

Massimo Bagnani

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

499
citations

687363

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h-index

794594

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20
all docs

20
docs citations

20
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid Fibrils Length Controls Shape and Structure of Nematic and Cholesteric Tactoids. ACS Nano, 2019, 13, 591-600.	14.6	68
2	Sustainable Removal of Microplastics and Natural Organic Matter from Water by Coagulation-Flocculation with Protein Amyloid Fibrils. Environmental Science & Technology, 2021, 55, 8848-8858.	10.0	67
3	Turning Food Protein Waste into Sustainable Technologies. Chemical Reviews, 2023, 123, 2112-2154.	47.7	58
4	Ion-Induced Formation of Nanocrystalline Cellulose Colloidal Glasses Containing Nematic Domains. Langmuir, 2019, 35, 4117-4124.	3.5	46
5	Sustainable Bioplastics from Amyloid Fibril-Biodegradable Polymer Blends. ACS Sustainable Chemistry and Engineering, 2021, 9, 11916-11926.	6.7	36
6	Relaxation dynamics in bio-colloidal cholesteric liquid crystals confined to cylindrical geometry. Nature Communications, 2020, 11, 4616.	12.8	32
7	Metal ions confinement defines the architecture of G-quartet, G-quadruplex fibrils and their assembly into nematic tactoids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9832-9839.	7.1	32
8	Liquid-liquid crystalline phase separation in biological filamentous colloids: nucleation, growth and order-order transitions of cholesteric tactoids. Soft Matter, 2021, 17, 6627-6636.	2.7	21
9	Amyloid-based carbon aerogels for water purification. Chemical Engineering Journal, 2022, 449, 137703.	12.7	21
10	Flow-induced order-order transitions in amyloid fibril liquid crystalline tactoids. Nature Communications, 2020, 11, 5416.	12.8	20
11	Polysaccharide-reinforced amyloid fibril hydrogels and aerogels. Nanoscale, 2021, 13, 12534-12545.	5.6	19
12	Six-fold director field configuration in amyloid nematic and cholesteric phases. Scientific Reports, 2019, 9, 12654.	3.3	18
13	Probing the Structure of Filamentous Nonergodic Gels by Dynamic Light Scattering. Macromolecules, 2020, 53, 5950-5956.	4.8	13
14	Renewable Water Harvesting by Amyloid Aerogels and Sun. Advanced Sustainable Systems, 2022, 6, 2100309.	5.3	13
15	Elastic constants of biological filamentous colloids: estimation and implications on nematic and cholesteric tactoid morphologies. Soft Matter, 2021, 17, 2158-2169.	2.7	12
16	Hierarchically Fabricated Amyloid Fibers via Evaporation-Induced Self-Assembly. ACS Nano, 2021, 15, 20261-20266.	14.6	8
17	Interfaces Determine the Fate of Seeded α -Synuclein Aggregation. Advanced Materials Interfaces, 2020, 7, 2000446.	3.7	7
18	Shape and structural relaxation of colloidal tactoids. Nature Communications, 2022, 13, 2778.	12.8	7

#	ARTICLE	IF	CITATIONS
19	Air-Water Interfaces: Interfaces Determine the Fate of Seeded α -Synuclein Aggregation (Adv. Mater.) Tj ETQq1	10.7843	14