Etienne Fleury

List of Publications by Year
in descending order

22 papers	1,009 citations	471061 17 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	1485 citing authors

#	Article	IF	Citations
1	Surface silylation of cellulose microfibrils: preparation and rheological properties. Polymer, 2004, 45, 1569-1575.	1.8	266
2	Modification of Polysaccharides Through Controlled/Living Radical Polymerization Graftingâ€"Towards the Generation of High Performance Hybrids. Macromolecular Rapid Communications, 2010, 31, 1751-1772.	2.0	141
3	Chemical adhesion of silicone elastomers on primed metal surfaces: A comprehensive survey of open and patent literatures. Progress in Organic Coatings, 2015, 80, 120-141.	1.9	65
4	Carboxyl-functionalized derivatives of carboxymethyl cellulose: towards advanced biomedical applications. Polymer Reviews, 2019, 59, 510-560.	5.3	65
5	Redox-stimuli responsive micelles from DOX-encapsulating polycaprolactone-g-chitosan oligosaccharide. Carbohydrate Polymers, 2014, 112, 746-752.	5.1	50
6	Solvent-Free Synthesis of Amidated Carboxymethyl Cellulose Derivatives: Effect on the Thermal Properties. Polymers, 2019, 11, 1227.	2.0	39
7	Bio-Sourced Networks from Thermal Polyaddition of a Starch-Derived Î±-Azide-Ï‰-Alkyne AB Monomer with an A₂B₂ Aliphatic Cross-linker. Macromolecules, 2010, 43, 5672-5678.	2.2	38
8	Green Nondegrading Approach to Alkyne-Functionalized Cellulose Fibers and Biohybrids Thereof: Synthesis and Mapping of the Derivatization. Biomacromolecules, 2013, 14, 254-263.	2.6	36
9	Aniline-Catalyzed Reductive Amination as a Powerful Method for the Preparation of Reducing End-â€œClickableâ€•Chitooligosaccharides. Bioconjugate Chemistry, 2013, 24, 544-549.	1.8	34
10	Microcrystalline cellulose as reinforcing agent in silicone elastomers. Carbohydrate Polymers, 2016, 151, 899-906.	5.1	34
11	Fully Biosourced Materials from Combination of Choline Chloride-Based Deep Eutectic Solvents and Guar Gum. ACS Sustainable Chemistry and Engineering, 2019, 7, 16747-16756.	3.2	34
12	Synthesis of Temperature Responsive Biohybrid Guar-Based Grafted Copolymers by Click Chemistry. Macromolecules, 2010, 43, 6843-6852.	2.2	31
13	Tuning hâ€bond capability of hydroxylatedâ€poly(2,3,4,5,6â€pentafluorostyrene) grafted copolymers prepared by chemoselective and versatile thiolâ€<i>para</i>â€fluoro â€œclickâ€typeâ€•coupling with mercaptoalcohols. Journal of Polymer Science Part A, 2012, 50, 3452-3460.	2.5	31
14	Functional galactomannan platform from convenient esterification in imidazolium-based ionic liquids. Polymer Chemistry, 2012, 3, 538-546.	1.9	24
15	Homogeneous acylation of Cellulose diacetate: Towards bioplastics with tuneable thermal and water transport properties. Carbohydrate Polymers, 2019, 206, 674-684.	5.1	24
16	Guar gum as biosourced building block to generate highly conductive and elastic ionogels with poly(ionic liquid) and ionic liquid. Carbohydrate Polymers, 2017, 157, 586-595.	5.1	23
17	Sustainable Modification of Carboxymethyl Cellulose by Passerini Three-Component Reaction and Subsequent Adsorption onto Cellulosic Substrates. ACS Sustainable Chemistry and Engineering, 2019, 7, 14685-14696.	3.2	19
18	Biohybrid cellulose fibers: Toward paper materials with wet strength properties. Carbohydrate Polymers, 2018, 193, 353-361.	5.1	17

#	Article	IF	Citations
19	Multifunctionalization of cellulose microfibrils through a cascade pathway entailing the sustainable Passerini multi-component reaction. Green Chemistry, 2020, 22, 7059-7069.	4.6	16
20	Dual guar/ionic liquid gels and biohybrid material thereof: Rheological investigation. Carbohydrate Polymers, 2014, 102, 932-940.	5.1	11
21	Imidazolium-based poly(ionic liquid)/ionic liquid solutions: Rheology, structuration and ionic transport properties. Polymer, 2021, 237, 124305.	1.8	6
22	Fluorescent Polymer-AS1411-Aptamer Probe for dSTORM Super-Resolution Imaging of Endogenous Nucleolin. Biomacromolecules, 2022, 23, 2302-2314.	2.6	5