

# Marie-Thérèse Charreyre

## List of Publications by Year in descending order

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28  
papers

1,534  
citations

471509

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501196

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docs citations

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times ranked

1524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent Polymer-AS1411-Aptamer Probe for dSTORM Super-Resolution Imaging of Endogenous Nucleolin. <i>Biomacromolecules</i> , 2022, 23, 2302-2314.	5.4	5
2	Taking Advantage of Oxidation to Characterize Thiol-Containing Polymer Chains by MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 3804-3809.	6.5	6
3	Advanced Fluorescent Polymer Probes for the Site-Specific Labeling of Proteins in Live Cells Using the HaloTag Technology. <i>ACS Omega</i> , 2019, 4, 12841-12847.	3.5	12
4	Temperature-responsive copolymers without compositional drift by RAFT copolymerization of 2-(acryloyloxy)ethyl trimethylammonium chloride and 2-(diethylamino)ethyl acrylate. <i>Polymer Chemistry</i> , 2019, 10, 2106-2116.	3.9	7
5	Innovative particle standards and long-lived imaging for 2D and 3D dSTORM. <i>Scientific Reports</i> , 2019, 9, 17967.	3.3	9
6	Labeling of native proteins with fluorescent RAFT polymer probes: application to the detection of a cell surface protein using flow cytometry. <i>Polymer Chemistry</i> , 2018, 9, 1857-1868.	3.9	15
7	Fluorescent RAFT polymers bearing a nitrilotriacetic acid (NTA) ligand at the $\hat{\pm}$ -chain-end for the site-specific labeling of histidine-tagged proteins. <i>Polymer Chemistry</i> , 2017, 8, 1611-1615.	3.9	16
8	Two-Photon Photosensitizer-Polymer Conjugates for Combined Cancer Cell Death Induction and Two-Photon Fluorescence Imaging: Structure/Photodynamic Therapy Efficiency Relationship. <i>Biomacromolecules</i> , 2017, 18, 4022-4033.	5.4	15
9	<sup>1</sup> H DOSY NMR Determination of the Molecular Weight and the Solution Properties of Poly( <i>N</i> -acryloylmorpholine) in Various Solvents. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2286-2293.	2.2	22
10	Virus Optical Imaging: Far-Red Fluorescent Lipid-Polymer Probes for an Efficient Labeling of Enveloped Viruses ( <i>Adv. Healthcare Mater.</i> 16/2016). <i>Advanced Healthcare Materials</i> , 2016, 5, 2031-2031.	7.6	1
11	Fluorescent gold nanoparticles with chain-end grafted RAFT copolymers: influence of the polymer molecular weight and type of chromophore. <i>Polymer Chemistry</i> , 2016, 7, 6812-6825.	3.9	8
12	Far-Red Fluorescent Lipid-Polymer Probes for an Efficient Labeling of Enveloped Viruses. <i>Advanced Healthcare Materials</i> , 2016, 5, 2032-2044.	7.6	7
13	Biocompatible photoresistant far-red emitting, fluorescent polymer probes, with near-infrared two-photon absorption, for living cell and zebrafish embryo imaging. <i>Biomaterials</i> , 2015, 46, 70-81.	11.4	25
14	Synthesis of multifunctional lipid-polymer conjugates: application to the elaboration of bright far-red fluorescent lipid probes. <i>RSC Advances</i> , 2014, 4, 15569-15578.	3.6	20
15	Biocompatible well-defined chromophore-polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , 2013, 4, 61-67.	3.9	38
16	Biotin-end-functionalized highly fluorescent water-soluble polymers. <i>Polymer Chemistry</i> , 2013, 4, 2968.	3.9	38
17	Water-soluble chromophores with star-shaped oligomeric arms: synthesis, spectroscopic studies and first results in bio-imaging and cell death induction. <i>New Journal of Chemistry</i> , 2012, 36, 2328.	2.8	22
18	Dye-labelled polymer chains at specific sites: Synthesis by living/controlled polymerization. <i>Progress in Polymer Science</i> , 2011, 36, 568-602.	24.7	113

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19	Synthesis of Lipid-End-Functionalized Chains by RAFT Polymerization. Stabilization of Lipid/Polymer Particle Assemblies. <i>Macromolecules</i> , 2008, 41, 8346-8353.	4.8	36
20	Versatile Precursors of Functional RAFT Agents. Application to the Synthesis of Bio-Related End-Functionalized Polymers. <i>Journal of the American Chemical Society</i> , 2006, 128, 2546-2547.	13.7	160
21	Experimental Requirements for an Efficient Control of Free-Radical Polymerizations via the Reversible Addition-Fragmentation Chain Transfer (RAFT) Process. <i>Macromolecular Rapid Communications</i> , 2006, 27, 653-692.	3.9	425
22	A detailed kinetic study of the RAFT polymerization of a bi-substituted acrylamide derivative: influence of experimental parameters. <i>Polymer</i> , 2004, 45, 8661-8674.	3.8	67
23	Synthesis of N-acryloxysuccinimide copolymers by RAFT polymerization, as reactive building blocks with full control of composition and molecular weights. <i>Polymer</i> , 2004, 45, 7821-7830.	3.8	106
24	Well-defined polymer precursors synthesized by RAFT polymerization of N,N-dimethylacrylamide/N-acryloxysuccinimide: random and block copolymers. <i>Polymer</i> , 2004, 45, 8639-8649.	3.8	77
25	MALDI-TOF MS Investigation of the RAFT Polymerization of a Water-Soluble Acrylamide Derivative. <i>Macromolecules</i> , 2004, 37, 2026-2034.	4.8	104
26	Study of the RAFT Polymerization of a Water-Soluble Bisubstituted Acrylamide Derivative. 1. Influence of the Dithioester Structure. <i>Macromolecules</i> , 2002, 35, 8271-8280.	4.8	110
27	Side-Product of N-Acryloyloxysuccinimide Synthesis or Useful New Bifunctional Monomer?. <i>Macromolecular Bioscience</i> , 2001, 1, 322-328.	4.1	19
28	Kinetic Study of Free-Radical Solution Copolymerization of N-Acryloylmorpholine with an Activated Ester-Type Monomer, N-Acryloxysuccinimide. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1689-1699.	2.2	51