

# CÃ©cile Bouilhac

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3304546/publications.pdf>

Version: 2024-02-01

17  
papers

294  
citations

840776

11  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conception of Stretchable Resistive Memory Devices Based on Nanostructureâ€Controlled Carbohydrateâ€Polyisoprene Block Copolymers. <i>Advanced Functional Materials</i> , 2017, 27, 1606161.	14.9	76
2	Glyco-Nanoparticles Made from Self-Assembly of Maltoheptaose- <i>block</i> -Poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 702 Td	3.4	34
3	Block copolymer micelles as nanoreactors for singleâ€site polymerization catalysts. <i>Journal of Polymer Science Part A</i> , 2009, 47, 197-209.	2.3	30
4	Photodimerization as an alternative to photocrosslinking of nanoparticles: proof of concept with amphiphilic linear polyoxazoline bearing coumarin unit. <i>Polymer Chemistry</i> , 2015, 6, 6029-6039.	3.9	25
5	Sustainable synthesis and precise characterisation of bio-based star polycaprolactone synthesised with a metal catalyst and with lipase. <i>Polymer Chemistry</i> , 2018, 9, 5594-5607.	3.9	21
6	Tunable amphiphilic graft copolymers bearing fatty chains and polyoxazoline: synthesis and self-assembly behavior in solution. <i>Polymer Chemistry</i> , 2017, 8, 4246-4263.	3.9	16
7	Synthesis of fatty phosphonic acid based polymethacrylamide by RAFT polymerization and self-assembly in solution. <i>Polymer Chemistry</i> , 2014, 5, 2756-2767.	3.9	13
8	UV-responsive amphiphilic graft copolymers based on coumarin and polyoxazoline. <i>Soft Matter</i> , 2017, 13, 4507-4519.	2.7	13
9	Polymer Micelles as Supports for the Production of Millimetric Polyethylene Beads. <i>Macromolecules</i> , 2008, 41, 7321-7329.	4.8	12
10	Light-switchable nanoparticles based on amphiphilic diblock, triblock and heterograft polyoxazoline. <i>RSC Advances</i> , 2017, 7, 42690-42698.	3.6	11
11	Extraction of palladium from alumina-supported catalyst in supercritical CO2 using functional fluorinated polymers. <i>Journal of Supercritical Fluids</i> , 2018, 138, 207-214.	3.2	11
12	Amphiphilic photo-induced triblock polyoxazoline through coumarin dimerization: Efficient synthetic tool for nanoparticles. <i>European Polymer Journal</i> , 2017, 88, 636-644.	5.4	9
13	Clean synthesis of linear and star amphiphilic poly( $\mu$ -caprolactone)- <i>block</i> -poly(ethyl ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf_50 702 Td 22, 3248-3261.	9.0	8
14	Self-assembly of phosphorous containing oligomers: morphological features and pH-sensitiveness in suspension. <i>Soft Matter</i> , 2014, 10, 7545-7557.	2.7	5
15	Novel green route towards polyesters-based resin by photopolymerization of star polymers. <i>EXPRESS Polymer Letters</i> , 2019, 13, 1104-1115.	2.1	5
16	Unidirectional Perpendicularly Aligned Lamella-Structured Oligosaccharide (A) ABA Triblock Elastomer (B) Thin Films Utilizing Triazolium <sup>+</sup> /TFSI <sup>-</sup> Ionic Nanochannels. <i>ACS Macro Letters</i> , 2022, 11, 140-148.	4.8	3
17	Synthesis and Phase Behavior of a Platform of CO2-Soluble Functional Gradient Copolymers Bearing Metal-Complexing Units. <i>Polymers</i> , 2022, 14, 2698.	4.5	2