

Joo Borges

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

1,112
citations

15
h-index

33
g-index

40
ext. papers

1,306
ext. citations

9.2
avg, IF

5.02
L-index

#	Paper	IF	Citations
31	Molecular interactions driving the layer-by-layer assembly of multilayers. <i>Chemical Reviews</i> , 2014 , 114, 8883-942	68.1	585
30	Layer-by-Layer Assembly of Light-Responsive Polymeric Multilayer Systems. <i>Advanced Functional Materials</i> , 2014 , 24, 5624-5648	15.6	88
29	Advanced Bottom-Up Engineering of Living Architectures. <i>Advanced Materials</i> , 2020 , 32, e1903975	24	65
28	Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles. <i>Advanced Functional Materials</i> , 2017 , 27, 1605122	15.6	42
27	Influence of the extraction process on the rheological and structural properties of agars. <i>Carbohydrate Polymers</i> , 2013 , 96, 163-71	10.3	38
26	Microengineered Multicomponent Hydrogel Fibers: Combining Polyelectrolyte Complexation and Microfluidics. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 1322-1331	5.5	35
25	Preparation and characterization of DNA films using oleylamine modified Au surfaces. <i>Journal of Colloid and Interface Science</i> , 2011 , 358, 626-34	9.3	30
24	Assembly of cell-laden hydrogel fiber into non-liquefied and liquefied 3D spiral constructs by perfusion-based layer-by-layer technique. <i>Biofabrication</i> , 2015 , 7, 011001	10.5	25
23	Nanostructured interfacial self-assembled peptide-polymer membranes for enhanced mineralization and cell adhesion. <i>Nanoscale</i> , 2017 , 9, 13670-13682	7.7	23
22	Preparation of Well-Dispersed Chitosan/Alginate Hollow Multilayered Microcapsules for Enhanced Cellular Internalization. <i>Molecules</i> , 2018 , 23,	4.8	21
21	Density-Dependent Electrochemical Properties of Vertically Aligned Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 9478-9488	3.8	21
20	Unraveling the effect of the hydration level on the molecular mobility of nanolayered polymeric systems. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 405-12	4.8	16
19	Shaping the molecular assemblies of native and alkali-modified agars in dilute and concentrated aqueous media via microwave-assisted extraction. <i>Soft Matter</i> , 2013 , 9, 3131	3.6	16
18	Aggregation-induced conformational transitions in bovine β -lactoglobulin adsorbed onto open chitosan structures. <i>Soft Matter</i> , 2012 , 8, 1190-1201	3.6	16
17	Studies on the interactions between bovine β -lactoglobulin and chitosan at the solid-liquid interface. <i>Electrochimica Acta</i> , 2010 , 55, 8779-8790	6.7	16
16	In vitro biological response of human osteoblasts in 3D chitosan sponges with controlled degree of deacetylation and molecular weight. <i>Carbohydrate Polymers</i> , 2021 , 254, 117434	10.3	15
15	Chitosan biopolymer-F(ab) ₂ immunoconjugate films for enhanced antigen recognition. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 500-511	7.3	10

14	Bioinstructive Layer-by-Layer-Coated Customizable 3D Printed Perfusable Microchannels Embedded in Photocrosslinkable Hydrogels for Vascular Tissue Engineering. <i>Biomolecules</i> , 2021 , 11,	5.9	9
13	Enzymatically degradable, starch-based layer-by-layer films: application to cytocompatible single-cell nanoencapsulation. <i>Soft Matter</i> , 2020 , 16, 6063-6071	3.6	8
12	A diverse view of science to catalyse change. <i>Nature Chemistry</i> , 2020 , 12, 773-776	17.6	7
11	Probing the contribution of different intermolecular forces to the adsorption of spheroproteins onto hydrophilic surfaces. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 16565-76	3.4	6
10	Biomaterials: Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles (Adv. Funct. Mater. 17/2017). <i>Advanced Functional Materials</i> , 2017 , 27,	15.6	2
9	Supramolecular Presentation of Hyaluronan onto Model Surfaces for Studying the Behavior of Cancer Stem Cells. <i>Advanced Biology</i> , 2019 , 3, e1900017	3.5	2
8	Supramolecular dendrimer-containing layer-by-layer nanoassemblies for bioapplications: current status and future prospects. <i>Polymer Chemistry</i> , 2021 , 12, 5902-5930	4.9	2
7	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18306-18310	6.1	10
6	Thin Silica-Based Microsheets with Controlled Geometry. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1574-1578	2.3	1
5	A diverse view of science to catalyse change: valuing diversity leads to scientific excellence, the progress of science and, most importantly, it is simply the right thing to do. We must value diversity not only in words, but also in actions. <i>Canadian Journal of Chemistry</i> , 2020 , 98, 597-600	0.9	1
4	A diverse view of science to catalyse change. <i>Croatica Chemica Acta</i> , 2020 , 93, 77-81	0.8	1
3	Customizable and Regioselective One-Pot N ^B Functionalization of DNA Nucleobases to Create a Library of Nucleobase Derivatives for Biomedical Applications. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4423-4433	3.2	1
2	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie</i> , 2020 , 132, 18462-18466	3.6	0
1	IUPAC and IYCN: Working Together for a Globally Sustainable Future. <i>Chemistry International</i> , 2022 , 44, 39-45	1.6	0