123.	2.1	2
21	Influence of Mono- And Divalent Ions on the Formation of Supported Phospholipid Bilayers via Vesicle Adsorption. <i>Langmuir</i> , 2009, 25, 5767-5772.	3.5	108
22	Calcium-Induced Formation of Subdomains in Phosphatidylethanolamine~Phosphatidylglycerol Bilayers: A Combined DSC, 31P NMR, and AFM Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4648-4655.	2.6	31
23	Temperature-dependent imaging of living cells by AFM. <i>Ultramicroscopy</i> , 2008, 108, 1174-1180.	1.9	19
24	Probing supported model and native membranes using AFM. <i>Current Opinion in Colloid and Interface Science</i> , 2008, 13, 326-337.	7.4	36
25	Influence of Nanotopography on Phospholipid Bilayer Formation on Silicon Dioxide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5175-5181.	2.6	33