

Pasquale Sacco

List of Publications by Year in descending order

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950
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448610

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1289
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in Colloid Delivery Systems for Protection and Delivery of Phenolic Bioactive Compounds: Two Study Cases—Hydroxytyrosol and Curcumin. <i>Molecules</i> , 2022, 27, 921.	1.7	7
2	Influence of Temperature and Polymer Concentration on the Nonlinear Response of Highly Acetylated Chitosan—Genipin Hydrogels. <i>Gels</i> , 2022, 8, 194.	2.1	3
3	Sulfated lactose-modified chitosan. A novel synthetic glycosaminoglycan-like polysaccharide inducing chondrocyte aggregation. <i>Carbohydrate Polymers</i> , 2022, 288, 119379.	5.1	6
4	Structural characterization and physical ageing of mucilage from chia for food processing applications. <i>Food Hydrocolloids</i> , 2022, 129, 107614.	5.6	13
5	Regulation of Substrate Dissipation via Tunable Linear Elasticity Controls Cell Activity. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	7
6	Correction to “Lactose-Modified Chitosan Gold(III)-PEGylated Complex-Bioconjugates: From Synthesis to Interaction with Targeted Galectin-1 Protein” • <i>Bioconjugate Chemistry</i> , 2022, 33, 1439-1439.	1.8	0
7	Insights into Mechanical Behavior and Biological Properties of Chia Seed Mucilage Hydrogels. <i>Gels</i> , 2021, 7, 47.	2.1	8
8	Strain Hardening in Highly Acetylated Chitosan Gels. <i>Biomacromolecules</i> , 2021, 22, 2902-2909.	2.6	11
9	Ionotropic Gelation of Chitosan Flat Structures and Potential Applications. <i>Molecules</i> , 2021, 26, 660.	1.7	39
10	Galectin-1 protein modified gold (III)-PEGylated complex-nanoparticles: Proof of concept of alternative probe in colorimetric glucose detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110588.	2.5	12
11	N-isopropyl chitosan. A pH- and thermo-responsive polysaccharide for gel formation. <i>Carbohydrate Polymers</i> , 2020, 230, 115641.	5.1	19
12	CTL—doxorubicin (DOX)—gold complex nanoparticles (DOX—AuGCs): from synthesis to enhancement of therapeutic effect on liver cancer model. <i>Nanoscale Advances</i> , 2020, 2, 5231-5241.	2.2	3
13	On the Mechanism of Genipin Binding to Primary Amines in Lactose-Modified Chitosan at Neutral pH. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6831.	1.8	18
14	Characterization of Chitosan/Hyaluronan Complex Coacervates Assembled by Varying Polymers Weight Ratio and Chitosan Physical-Chemical Composition. <i>Colloids and Interfaces</i> , 2020, 4, 12.	0.9	7
15	Temporary/Permanent Dual Cross—Link Gels Formed of a Bioactive Lactose—Modified Chitosan. <i>Macromolecular Bioscience</i> , 2020, 20, e2000236.	2.1	8
16	Substrate Dissipation Energy Regulates Cell Adhesion and Spreading. <i>Advanced Functional Materials</i> , 2020, 30, 2001977.	7.8	27
17	On the Formation and Stability of Chitosan/Hyaluronan-Based Complex Coacervates. <i>Molecules</i> , 2020, 25, 1071.	1.7	6
18	Long lasting mucoadhesive membrane based on alginate and chitosan for intravaginal drug delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 25.	1.7	21

