Thibaut Soulestin

List of Publications by Year
in descending order

15 papers	475 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	483 citing authors

#	Article	IF	Citations
1	Enhanced Electrocaloric Response of Vinylidene Fluorideâ€“Based Polymers via Oneâ€Step Molecular Engineering. Advanced Functional Materials, 2021, 31, .	14.9	21
2	Electrostriction-enhanced giant piezoelectricity via relaxor-like secondary crystals in extended-chain ferroelectric polymers. Matter, 2021, 4, 3696-3709.	10.0	16
3	High and Temperatureâ€Independent Dielectric Constant Dielectrics from PVDFâ€Based Terpolymer and Copolymer Blends. Advanced Electronic Materials, 2020, 6, 1901250.	5.1	15
4	Photopatternable High-k Fluoropolymer Dielectrics Bearing Pendent Azido Groups. Macromolecules, 2019, 52, 5769-5776.	4.8	11
5	Introducing Functionality to Fluorinated Electroactive Polymers. Macromolecules, 2019, 52, 8503-8513.	4.8	5
6	Can Relaxor Ferroelectric Behavior Be Realized for Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (fluoride-co-chlor Units in PVDF Crystals?. Macromolecules, 2018, 51, 5460-5472.	4.8	38
7	Differences in electroactive terpolymers based on VDF, TrFE and 2,3,3,3-tetrafluoropropene prepared by batch solution and semi-continuous aqueous suspension polymerizations. Polymer Chemistry, 2017, 8, 735-747.	3.9	14
8	Semicrystalline Organization of VDF- and TrFE-Based Electroactive Terpolymers: Impact of the trans-1,3,3,3-Tetrafluoropropene Termonomer. Macromolecules, 2017, 50, 3313-3322.	4.8	16
9	Vinylidene fluoride- and trifluoroethylene-containing fluorinated electroactive copolymers. How does chemistry impact properties?. Progress in Polymer Science, 2017, 72, 16-60.	24.7	156
10	Ferroelectric fluorinated copolymers with improved adhesion properties. Polymer Chemistry, 2017, 8, 1017-1027.	3.9	23
11	Influence of trans-1,3,3,3-Tetrafluoropropene on the Structureâ€“Properties Relationship of VDF- and TrFE-Based Terpolymers. Macromolecules, 2017, 50, 503-514.	4.8	20
12	Stretching-Induced Relaxor Ferroelectric Behavior in a Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (fluoride-co-t Macromolecules, 2017, 50, 7646-7656.	4.8	30
13	A Journey into the Microstructure of PVDF Made by RAFT. Macromolecular Chemistry and Physics, 2016, 217, 2275-2285.	2.2	40
14	Towards new strategies for the synthesis of functional vinylidene fluoride-based copolymers with tunable wettability. Polymer Chemistry, 2016, 7, 4004-4015.	3.9	25
15	Importance of Microstructure Control for Designing New Electroactive Terpolymers Based on Vinylidene Fluoride and Trifluoroethylene. Macromolecules, 2015, 48, 7861-7871.	4.8	45