Alessandro Ianiro

List of Publications by Year
in descending order

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28 papers	567 citations	840776 11 h-index	642732 23 g-index
29 all docs	29 docs citations	29 times ranked	1022 citing authors

#	Article	IF	Citations
1	Liquidâ€“liquid phase separation during amphiphilic self-assembly. Nature Chemistry, 2019, 11, 320-328.	13.6	185
2	Crystallization by particle attachment is a colloidal assembly process. Nature Materials, 2020, 19, 391-396.	27.5	78
3	A Single Thermoresponsive Diblock Copolymer Can Form Spheres, Worms or Vesicles in Aqueous Solution. Angewandte Chemie - International Edition, 2019, 58, 18964-18970.	13.8	74
4	Customizing Properties of Î²-Chitin in Squid Pen (Gladius) by Chemical Treatments. Marine Drugs, 2014, 12, 5979-5992.	4.6	31
5	A roadmap for poly(ethylene oxide)â€blockâ€polyâ€Îµâ€caprolactone selfâ€assembly in water: Prediction, synthesis, and characterization. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 330-339.	2.1	24
6	Powering Electronic Devices from Salt Gradients in AAâ€Batteryâ€Sized Stacks of Hydrogelâ€Infused Paper. Advanced Materials, 2021, 33, e2101757.	21.0	23
7	Controlling the Spatial Distribution of Solubilized Compounds within Copolymer Micelles. Langmuir, 2019, 35, 4776-4786.	3.5	20
8	A Single Thermoresponsive Diblock Copolymer Can Form Spheres, Worms or Vesicles in Aqueous Solution. Angewandte Chemie, 2019, 131, 19140-19146.	2.0	19
9	Photocatalytic activity of exfoliated graphiteâ€“TiO₂ nanoparticle composites. Nanoscale, 2019, 11, 19301-19314.	5.6	18
10	Nonionic Block Copolymer Coacervates. Macromolecules, 2020, 53, 6078-6086.	4.8	16
11	Architecture-Dependent Interplay between Self-Assembly and Crystallization in Discrete Block Co-Oligomers. ACS Macro Letters, 2020, 9, 38-42.	4.8	11
12	Oneâ€pot, solventâ€free, metalâ€free synthesis and UCSTâ€based purification of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.3	8
13	On the Colloidal Stability of Spherical Copolymeric Micelles. ACS Omega, 2018, 3, 17976-17985.	3.5	8
14	Designing stable, hierarchical peptide fibers from block co-polypeptide sequences. Chemical Science, 2019, 10, 9001-9008.	7.4	8
15	(Homo)polymer-mediated colloidal stability of micellar solutions. Soft Matter, 2020, 16, 1560-1571.	2.7	7
16	Morphological changes of calcite single crystals induced by grapheneâ€“biomolecule adducts. Journal of Crystal Growth, 2017, 457, 356-361.	1.5	6
17	Dual responsive PMEEECLâ€“PAE block copolymers: a computational self-assembly and doxorubicin uptake study. RSC Advances, 2020, 10, 3233-3245.	3.6	6
18	Kinetic state diagrams for a highly asymmetric block copolymer assembled in solution. Soft Matter, 2021, 17, 1084-1090.	2.7	5

#	Article	IF	Citations
19	Doxorubicin-Loaded Squid Pen Plaster: A Natural Drug Delivery System for Cancer Cells. ACS Applied Bio Materials, 2020, 3, 1514-1519.	4.6	4
20	The Green Lean Amine Machine: Harvesting Electric Power While Capturing Carbon Dioxide from Breath. Advanced Science, 2021, 8, e2100995.	11.2	4
21	Solvent Selectivity Governs the Emergence of Temperature Responsiveness in Block Copolymer Self-Assembly. Macromolecules, 2021, 54, 2912-2920.	4.8	3
22	Design principles for metamorphic block copolymer assemblies. Soft Matter, 2020, 16, 2342-2349.	2.7	3
23	Studying Polymer Self-Assembly by Combined Cryogenic and Liquid Phase Transmission Electron Microscopy. Microscopy and Microanalysis, 2016, 22, 14-15.	0.4	2
24	Block copolymer hierarchical structures from the interplay of multiple assembly pathways. Polymer Chemistry, 2020, 11, 2305-2311.	3.9	2
25	Liquid Phase Electron Microscopy of Soft Matter. Microscopy and Microanalysis, 2018, 24, 248-249.	0.4	1
26	In-Situ Liquid Phase Electron Microscopy of Beam-Sensitive Materials. Microscopy and Microanalysis, 2019, 25, 63-64.	0.4	1
27	Comment: Non-classical nucleation towards separation and recycling science: Iron and aluminium (Oxy)(hydr)oxides. Current Opinion in Colloid and Interface Science, 2020, 46, 128-129.	7.4	0
28	Metallosupramolecular polymers as precursors for platinum nanocomposites. Polymer Chemistry, 2022, 13, 1880-1890.	3.9	0