

Bastien Seantier

List of Publications by Year in descending order

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Version: 2024-02-01

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	Spray freeze-dried nanofibrillated cellulose aerogels with thermal superinsulating properties. Carbohydrate Polymers, 2017, 157, 105-113.	10.2	164
2	Recent advances in electrospun polycaprolactone based scaffolds for wound healing and skin bioengineering applications. Materials Today Communications, 2019, 19, 319-335.	1.9	122
3	Influence of Mono- And Divalent Ions on the Formation of Supported Phospholipid Bilayers via Vesicle Adsorption. Langmuir, 2009, 25, 5767-5772.	3.5	108
4	FAK dimerization controls its kinase-dependent functions at focal adhesions. EMBO Journal, 2014, 33, 356-370.	7.8	101
5	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
6	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
7	Thermal Superinsulating Materials Made from Nanofibrillated Cellulose-Stabilized Pickering Emulsions. ACS Applied Materials & Interfaces, 2018, 10, 16193-16202.	8.0	87
8	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
9	Ultra-fast heat dissipating aerogels derived from polyaniline anchored cellulose nanofibers as sustainable microwave absorbers. Carbohydrate Polymers, 2020, 246, 116663.	10.2	60
10	Robust Superhydrophobic Cellulose Nanofiber Aerogel for Multifunctional Environmental Applications. Polymers, 2019, 11, 495.	4.5	37
11	Probing supported model and native membranes using AFM. Current Opinion in Colloid and Interface Science, 2008, 13, 326-337.	7.4	36
12	Influence of Nanotopography on Phospholipid Bilayer Formation on Silicon Dioxide. Journal of Physical Chemistry B, 2008, 112, 5175-5181.	2.6	33
13	Calcium-Induced Formation of Subdomains in Phosphatidylethanolamine~Phosphatidylglycerol Bilayers: A Combined DSC, 31P NMR, and AFM Study. Journal of Physical Chemistry B, 2009, 113, 4648-4655.	2.6	31
14	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
15	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
16	Temperature-dependent imaging of living cells by AFM. Ultramicroscopy, 2008, 108, 1174-1180.	1.9	19
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Vapor and Pressure Sensors Based on Cellulose Nanofibers and Carbon Nanotubes Aerogel with Thermoelectric Properties. Journal of Renewable Materials, 2017, , .	2.2	8
21	Nanocellulose-based foam morphological, mechanical and thermal properties in relation to hydrogel precursor structure and rheology. Carbohydrate Polymers, 2021, 253, 117233.	10.2	7
22	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
23	Mechanical and Hygroscopic Properties of Molded Pulp Products Using Different Wood-Based Cellulose Fibers. Polymers, 2021, 13, 3225.	4.5	6
24	Transfer on hydrophobic substrates and AFM imaging of membrane proteins reconstituted in planar lipid bilayers. Journal of Molecular Recognition, 2011, 24, 461-466.	2.1	3
25	The gelsolin:calponin complex nucleates actin filaments with distinct morphologies. Biochemical and Biophysical Research Communications, 2010, 392, 118-123.	2.1	2