Annalisa La Gatta

List of Publications by Year
in descending order

37	1,110	331538 21	395590 33
papers	citations	h-index	g-index

39	39	39	1591
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential of Biofermentative Unsulfated Chondroitin and Hyaluronic Acid in Dermal Repair. International Journal of Molecular Sciences, 2022, 23, 1686.	1.8	5
2	Hyaluronan Hydrogels: Rheology and Stability in Relation to the Type/Level of Biopolymer Chemical Modification. Polymers, 2022, 14, 2402.	2.0	6
3	Gelatin-biofermentative unsulfated glycosaminoglycans semi-interpenetrating hydrogels via microbial-transglutaminase crosslinking enhance osteogenic potential of dental pulp stem cells. International Journal of Energy Production and Management, 2021, 8, rbaa052.	1.9	6
4	Hyaluronan Hydrogels for Injection in Superficial Dermal Layers: An In Vitro Characterization to Compare Performance and Unravel the Scientific Basis of Their Indication. International Journal of Molecular Sciences, 2021, 22, 6005.	1.8	7
5	Hyaluronan and Derivatives: An In Vitro Multilevel Assessment of Their Potential in Viscosupplementation. Polymers, 2021, 13, 3208.	2.0	6
6	Levan from a new isolated Bacillus subtilis AF17: Purification, structural analysis and antioxidant activities. International Journal of Biological Macromolecules, 2020, 144, 316-324.	3.6	56
7	Hyaluronan-based hydrogels via ether-crosslinking: Is HA molecular weight an effective means to tune gel performance?. International Journal of Biological Macromolecules, 2020, 144, 94-101.	3.6	14
8	Hyaluronan Dermal Fillers: Efforts Towards a Wider Biophysical Characterization and the Correlation of the Biophysical Parameters to the Clinical Outcome . Clinical, Cosmetic and Investigational Dermatology, 2020, Volume 13, 87-97.	0.8	13
9	Evaluation of the Volumizing Performance of a New Volumizer Filler in Volunteers with Age-Related Midfacial Volume Defects . Clinical, Cosmetic and Investigational Dermatology, 2020, Volume 13, 683-690.	0.8	4
10	A biophysically-defined hyaluronic acid-based compound accelerates migration and stimulates the production of keratinocyte-derived neuromodulators. Cell Adhesion and Migration, 2019, 13, 23-32.	1.1	4
11	In Vitro Evaluation of Novel Hybrid Cooperative Complexes in a Wound Healing Model: A Step Toward Improved Bioreparation. International Journal of Molecular Sciences, 2019, 20, 4727.	1.8	12
12	Novel Hybrid Gels Made of High and Low Molecular Weight Hyaluronic Acid Induce Proliferation and Reduce Inflammation in an Osteoarthritis In Vitro Model Based on Human Synoviocytes and Chondrocytes. BioMed Research International, 2019, 2019, 1-13.	0.9	29
13	Hyaluronan-based hydrogels as dermal fillers: The biophysical properties that translate into a â€œvolumetricâ€•effect. PLoS ONE, 2019, 14, e0218287.	1.1	46
14	In Vitro Evaluation of Hybrid Cooperative Complexes of Hyaluronic Acid as a Potential New Ophthalmic Treatment. Journal of Ocular Pharmacology and Therapeutics, 2018, 34, 677-684.	0.6	10
15	Macroporous alginate foams crosslinked with strontium for bone tissue engineering. Carbohydrate Polymers, 2018, 202, 72-83.	5.1	52
16	Physicoâ€optical properties of a crosslinked hyaluronic acid scaffold for biomedical applications. Journal of Applied Polymer Science, 2017, 134, e45243.	1.3	4
17	Hyaluronan hydrogels with a low degree of modification as scaffolds for cartilage engineering. International Journal of Biological Macromolecules, 2017, 103, 978-989.	3.6	22
18	Is molecular size a discriminating factor in hyaluronan interaction with human cells?. Carbohydrate Polymers, 2017, 157, 21-30.	5.1	68

