

Emmanouela Filippidi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4332038/publications.pdf>

Version: 2024-02-01

13
papers

1,171
citations

933264

10
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

2035
citing authors

#	ARTICLE	IF	CITATIONS
1	Toughening elastomers using mussel-inspired iron-catechol complexes. <i>Science</i> , 2017, 358, 502-505.	6.0	505
2	Glioma Expansion in Collagen I Matrices: Analyzing Collagen Concentration-Dependent Growth and Motility Patterns. <i>Biophysical Journal</i> , 2005, 89, 635-650.	0.2	237
3	Tunable Silk: Using Microfluidics to Fabricate Silk Fibers with Controllable Properties. <i>Biomacromolecules</i> , 2011, 12, 1504-1511.	2.6	154
4	Significant Performance Enhancement of Polymer Resins by Bioinspired Dynamic Bonding. <i>Advanced Materials</i> , 2017, 29, 1703026.	11.1	63
5	Transverse Alignment of Fibers in a Periodically Sheared Suspension: An Absorbing Phase Transition with a Slowly Varying Control Parameter. <i>Physical Review Letters</i> , 2011, 107, 250603.	2.9	48
6	All-Natural Oil-Filled Microcapsules from Water-Insoluble Proteins. <i>Advanced Functional Materials</i> , 2014, 24, 5962-5968.	7.8	38
7	The microscopic network structure of mussel (<i>Mytilus</i>) adhesive plaques. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150827.	1.5	36
8	Brownian Diffusion Close to a Polymer Brush. <i>Langmuir</i> , 2007, 23, 5139-5142.	1.6	35
9	Tailoring the Toughness of Elastomers by Incorporating Ionic Cross-Linking. <i>Macromolecules</i> , 2020, 53, 4099-4109.	2.2	20
10	Influence of multi-cycle loading on the structure and mechanics of marine mussel plaques. <i>Soft Matter</i> , 2017, 13, 7381-7388.	1.2	12
11	Effects of sea water pH on marine mussel plaque maturation. <i>Soft Matter</i> , 2020, 16, 9339-9346.	1.2	11
12	Dynamics of non-Brownian fiber suspensions under periodic shear. <i>Soft Matter</i> , 2014, 10, 6722-6731.	1.2	10
13	Microcapsules: All-Natural Oil-Filled Microcapsules from Water-Insoluble Proteins (<i>Adv. Funct. Mater.</i>)	7.8	2