

# 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	Vitrimers: directing chemical reactivity to control material properties. <i>Chemical Science</i> , 2020, 11, 4855-4870.	3.7	312
2	Fluorinated Vitriimer Elastomers with a Dual Temperature Response. <i>Journal of the American Chemical Society</i> , 2018, 140, 13272-13284.	6.6	181
3	Fast processing of highly crosslinked, low-viscosity vitrimers. <i>Materials Horizons</i> , 2020, 7, 104-110.	6.4	152
4	Covalent Adaptable Networks with Tunable Exchange Rates Based on Reversible Thiol-ene Crosslinking. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3609-3617.	7.2	118
5	Dynamic Curing Agents for Amine-Hardened Epoxy Vitrimers with Short (Re)processing Times. <i>Macromolecules</i> , 2020, 53, 2485-2495.	2.2	92
6	Deeper Insight into the MADIX Polymerization of Vinylidene Fluoride. <i>Macromolecules</i> , 2015, 48, 7810-7822.	2.2	80
7	Limits of Vinylidene Fluoride RAFT Polymerization. <i>Macromolecules</i> , 2016, 49, 5386-5396.	2.2	74
8	Influence of the polymer matrix on the viscoelastic behaviour of vitrimers. <i>Polymer Chemistry</i> , 2020, 11, 5377-5385.	1.9	73
9	Covalent Adaptable Networks Using $\beta$ -Amino Esters as Thermally Reversible Building Blocks. <i>Journal of the American Chemical Society</i> , 2021, 143, 9140-9150.	6.6	70
10	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)- <i>b</i> -poly(vinylidene fluoride) Block Copolymers. <i>ACS Macro Letters</i> , 2017, 6, 393-398.	2.3	67
11	Filler reinforced polydimethylsiloxane-based vitrimers. <i>Polymer</i> , 2019, 172, 239-246.	1.8	59
12	Near-Model Amphiphilic Polymer Conetworks Based on Four-Arm Stars of Poly(vinylidene fluoride) and Poly(ethylene glycol): Synthesis and Characterization. <i>Macromolecules</i> , 2018, 51, 2476-2488.	2.2	57
13	RAFT synthesis of well-defined PVDF- <i>b</i> -PVAc block copolymers. <i>Polymer Chemistry</i> , 2016, 7, 6918-6933.	1.9	51
14	Polymerization-induced self-assembly of PVAc- <i>b</i> -PVDF block copolymers via RAFT dispersion polymerization of vinylidene fluoride in dimethyl carbonate. <i>Polymer Chemistry</i> , 2017, 8, 1477-1487.	1.9	47
15	A Journey into the Microstructure of PVDF Made by RAFT. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2275-2285.	1.1	40
16	An amphiphilic poly(vinylidene fluoride)- <i>b</i> -poly(vinyl alcohol) block copolymer: synthesis and self-assembly in water. <i>Polymer Chemistry</i> , 2017, 8, 1125-1128.	1.9	40
17	Synthesis of PEVE- <i>b</i> -P(CTFE- <i>alt</i> -EVE) block copolymers by sequential cationic and radical RAFT polymerization. <i>Polymer Chemistry</i> , 2018, 9, 352-361.	1.9	37
18	One-pot synthesis of poly(vinylidene fluoride) methacrylate macromonomers via thia-Michael addition. <i>Polymer Chemistry</i> , 2016, 7, 441-450.	1.9	31

#	ARTICLE	IF	CITATIONS
19	Self-assembly of poly(vinylidene fluoride)-block-poly(2-(dimethylamino)ethylmethacrylate) block copolymers prepared by CuAAC click coupling. <i>Polymer Chemistry</i> , 2017, 8, 5203-5211.	1.9	29
20	Polyaddition Synthesis Using Alkyne Esters for the Design of Vinylogous Urethane Vitrimers. <i>Macromolecules</i> , 2021, 54, 7931-7942.	2.2	29
21	An amphiphilic PEG-b-PFPE-b-PEG triblock copolymer: synthesis by CuAAC click chemistry and self-assembly in water. <i>Polymer Chemistry</i> , 2016, 7, 402-409.	1.9	27
22	Photocrosslinked PVDF-based star polymer coatings: an all-in-one alternative to PVDF/PMMA blends for outdoor applications. <i>Polymer Chemistry</i> , 2017, 8, 3045-3049.	1.9	26
23	Well-defined poly(vinylidene fluoride) (PVDF) based-dendrimers synthesized by click chemistry: enhanced crystallinity of PVDF and increased hydrophobicity of PVDF films. <i>Polymer Chemistry</i> , 2016, 7, 5625-5629.	1.9	24
24	Solution self-assembly of fluorinated polymers, an overview. <i>Polymer Chemistry</i> , 2021, 12, 3852-3877.	1.9	23
25	Covalent Adaptable Networks with Tunable Exchange Rates Based on Reversible Thiol-alkyne Cross-linking. <i>Angewandte Chemie</i> , 2020, 132, 3637-3646.	1.6	19
26	Growth of high quality single crystals of strontium doped (Nd,Pr)-nickelates, $\text{Nd}_{2-x}\text{Sr}_x\text{NiO}_{4+\delta}$ and $\text{Pr}_{2-x}\text{Sr}_x\text{NiO}_{4+\delta}$ . <i>CrystEngComm</i> , 2015, 17, 6278-6285.	1.3	18
27	Internal catalysis on the opposite side of the fence in non-isocyanate polyurethane covalent adaptable networks. <i>European Polymer Journal</i> , 2022, 168, 111100.	2.6	18
28	One-pot aminolysis/thia-Michael addition preparation of well-defined amphiphilic PVDF- <i>b</i> -PEG- <i>b</i> -PVDF triblock copolymers: self-assembly behaviour in mixed solvents. <i>Polymer Chemistry</i> , 2020, 11, 401-410.	1.9	16
29	Surface Modification of (Non)fluorinated Vitrimers through Dynamic Transamination. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000644.	2.0	13
30	Stacking Interactions of Graphene-Coated Cobalt Magnetic Nanoparticles with Pyrene-Tagged Dendritic Poly(Vinylidene Fluoride). <i>ChemPlusChem</i> , 2019, 84, 78-84.	1.3	12
31	Thermal and photo-RAFT polymerization of 2,2,2-trifluoroethyl $\hat{\pm}$ -fluoroacrylate. <i>Polymer Chemistry</i> , 2018, 9, 3388-3397.	1.9	11
32	Syntheses of 2-(trifluoromethyl)acrylate-containing block copolymers via RAFT polymerization using a universal chain transfer agent. <i>Polymer Chemistry</i> , 2018, 9, 3511-3521.	1.9	10
33	Grafting from Fluoropolymers Using ATRP: What is Missing?. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	1.0	6
34	NMR investigations of polytrifluoroethylene (PTrFE) synthesized by RAFT. <i>Polymer Chemistry</i> , 2021, 12, 2293-2304.	1.9	5
35	RAFT polymerisation of trifluoroethylene: the importance of understanding reverse additions. <i>Polymer Chemistry</i> , 2021, 12, 2271-2281.	1.9	5
36	Azo-Derived Symmetrical Trithiocarbonate for Unprecedented RAFT Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 20585-20590.	6.6	2