

Thibaut Soulestin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Vinylidene fluoride- and trifluoroethylene-containing fluorinated electroactive copolymers. How does chemistry impact properties?. <i>Progress in Polymer Science</i> , 2017, 72, 16-60.	24.7	156
2	Importance of Microstructure Control for Designing New Electroactive Terpolymers Based on Vinylidene Fluoride and Trifluoroethylene. <i>Macromolecules</i> , 2015, 48, 7861-7871.	4.8	45
3	A Journey into the Microstructure of PVDF Made by RAFT. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2275-2285.	2.2	40
4	Can Relaxor Ferroelectric Behavior Be Realized for Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (fluoride-<i>co</i>-chloro) Units in PVDF Crystals?. <i>Macromolecules</i> , 2018, 51, 5460-5472.	4.8	38
5	Stretching-Induced Relaxor Ferroelectric Behavior in a Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (fluoride-<i>co</i>-chloro) Macromolecules, 2017, 50, 7646-7656.	4.8	30
6	Towards new strategies for the synthesis of functional vinylidene fluoride-based copolymers with tunable wettability. <i>Polymer Chemistry</i> , 2016, 7, 4004-4015.	3.9	25
7	Ferroelectric fluorinated copolymers with improved adhesion properties. <i>Polymer Chemistry</i> , 2017, 8, 1017-1027.	3.9	23
8	Enhanced Electrocaloric Response of Vinylidene Fluoride-Based Polymers via One-Step Molecular Engineering. <i>Advanced Functional Materials</i> , 2021, 31, .	14.9	21
9	Influence of <i>trans</i>-1,3,3,3-Tetrafluoropropene on the Structure-Properties Relationship of VDF- and TrFE-Based Terpolymers. <i>Macromolecules</i> , 2017, 50, 503-514.	4.8	20
10	Semicrystalline Organization of VDF- and TrFE-Based Electroactive Terpolymers: Impact of the <i>trans</i>-1,3,3,3-Tetrafluoropropene Termonomer. <i>Macromolecules</i> , 2017, 50, 3313-3322.	4.8	16
11	Electrostriction-enhanced giant piezoelectricity via relaxor-like secondary crystals in extended-chain ferroelectric polymers. <i>Matter</i> , 2021, 4, 3696-3709.	10.0	16
12	High and Temperature-Independent Dielectric Constant Dielectrics from PVDF-Based Terpolymer and Copolymer Blends. <i>Advanced Electronic Materials</i> , 2020, 6, 1901250.	5.1	15
13	Differences in electroactive terpolymers based on VDF, TrFE and 2,3,3,3-tetrafluoropropene prepared by batch solution and semi-continuous aqueous suspension polymerizations. <i>Polymer Chemistry</i> , 2017, 8, 735-747.	3.9	14
14	Photopatternable High-k Fluoropolymer Dielectrics Bearing Pendent Azido Groups. <i>Macromolecules</i> , 2019, 52, 5769-5776.	4.8	11
15	Introducing Functionality to Fluorinated Electroactive Polymers. <i>Macromolecules</i> , 2019, 52, 8503-8513.	4.8	5