

Alberto G Passi

List of Publications by Year in descending order

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160
papers

5,878
citations

66315

42
h-index

88593

70
g-index

164
all docs

164
docs citations

164
times ranked

5571
citing authors

#	ARTICLE	IF	CITATIONS
1	A guide to the composition and functions of the extracellular matrix. FEBS Journal, 2021, 288, 6850-6912.	2.2	320
2	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. Chemical Reviews, 2018, 118, 9152-9232.	23.0	253
3	Hyaluronan: Biosynthesis and signaling. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2452-2459.	1.1	241
4	Transcriptional and post-translational regulation of hyaluronan synthesis. FEBS Journal, 2011, 278, 1419-1428.	2.2	186
5	Roles and targeting of the HAS/hyaluronan/CD44 molecular system in cancer. Matrix Biology, 2017, 59, 3-22.	1.5	156
6	Metabolic control of hyaluronan synthases. Matrix Biology, 2014, 35, 8-13.	1.5	151
7	Collagens, Proteoglycans, MMP-2, MMP-9 and TIMPs in Human Achilles Tendon Rupture. Clinical Orthopaedics and Related Research, 2008, 466, 1577-1582.	0.7	144
8	Role of UDP-N-Acetylglucosamine (GlcNAc) and O-GlcNAcylation of Hyaluronan Synthase 2 in the Control of Chondroitin Sulfate and Hyaluronan Synthesis. Journal of Biological Chemistry, 2012, 287, 35544-35555.	1.6	120
9	Revisiting the hallmarks of cancer: The role of hyaluronan. Seminars in Cancer Biology, 2020, 62, 9-19.	4.3	118
10	Natural Antisense Transcript for Hyaluronan Synthase 2 (HAS2-AS1) Induces Transcription of HAS2 via Protein O-GlcNAcylation. Journal of Biological Chemistry, 2014, 289, 28816-28826.	1.6	116
11	Hyaluronan-CD44-ERK1/2 Regulate Human Aortic Smooth Muscle Cell Motility during Aging. Journal of Biological Chemistry, 2008, 283, 4448-4458.	1.6	110
12	The Activity of Hyaluronan Synthase 2 Is Regulated by Dimerization and Ubiquitination. Journal of Biological Chemistry, 2010, 285, 23647-23654.	1.6	109
13	Proinflammatory Cytokines Induce Hyaluronan Synthesis and Monocyte Adhesion in Human Endothelial Cells through Hyaluronan Synthase 2 (HAS2) and the Nuclear Factor- κ B (NF- κ B) Pathway. Journal of Biological Chemistry, 2010, 285, 24639-24645.	1.6	106
14	Molecular Cloning and Characterization of UDP-glucose Dehydrogenase from the Amphibian <i>Xenopus laevis</i> and Its Involvement in Hyaluronan Synthesis. Journal of Biological Chemistry, 2006, 281, 8254-8263.	1.6	103
15	Hyaluronan Synthesis Is Inhibited by Adenosine Monophosphate-activated Protein Kinase through the Regulation of HAS2 Activity in Human Aortic Smooth Muscle Cells. Journal of Biological Chemistry, 2011, 286, 7917-7924.	1.6	103
16	Antitumor effects of hyaluronic acid inhibitor 4-methylumbelliferone in an orthotopic hepatocellular carcinoma model in mice. Glycobiology, 2012, 22, 400-410.	1.3	91
17	The effects of 4-methylumbelliferone on hyaluronan synthesis, MMP2 activity, proliferation, and motility of human aortic smooth muscle cells. Glycobiology, 2009, 19, 537-546.	1.3	88
18	The dynamic metabolism of hyaluronan regulates the cytosolic concentration of UDP-GlcNAc. Matrix Biology, 2014, 35, 14-17.	1.5	87

