

Guy Ochbaum

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

250
citations

1162367

8
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	Physico-chemical characteristics of the sulfated polysaccharides of the red microalgae <i>Dixoniella grisea</i> and <i>Porphyridium aeruginosum</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1171-1179.	3.6	35
2	The sulfated polysaccharide from a marine red microalga as a platform for the incorporation of zinc ions. <i>Carbohydrate Polymers</i> , 2016, 152, 658-664.	5.1	34
3	Enzymatic activation of cell-penetrating peptides in self-assembled nanostructures triggers fibre-to-micelle morphological transition. <i>Chemical Communications</i> , 2017, 53, 7037-7040.	2.2	31
4	The effect of covalently linked RGD peptide on the conformation of polysaccharides in aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 137, 214-220.	2.5	29
5	Antimicrobial hydrogels composed of chitosan and sulfated polysaccharides of red microalgae. <i>Polymer</i> , 2021, 215, 123353.	1.8	27
6	Tuning the mechanical properties of alginate-peptide hydrogels. <i>Soft Matter</i> , 2018, 14, 4364-4373.	1.2	24
7	RGD-presenting peptides in amphiphilic and anionic β -sheet hydrogels for improved interactions with cells. <i>RSC Advances</i> , 2018, 8, 10072-10080.	1.7	19
8	Using small-angle X-ray scattering (SAXS) to study the structure of self-assembling biomaterials. , 2018, , 291-304.		14
9	Polymer-Induced Modification of Cellulose Nanocrystal Assemblies in Aqueous Suspensions. <i>ACS Applied Polymer Materials</i> , 2020, 2, 732-740.	2.0	10
10	Effect of peptide self-assembly on the rheological properties of alginate-peptide conjugates solutions. <i>Polymer</i> , 2017, 108, 87-96.	1.8	9
11	Effect of the C-terminal amino acid of the peptide on the structure and mechanical properties of alginate-peptide hydrogels across length-scales. <i>Soft Matter</i> , 2020, 16, 6155-6162.	1.2	6
12	Short and Soft: Multidomain Organization, Tunable Dynamics, and Jamming in Suspensions of Grafted Colloidal Cylinders with a Small Aspect Ratio. <i>Langmuir</i> , 2019, 35, 17103-17113.	1.6	5
13	Hyaluronan (HA)-inspired glycopolymers as molecular tools for studying HA functions. <i>RSC Chemical Biology</i> , 2021, 2, 568-576.	2.0	4
14	Nano-to-meso structure of cellulose nanocrystal phases in ethylene-glycol-water mixtures. <i>Soft Matter</i> , 2020, 16, 8444-8452.	1.2	3