

Alessandro Ianiro

List of Publications by Year in descending order

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papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-liquid phase separation during amphiphilic self-assembly. <i>Nature Chemistry</i> , 2019, 11, 320-328.	6.6	185
2	Crystallization by particle attachment is a colloidal assembly process. <i>Nature Materials</i> , 2020, 19, 391-396.	13.3	78
3	A Single Thermoresponsive Diblock Copolymer Can Form Spheres, Worms or Vesicles in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18964-18970.	7.2	74
4	Customizing Properties of β -Chitin in Squid Pen (<i>Gladius</i>) by Chemical Treatments. <i>Marine Drugs</i> , 2014, 12, 5979-5992.	2.2	31
5	A roadmap for poly(ethylene oxide)- <i>block</i> - <i>poly</i> - ϵ -caprolactone self-assembly in water: Prediction, synthesis, and characterization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 330-339.	2.4	24
6	Powering Electronic Devices from Salt Gradients in AA-Battery-Sized Stacks of Hydrogel-Infused Paper. <i>Advanced Materials</i> , 2021, 33, e2101757.	11.1	23
7	Controlling the Spatial Distribution of Solubilized Compounds within Copolymer Micelles. <i>Langmuir</i> , 2019, 35, 4776-4786.	1.6	20
8	A Single Thermoresponsive Diblock Copolymer Can Form Spheres, Worms or Vesicles in Aqueous Solution. <i>Angewandte Chemie</i> , 2019, 131, 19140-19146.	1.6	19
9	Photocatalytic activity of exfoliated graphite-TiO ₂ nanoparticle composites. <i>Nanoscale</i> , 2019, 11, 19301-19314.	2.8	18
10	Nonionic Block Copolymer Coacervates. <i>Macromolecules</i> , 2020, 53, 6078-6086.	2.2	16
11	Architecture-Dependent Interplay between Self-Assembly and Crystallization in Discrete Block Co-Oligomers. <i>ACS Macro Letters</i> , 2020, 9, 38-42.	2.3	11
12	One-pot, solvent-free, metal-free synthesis and UCST-based purification of poly(ethylene) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 3	2.5	8
13	On the Colloidal Stability of Spherical Copolymeric Micelles. <i>ACS Omega</i> , 2018, 3, 17976-17985.	1.6	8
14	Designing stable, hierarchical peptide fibers from block co-polypeptide sequences. <i>Chemical Science</i> , 2019, 10, 9001-9008.	3.7	8
15	(Homo)polymer-mediated colloidal stability of micellar solutions. <i>Soft Matter</i> , 2020, 16, 1560-1571.	1.2	7
16	Morphological changes of calcite single crystals induced by graphene-biomolecule adducts. <i>Journal of Crystal Growth</i> , 2017, 457, 356-361.	0.7	6
17	Dual responsive PMEECL-PAE block copolymers: a computational self-assembly and doxorubicin uptake study. <i>RSC Advances</i> , 2020, 10, 3233-3245.	1.7	6
18	Kinetic state diagrams for a highly asymmetric block copolymer assembled in solution. <i>Soft Matter</i> , 2021, 17, 1084-1090.	1.2	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.	2.3	4
20	The Green Lean Amine Machine: Harvesting Electric Power While Capturing Carbon Dioxide from Breath. Advanced Science, 2021, 8, e2100995.	5.6	4
21	Solvent Selectivity Governs the Emergence of Temperature Responsiveness in Block Copolymer Self-Assembly. Macromolecules, 2021, 54, 2912-2920.	2.2	3
22	Design principles for metamorphic block copolymer assemblies. Soft Matter, 2020, 16, 2342-2349.	1.2	3
23	Studying Polymer Self-Assembly by Combined Cryogenic and Liquid Phase Transmission Electron Microscopy. Microscopy and Microanalysis, 2016, 22, 14-15.	0.2	2
24	Block copolymer hierarchical structures from the interplay of multiple assembly pathways. Polymer Chemistry, 2020, 11, 2305-2311.	1.9	2
25	Liquid Phase Electron Microscopy of Soft Matter. Microscopy and Microanalysis, 2018, 24, 248-249.	0.2	1
26	<i>In-Situ</i> Liquid Phase Electron Microscopy of Beam-Sensitive Materials. Microscopy and Microanalysis, 2019, 25, 63-64.	0.2	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.	3.4	0
28	Metallosupramolecular polymers as precursors for platinum nanocomposites. Polymer Chemistry, 2022, 13, 1880-1890.	1.9	0