

Massimo Bagnani

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

499
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Turning Food Protein Waste into Sustainable Technologies. <i>Chemical Reviews</i> , 2023, 123, 2112-2154.	47.7	58
2	Renewable Water Harvesting by Amyloid Aerogels and Sun. <i>Advanced Sustainable Systems</i> , 2022, 6, 2100309.	5.3	13
3	Shape and structural relaxation of colloidal tactoids. <i>Nature Communications</i> , 2022, 13, 2778.	12.8	7
4	Amyloid-based carbon aerogels for water purification. <i>Chemical Engineering Journal</i> , 2022, 449, 137703.	12.7	21
5	Elastic constants of biological filamentous colloids: estimation and implications on nematic and cholesteric tactoid morphologies. <i>Soft Matter</i> , 2021, 17, 2158-2169.	2.7	12
6	Liquid-liquid crystalline phase separation in biological filamentous colloids: nucleation, growth and order-order transitions of cholesteric tactoids. <i>Soft Matter</i> , 2021, 17, 6627-6636.	2.7	21
7	Polysaccharide-reinforced amyloid fibril hydrogels and aerogels. <i>Nanoscale</i> , 2021, 13, 12534-12545.	5.6	19
8	Sustainable Removal of Microplastics and Natural Organic Matter from Water by Coagulation-Flocculation with Protein Amyloid Fibrils. <i>Environmental Science & Technology</i> , 2021, 55, 8848-8858.	10.0	67
9	Sustainable Bioplastics from Amyloid Fibril-Biodegradable Polymer Blends. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11916-11926.	6.7	36
10	Hierarchically Fabricated Amyloid Fibers <i>via</i> Evaporation-Induced Self-Assembly. <i>ACS Nano</i> , 2021, 15, 20261-20266.	14.6	8
11	Flow-induced order-order transitions in amyloid fibril liquid crystalline tactoids. <i>Nature Communications</i> , 2020, 11, 5416.	12.8	20
12	Relaxation dynamics in bio-colloidal cholesteric liquid crystals confined to cylindrical geometry. <i>Nature Communications</i> , 2020, 11, 4616.	12.8	32
13	Interfaces Determine the Fate of Seeded α -Synuclein Aggregation. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000446.	3.7	7
14	Air-Water Interfaces: Interfaces Determine the Fate of Seeded α -Synuclein Aggregation (<i>Adv. Mater.</i>)	3.7	0
15	Probing the Structure of Filamentous Nonergodic Gels by Dynamic Light Scattering. <i>Macromolecules</i> , 2020, 53, 5950-5956.	4.8	13
16	Metal ions confinement defines the architecture of G-quartet, G-quadruplex fibrils and their assembly into nematic tactoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9832-9839.	7.1	32
17	Six-fold director field configuration in amyloid nematic and cholesteric phases. <i>Scientific Reports</i> , 2019, 9, 12654.	3.3	18
18	Ion-Induced Formation of Nanocrystalline Cellulose Colloidal Glasses Containing Nematic Domains. <i>Langmuir</i> , 2019, 35, 4117-4124.	3.5	46

#	ARTICLE	IF	CITATIONS
19	Amyloid Fibrils Length Controls Shape and Structure of Nematic and Cholesteric Tactoids. ACS Nano, 2019, 13, 591-600.	14.6	68