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19	The sensitivity of versican from rabbit lung to gelatinase A (MMPâ€²) and B (MMPâ€²) and its involvement in the development of hydraulic lung edema. FEBS Letters, 1999, 456, 93-96.	1.3	84
20	The Complex Interplay Between Extracellular Matrix and Cells in Tissues. Methods in Molecular Biology, 2019, 1952, 1-20.	0.4	82
21	Hyaluronan and Human Endothelial Cell Behavior. Connective Tissue Research, 2008, 49, 120-123.	1.1	72
22	Collagen VI and Hyaluronan: The Common Role in Breast Cancer. BioMed Research International, 2014, 2014, 1-10.	0.9	72
23	Hyaluronan as tunable drug delivery system. Advanced Drug Delivery Reviews, 2019, 146, 83-96.	6.6	71
24	Pulmonary interstitial pressure and tissue matrix structure in acute hypoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L881-L887.	1.3	70
25	Dissecting the role of hyaluronan synthases in the tumor microenvironment. FEBS Journal, 2019, 286, 2937-2949.	2.2	70
26	Extracellular matrix-based cancer targeting. Trends in Molecular Medicine, 2021, 27, 1000-1013.	3.5	66
27	Proteoglycan fragmentation and respiratory mechanics in mechanically ventilated healthy rats. Journal of Applied Physiology, 2007, 103, 747-756.	1.2	64
28	Microenvironmental control of malignancy exerted by RNASET2, a widely conserved extracellular RNase. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1104-1109.	3.3	62
29	Biology and biotechnology of hyaluronan. Glycoconjugate Journal, 2015, 32, 93-103.	1.4	62
30	Modulation of Hyaluronan Synthase Activity in Cellular Membrane Fractions. Journal of Biological Chemistry, 2009, 284, 30684-30694.	1.6	58
31	Hyaluronan suppresses epidermal differentiation in organotypic cultures of rat keratinocytes. Experimental Cell Research, 2004, 296, 123-134.	1.2	57
32	Cell Energy Metabolism and Hyaluronan Synthesis. Journal of Histochemistry and Cytochemistry, 2021, 69, 35-47.	1.3	54
33	Proteoglycan alterations in skin fibroblast cultures from patients affected with pseudoxanthoma elasticum. Cell Biochemistry and Function, 1996, 14, 111-120.	1.4	52
34	The extracellular matrix of the lung and its role in edema formation. Anais Da Academia Brasileira De Ciencias, 2007, 79, 285-297.	0.3	52
35	Epigenetics in extracellular matrix remodeling and hyaluronan metabolism. FEBS Journal, 2014, 281, 4980-4992.	2.2	51
36	Inflammation, Extracellular Matrix Remodeling, and Proteostasis in Tumor Microenvironment. International Journal of Molecular Sciences, 2021, 22, 8102.	1.8	51