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19	Binary Solutions of Hyaluronan and Lactose-Modified Chitosan: The Influence of Experimental Variables in Assembling Complex Coacervates. <i>Polymers</i> , 2020, 12, 897.	2.0	3
20	Glycosylated-Chitosan Derivatives: A Systematic Review. <i>Molecules</i> , 2020, 25, 1534.	1.7	26
21	Protective action of lemongrass essential oil on mucilage from chia (<i>Salvia hispanica</i>) seeds. <i>Food Hydrocolloids</i> , 2020, 105, 105860.	5.6	23
22	Single-shot K-edge subtraction x-ray discrete computed tomography with a polychromatic source and the Pixie-III detector. <i>Physics in Medicine and Biology</i> , 2020, 65, 055016.	1.6	10
23	pH-Assisted Gelation of Lactose-Modified Chitosan. <i>Biomacromolecules</i> , 2019, 20, 3070-3075.	2.6	20
24	Biomimetic, Multiresponsive, and Self-Healing Lactose-Modified Chitosan (CTL)-Based Gels Formed via Competitor-Assisted Mechanism. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5539-5547.	2.6	11
25	Chitosan Acetylation Degree Influences the Physical Properties of Polysaccharide Nanoparticles: Implication for the Innate Immune Cells Response. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9794-9803.	4.0	43
26	Nucleation, reorganization and disassembly of an active network from lactose-modified chitosan mimicking biological matrices. <i>Carbohydrate Polymers</i> , 2019, 208, 451-456.	5.1	17
27	On the Correlation between the Microscopic Structure and Properties of Phosphate-Cross-Linked Chitosan Gels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10761-10770.	4.0	28
28	Mimicking mechanical response of natural tissues. Strain hardening induced by transient reticulation in lactose-modified chitosan (chitlac). <i>International Journal of Biological Macromolecules</i> , 2018, 106, 656-660.	3.6	21
29	Concepts for Developing Physical Gels of Chitosan and of Chitosan Derivatives. <i>Gels</i> , 2018, 4, 67.	2.1	85
30	Complex Coacervates between a Lactose-Modified Chitosan and Hyaluronic Acid as Radical-Scavenging Drug Carriers. <i>Biomacromolecules</i> , 2018, 19, 3936-3944.	2.6	37
31	Lactose-Modified Chitosan Gold(III)-PEGylated Complex-Bioconjugates: From Synthesis to Interaction with Targeted Galectin-1 Protein. <i>Bioconjugate Chemistry</i> , 2018, 29, 3352-3361.	1.8	29
32	The role played by the molecular weight and acetylation degree in modulating the stiffness and elasticity of chitosan gels. <i>Carbohydrate Polymers</i> , 2018, 196, 405-413.	5.1	39
33	Boric Acid Induced Transient Cross-Links in Lactose-Modified Chitosan (Chitlac). <i>Biomacromolecules</i> , 2017, 18, 4206-4213.	2.6	21
34	Butyrate-Loaded Chitosan/Hyaluronan Nanoparticles: A Suitable Tool for Sustained Inhibition of ROS Release by Activated Neutrophils. <i>Macromolecular Bioscience</i> , 2017, 17, 1700214.	2.1	35
35	Highly monodisperse colloidal coacervates based on a bioactive lactose-modified chitosan: From synthesis to characterization. <i>Carbohydrate Polymers</i> , 2017, 174, 360-368.	5.1	23
36	Insight into the ionotropic gelation of chitosan using tripolyphosphate and pyrophosphate as cross-linkers. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 476-483.	3.6	56

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37	Phytoliposome-Based Silibinin Delivery System as a Promising Strategy to Prevent Hepatitis C Virus Infection. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 770-780.	0.5	26
38	A silver complex of hyaluronan- α -lipoate (SHLS12): Synthesis, characterization and biological properties. <i>Carbohydrate Polymers</i> , 2016, 136, 418-426.	5.1	16
39	Silver-containing antimicrobial membrane based on chitosan-TPP hydrogel for the treatment of wounds. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 128.	1.7	43
40	Polysaccharide-Based Networks from Homogeneous Chitosan-Tripolyphosphate Hydrogels: Synthesis and Characterization. <i>Biomacromolecules</i> , 2014, 15, 3396-3405.	2.6	73
41	Phyto-liposomes as nanoshuttles for water-insoluble silybin- α -phospholipid complex. <i>International Journal of Pharmaceutics</i> , 2014, 471, 173-181.	2.6	50