Lenka MusilovÃ¡

List of Publications by Year
in descending order

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24	322	932766 10	839053 18
papers	citations	h-index	g-index

25	25	25	482
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross-Linked Gelatine by Modified Dextran as a Potential Bioink Prepared by a Simple and Non-Toxic Process. Polymers, 2022, 14, 391.	2.0	5
2	Hierarchically Structured Surfaces Prepared by Phase Separation: Tissue Mimicking Culture Substrate. International Journal of Molecular Sciences, 2022, 23, 2541.	1.8	2
3	Factors determining self-assembly of hyaluronan. Carbohydrate Polymers, 2021, 254, 117307.	5.1	7
4	Polyacrylamide brushes with varied morphologies as a tool for control of the intermolecular interactions within EPDM/MVQ blends. Polymer, 2021, 215, 123387.	1.8	4
5	Effect of Hofmeister Ions on Transport Properties of Aqueous Solutions of Sodium Hyaluronate. International Journal of Molecular Sciences, 2021, 22, 1932.	1.8	5
6	Oxidized polysaccharides for anticancer-drug delivery: What is the role of structure?. Carbohydrate Polymers, 2021, 257, 117562.	5.1	18
7	Dependence of Viscosity and Diffusion on Î²-Cyclodextrin and Chloroquine Diphosphate Interactions. Processes, 2021, 9, 1433.	1.3	4
8	Host-guest paracetamol/cyclodextrin complex formation evaluated from coupled diffusion measurements. Journal of Chemical Thermodynamics, 2021, 161, 106551.	1.0	7
9	Surface Modification of Metallic Inserts for Enhancing Adhesion at the Metalâ€“Polymer Interface. Polymers, 2021, 13, 4015.	2.0	7
10	Effect of sodium salts on diffusion of poly(vinyl alcohol) in aqueous solutions. Journal of Molecular Liquids, 2020, 304, 112728.	2.3	9
11	Electrospinning of Hyaluronan Using Polymer Coelectrospinning and Intermediate Solvent. Polymers, 2019, 11, 1517.	2.0	12
12	Preparation of Hierarchically Structured Polystyrene Surfaces with Superhydrophobic Properties by Plasma-Assisted Fluorination. Coatings, 2019, 9, 201.	1.2	16
13	Superhydrophobic poly(vinyl butyral) nanofibrous membrane containing various silica nanoparticles. Journal of the Textile Institute, 2019, 110, 1508-1514.	1.0	6
14	The behaviour of hyaluronan solutions in the presence of Hofmeister ions: A light scattering, viscometry and surface tension study. Carbohydrate Polymers, 2019, 212, 395-402.	5.1	16
15	Preparation of Textured Surfaces on Aluminum-Alloy Substrates. Materials, 2019, 12, 109.	1.3	20
16	Hyaluronan hydrogels modified by glycinated Kraft lignin: Morphology, swelling, viscoelastic properties and biocompatibility. Carbohydrate Polymers, 2018, 181, 394-403.	5.1	61
17	The Effect of Plasma Pretreatment and Cross-Linking Degree on the Physical and Antimicrobial Properties of Nisin-Coated PVA Films. Materials, 2018, 11, 1451.	1.3	31
18	Variations of Polymer Porous Surface Structures via the Time-Sequenced Dosing of Mixed Solvents. ACS Applied Materials & Interfaces, 2017, 9, 6472-6481.	4.0	9

#	Article	IF	Citations
19	A special instrument for the defined modification of polymer properties in solutions and polymer layers. Measurement: Journal of the International Measurement Confederation, 2017, 97, 218-225.	2.5	2
20	Stability of Aqueous Polymeric Dispersions for Ultra-Thin Coating of Bi-Axially Oriented Polyethylene Terephthalate Films. Coatings, 2017, 7, 234.	1.2	2
21	Characterization at 25 Â°C of Sodium Hyaluronate in Aqueous Solutions Obtained by Transport Techniques. Molecules, 2015, 20, 5812-5824.	1.7	6
22	Viscoelastic and mechanical properties of hyaluronan films and hydrogels modified by carbodiimide. Carbohydrate Polymers, 2015, 119, 142-148.	5.1	25
23	The influence of quarternary salt on hyaluronan conformation and particle size in solution. Carbohydrate Polymers, 2013, 98, 1039-1044.	5.1	10
24	The Influence of Hofmeister Series Ions on Hyaluronan Swelling and Viscosity. Molecules, 2008, 13, 1025-1034.	1.7	37