Marc Guerre

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7856277/publications.pdf

Version: 2024-02-01

36 papers	1,874 citations	279701 23 h-index	345118 36 g-index
36 all docs	36 docs citations	36 times ranked	1169 citing authors

#	Article	IF	Citations
1	Internal catalysis on the opposite side of the fence in non-isocyanate polyurethane covalent adaptable networks. European Polymer Journal, 2022, 168, 111100.	2.6	18
2	Grafting from Fluoropolymers Using ATRP: What is Missing?. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	6
3	NMR investigations of polytrifluoroethylene (PTrFE) synthesized by RAFT. Polymer Chemistry, 2021, 12, 2293-2304.	1.9	5
4	RAFT polymerisation of trifluoroethylene: the importance of understanding reverse additions. Polymer Chemistry, 2021, 12, 2271-2281.	1.9	5
5	Solution self-assembly of fluorinated polymers, an overview. Polymer Chemistry, 2021, 12, 3852-3877.	1.9	23
6	Covalent Adaptable Networks Using Î²-Amino Esters as Thermally Reversible Building Blocks. Journal of the American Chemical Society, 2021, 143, 9140-9150.	6.6	70
7	Polyaddition Synthesis Using Alkyne Esters for the Design of Vinylogous Urethane Vitrimers. Macromolecules, 2021, 54, 7931-7942.	2.2	29
8	Surface Modification of (Non)â€Fluorinated Vitrimers through Dynamic Transamination. Macromolecular Rapid Communications, 2021, 42, e2000644.	2.0	13
9	Azo-Derived Symmetrical Trithiocarbonate for Unprecedented RAFT Control. Journal of the American Chemical Society, 2021, 143, 20585-20590.	6.6	2
10	Fast processing of highly crosslinked, low-viscosity vitrimers. Materials Horizons, 2020, 7, 104-110.	6.4	152
11	â€œOne-potâ€•aminolysis/thia-Michael addition preparation of well-defined amphiphilic PVDF-b-PEG-b-PVDF triblock copolymers: self-assembly behaviour in mixed solvents. Polymer Chemistry, 2020, 11, 401-410.	1.9	16
12	Covalent Adaptable Networks with Tunable Exchange Rates Based on Reversible Thiolâ€“yne Crossâ€Linking. Angewandte Chemie - International Edition, 2020, 59, 3609-3617.	7.2	118
13	Covalent Adaptable Networks with Tunable Exchange Rates Based on Reversible Thiolâ€“yne Crossâ€Linking. Angewandte Chemie, 2020, 132, 3637-3646.	1.6	19
14	Influence of the polymer matrix on the viscoelastic behaviour of vitrimers. Polymer Chemistry, 2020, 11, 5377-5385.	1.9	73
15	Dynamic Curing Agents for Amine-Hardened Epoxy Vitrimers with Short (Re)processing Times. Macromolecules, 2020, 53, 2485-2495.	2.2	92
16	Vitrimers: directing chemical reactivity to control material properties. Chemical Science, 2020, 11, 4855-4870.	3.7	312
17	Filler reinforced polydimethylsiloxane-based vitrimers. Polymer, 2019, 172, 239-246.	1.8	59
18	Ï€â€Stacking Interactions of Grapheneâ€Coated Cobalt Magnetic Nanoparticles with Pyreneâ€Tagged Dendritic Poly(Vinylidene Fluoride). ChemPlusChem, 2019, 84, 78-84.	1.3	12

#	Article	IF	Citations
19	Near-Model Amphiphilic Polymer Conetworks Based on Four-Arm Stars of Poly(vinylidene fluoride) and Poly(ethylene glycol): Synthesis and Characterization. Macromolecules, 2018, 51, 2476-2488.	2.2	57
20	Synthesis of PEVE-b-P(CTFE-alt-EVE) block copolymers by sequential cationic and radical RAFT polymerization. Polymer Chemistry, 2018, 9, 352-361.	1.9	37
21	Fluorinated Vitrimer Elastomers with a Dual Temperature Response. Journal of the American Chemical Society, 2018, 140, 13272-13284.	6.6	181
22	Thermal and photo-RAFT polymerization of 2,2,2-trifluoroethyl Î±-fluoroacrylate. Polymer Chemistry, 2018, 9, 3388-3397.	1.9	11
23	Syntheses of 2-(trifluoromethyl)acrylate-containing block copolymers via RAFT polymerization using a universal chain transfer agent. Polymer Chemistry, 2018, 9, 3511-3521.	1.9	10
24	Polymerization-induced self-assembly of PVAc-b-PVDF block copolymers via RAFT dispersion polymerization of vinylidene fluoride in dimethyl carbonate. Polymer Chemistry, 2017, 8, 1477-1487.	1.9	47
25	An amphiphilic poly(vinylidene fluoride)-b-poly(vinyl alcohol) block copolymer: synthesis and self-assembly in water. Polymer Chemistry, 2017, 8, 1125-1128.	1.9	40
26	Self-assembly of poly(vinylidene fluoride)-block-poly(2-(dimethylamino)ethylmethacrylate) block copolymers prepared by CuAAC click coupling. Polymer Chemistry, 2017, 8, 5203-5211.	1.9	29
27	Photocrosslinked PVDF-based star polymer coatings: an all-in-one alternative to PVDF/PMMA blends for outdoor applications. Polymer Chemistry, 2017, 8, 3045-3049.	1.9	26
28	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)-block-poly(vinylidene fluoride) Block Copolymers. ACS Macro Letters, 2017, 6, 393-398.	2.3	67
29	A Journey into the Microstructure of PVDF Made by RAFT. Macromolecular Chemistry and Physics, 2016, 217, 2275-2285.	1.1	40
30	Well-defined poly(vinylidene fluoride) (PVDF) based-dendrimers synthesized by click chemistry: enhanced crystallinity of PVDF and increased hydrophobicity of PVDF films. Polymer Chemistry, 2016, 7, 5625-5629.	1.9	24
31	Limits of Vinylidene Fluoride RAFT Polymerization. Macromolecules, 2016, 49, 5386-5396.	2.2	74
32	RAFT synthesis of well-defined PVDF-b-PVAc block copolymers. Polymer Chemistry, 2016, 7, 6918-6933.	1.9	51
33	One-pot synthesis of poly(vinylidene fluoride) methacrylate macromonomers via thia-Michael addition. Polymer Chemistry, 2016, 7, 441-450.	1.9	31
34	An amphiphilic PEG-b-PFPE-b-PEG triblock copolymer: synthesis by CuAAC click chemistry and self-assembly in water. Polymer Chemistry, 2016, 7, 402-409.	1.9	27
35	Growth of high quality single crystals of strontium doped (Nd,Pr)-nickelates, Nd_{2â^'x}Sr_xNiO_{4+Î´}and Pr_{2â^'x}Sr_xNiO_{4+Î´}. CrystEngComm, 2015, 17, 6278-6285.	1.3	18
36	Deeper Insight into the MADIX Polymerization of Vinylidene Fluoride. Macromolecules, 2015, 48, 7810-7822.	2.2	80