Elisa Guazzelli

List of Publications by Year
in descending order

20	287	840776 11	940533 16
papers	citations	h-index	g-index

20	20	20	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amphiphilic pentablock copolymers and their blends with PDMS for antibiofouling coatings. Journal of Polymer Science Part A, 2015, 53, 1213-1225.	2.3	42
2	Amphiphilic hydrolyzable polydimethylsiloxane-b-poly(ethyleneglycol methacrylate-co-trialkylsilyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Polymer, 2020, 186, 121954.	3.8	23
3	New amphiphilic copolymers for PDMS-based nanocomposite films with long-term marine antifouling performance. Journal of Materials Chemistry B, 2020, 8, 9764-9776.	5.8	21
4	Dispersity within Brushes Plays a Major Role in Determining Their Interfacial Properties: The Case of Oligoxazoline-Based Graft Polymers. Journal of the American Chemical Society, 2021, 143, 19067-19077.	13.7	21
5	Single-chain self-folding in an amphiphilic copolymer: An integrated experimental and computational study. Polymer, 2019, 161, 33-40.	3.8	20
6	Amphiphilic hydrolyzable polydimethylsiloxane-b-poly(ethyleneglycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (methacrylate Antifouling laboratory tests and field trials. Biofouling, 2020, 36, 378-388.	2.2	20
7	The selfâ€assembly over nanoâ€to submicroâ€length scales in water of a fluorescent julolidineâ€labeled amphiphilic random terpolymer. Journal of Polymer Science Part A, 2018, 56, 797-804.	2.3	16
8	The Temperatureâ€Responsive Nanoassemblies of Amphiphilic Random Copolymers Carrying Poly(siloxane) and Poly(oxyethylene) Pendant Chains. Macromolecular Chemistry and Physics, 2018, 219, 1800082.	2.2	12
9	Molecular Dynamics of Amphiphilic Random Copolymers in the Bulk: A 1 H and 19 F NMR Relaxometry Study. Macromolecular Chemistry and Physics, 2019, 220, 1900177.	2.2	12
10	Surface Segregation of Amphiphilic PDMS-Based Films Containing Terpolymers with Siloxane, Fluorinated and Ethoxylated Side Chains. Coatings, 2019, 9, 153.	2.6	12
11	The Effect of Poly(ethylene glycol) (PEG) Length on the Wettability and Surface Chemistry of PEG-Fluoroalkyl-Modified Polystyrene Diblock Copolymers and Their Two-Layer Films with Elastomer Matrix. Polymers, 2020, 12, 1236.	4.5	12
12	Prolate and Temperatureâ€Responsive Selfâ€Assemblies of Amphiphilic Random Copolymers with Perfluoroalkyl and Polyoxyethylene Side Chains in Solution. Macromolecular Chemistry and Physics, 2018, 219, 1800210.	2.2	11
13	Amphiphilic Polyphosphonate Copolymers as New Additives for PDMS-Based Antifouling Coatings. Polymers, 2021, 13, 3414.	4.5	11
14	Polyethylene microplastics reduce filtration and respiration rates in the Mediterranean sponge Petrosia ficiformis. Environmental Research, 2022, 211, 113094.	7.5	10
15	Fluorinated vs. Zwitterionic-Polymer Grafted Surfaces for Adhesion Prevention of the Fungal Pathogen Candida albicans. Polymers, 2020, 12, 398.	4.5	9
16	Investigation of the LCST-Thermoresponsive Behavior of Novel Oligo(Ethylene Glycol)-Modified Pentafluorostyrene Homopolymers. Applied Sciences (Switzerland), 2021, 11, 2711.	2.5	9
17	Single-chain folding and self-assembling of amphiphilic polyethyleneglycol-modified fluorinated styrene homopolymers in water solution. Polymer, 2021, 231, 124107.	3.8	9
18	Understanding the Temperatureâ€Responsive Selfâ€Assemblies of Amphiphilic Random Copolymers by SANS in D 2 O Solution. Macromolecular Chemistry and Physics, 2021, 222, 2000447.	2.2	6

#	Article	IF	Citations
19	Self-Assembled Amphiphilic Fluorinated Random Copolymers for the Encapsulation and Release of the Hydrophobic Combretastatin A-4 Drug. Polymers, 2022, 14, 774.	4.5	6
20	Effect of Network Topology on the Protein Adsorption Behavior of Hydrophilic Polymeric Coatings. ACS Applied Polymer Materials, 2022, 4, 129-140.	4.4	5