#	Article	IF	Citations
19	Hyaluronan Hybrid Cooperative Complexes as a Novel Frontier for Cellular Bioprocesses Re-Activation. PLoS ONE, 2016, 11, e0163510.	1.1	46
20	Optimization of hyaluronan-based eye drop formulations. Carbohydrate Polymers, 2016, 153, 275-283.	5.1	63
21	Biophysical and biological characterization of a new line of hyaluronan-based dermal fillers: A scientific rationale to specific clinical indications. Materials Science and Engineering C, 2016, 68, 565-572.	3.8	41
22	Hyaluronan dermal fillers via crosslinking with 1,4â€butandiol diglycidyl ether: <scp>E</scp>xploitation of heterogeneous reaction conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 9-18.	1.6	23
23	Mancozeb, a fungicide routinely used in agriculture, worsens nonalcoholic fatty liver disease in the human HepG2 cell model. Toxicology Letters, 2016, 249, 1-4.	0.4	51
24	Hyaluronan viscosupplementation: state of the art and insight into the novel cooperative hybrid complexes based on high and low molecular weight HA of potential interest in osteoarthritis treatment. Clinical Cases in Mineral and Bone Metabolism, 2016, 13, 36-7.	1.0	11
25	Preparation and characterization of 3D hyaluronic-acid-based scaffolds with controlled optical properties for biomedical applications. , 2015, , .		2
26	In vitro analysis of the effects on wound healing of high- and low-molecular weight chains of hyaluronan and their hybrid H-HA/L-HA complexes. BMC Cell Biology, 2015, 16, 19.	3.0	83
27	In vitro antiviral and immunomodulatory activity of arbidol and structurally related derivatives in herpes simplex virus type 1-infected human keratinocytes (HaCat). Journal of Medical Microbiology, 2014, 63, 1474-1483.	0.7	15
28	Structureâ€“activity relationship study of arbidol derivatives as inhibitors of chikungunya virus replication. Bioorganic and Medicinal Chemistry, 2014, 22, 6014-6025.	1.4	43
29	Cyclohexa-2,5-diene-1,4-dione-based antiproliferative agents: design, synthesis, and cytotoxic evaluation. Journal of Experimental and Clinical Cancer Research, 2013, 32, 24.	3.5	26
30	Human Ng2⁺ adipose stem cells loaded in vivo on a new crosslinked hyaluronic acidâ€lys scaffold fabricate a skeletal muscle tissue. Journal of Cellular Physiology, 2013, 228, 1762-1773.	2.0	57
31	Hyaluronan scaffolds via diglycidyl ether crosslinking: Toward improvements in composition and performance. Carbohydrate Polymers, 2013, 96, 536-544.	5.1	37
32	Properties of Newly-Synthesized Cationic Semi-Interpenetrating Hydrogels Containing Either Hyaluronan or Chondroitin Sulfate in a Methacrylic Matrix. Journal of Functional Biomaterials, 2012, 3, 225-238.	1.8	15
33	Comparative analysis of commercial dermal fillers based on crosslinked hyaluronan: Physical characterization and in vitro enzymatic degradation. Polymer Degradation and Stability, 2011, 96, 630-636.	2.7	45
34	A complete hyaluronan hydrodynamic characterization using a size exclusion chromatographyâ€“triple detector array system during in vitro enzymatic degradation. Analytical Biochemistry, 2010, 404, 21-29.	1.1	73
35	Novel poly(HEMAâ€coâ€METAC)/alginate semiâ€interpenetrating hydrogels for biomedical applications: Synthesis and characterization. Journal of Biomedical Materials Research - Part A, 2009, 90A, 292-302.	2.1	33
36	The most widespread desmosomal cadherin, desmoglein 2, is a novel target of caspase 3-mediated apoptotic machinery. Journal of Cellular Biochemistry, 2008, 103, 598-606.	1.2	29

#	Article	IF	Citations
37	A Novel Injectable Poly(É›-caprolactone)/Calcium Sulfate System for Bone Regeneration: Synthesis and Characterization. Macromolecular Bioscience, 2005, 5, 1108-1117.	2.1	51