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37	Matrix metalloproteinase 2 and tissue inhibitors of metalloproteinases regulate human aortic smooth muscle cell migration during in vitro aging. <i>FASEB Journal</i> , 2006, 20, 1118-1130.	0.2	50
38	Pulmonary interstitial pressure and proteoglycans during development of pulmonary edema. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1996, 270, H2000-H2007.	1.5	46
39	Regulation of Hyaluronan Synthesis in Vascular Diseases and Diabetes. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-9.	1.0	46
40	Chondroitin-4-Sulfate Protects High-Density Lipoprotein against Copper-Dependent Oxidation. <i>Archives of Biochemistry and Biophysics</i> , 1999, 365, 143-149.	1.4	45
41	Oxidized Low Density Lipoprotein (LDL) Affects Hyaluronan Synthesis in Human Aortic Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 29595-29603.	1.6	45
42	C-Reactive Protein Production in Term Human Placental Tissue. <i>Placenta</i> , 2006, 27, 619-625.	0.7	44
43	Defective proteoglycan sulfation of the growth plate zones causes reduced chondrocyte proliferation via an altered Indian hedgehog signalling. <i>Matrix Biology</i> , 2010, 29, 453-460.	1.5	44
44	Extracellular Matrix in Atherosclerosis: Hyaluronan and Proteoglycans Insights. <i>Current Medicinal Chemistry</i> , 2016, 23, 2958-2971.	1.2	44
45	Development of Lung Edema: Interstitial Fluid Dynamics and Molecular Structure. <i>Physiology</i> , 2001, 16, 66-71.	1.6	43
46	Differential degradation of matrix proteoglycans and edema development in rabbit lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L470-L477.	1.3	43
47	Neointima Formed by Arterial Smooth Muscle Cells Expressing Versican Variant V3 Is Resistant to Lipid and Macrophage Accumulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1309-1316.	1.1	43
48	Sirtuin 1 reduces hyaluronan synthase 2 expression by inhibiting nuclear translocation of NF- κ B and expression of the long-noncoding RNA HAS2 α AS1. <i>Journal of Biological Chemistry</i> , 2020, 295, 3485-3496.	1.6	43
49	Hyaluronan content of Wharton's jelly in healthy and Down syndrome fetuses. <i>Matrix Biology</i> , 2005, 24, 166-174.	1.5	42
50	Histidine Decarboxylase, DOPA Decarboxylase, and Vesicular Monoamine Transporter 2 Expression in Neuroendocrine Tumors: Immunohistochemical Study and Gene Expression Analysis. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 863-875.	1.3	42
51	Glycosaminoglycans and Glucose Prevent Apoptosis in 4-Methylumbelliferone-treated Human Aortic Smooth Muscle Cells*. <i>Journal of Biological Chemistry</i> , 2011, 286, 34497-34503.	1.6	42
52	Dermal fibroblasts from pseudoxanthoma elasticum patients have raised MMP-2 degradative potential. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1741, 42-47.	1.8	41
53	The role of proteoglycans in pulmonary edema development. <i>Intensive Care Medicine</i> , 2008, 34, 610-618.	3.9	41
54	The effect of glycosaminoglycans and proteoglycans on lipid peroxidation.. <i>International Journal of Molecular Medicine</i> , 2000, 6, 129-36.	1.8	40

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55	Polyacrylamide gel electrophoresis of fluorophore-labeled hyaluronan and chondroitin sulfate disaccharides: Application to the analysis in cells and tissues. <i>Electrophoresis</i> , 2004, 25, 2919-2925.	1.3	39
56	Chondroitin 4-sulphate exhibits inhibitory effect during Cu ²⁺ -mediated LDL oxidation. <i>FEBS Letters</i> , 1997, 403, 154-158.	1.3	38
57	Changes in hyaluronan deposition in the rat myenteric plexus after experimentally-induced colitis. <i>Scientific Reports</i> , 2017, 7, 17644.	1.6	37
58	Glycosaminoglycans as Key Molecules in Atherosclerosis: The Role of Versican and Hyaluronan. <i>Current Medicinal Chemistry</i> , 2012, 17, 4018-4026.	1.2	36
59	Proteoglycan involvement during development of lesional pulmonary edema. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 274, L203-L211.	1.3	35
60	Effects of mutations in the post-translational modification sites on the trafficking of hyaluronan synthase 2 (HAS2). <i>Matrix Biology</i> , 2019, 80, 85-103.	1.5	35
61	Chondroitin Sulfates Act as Extracellular Gating Modifiers on Voltage-Dependent Ion Channels. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 137-146.	1.1	34
62	Involvement of lung interstitial proteoglycans in development of hydraulic- and elastase-induced edema. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 275, L631-L635.	1.3	33
63	The Motile Breast Cancer Phenotype Roles of Proteoglycans/Glycosaminoglycans. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	31
64	New insights into the pathobiology of Down syndrome – hyaluronan synthase 2 overexpression is regulated by collagen VI $\alpha 2$ chain. <i>FEBS Journal</i> , 2013, 280, 2418-2430.	2.2	30
65	Hyaluronan preconditioning of monocytes/macrophages affects their angiogenic behavior and regulation of TSG- β expression in a tumor type-specific manner. <i>FEBS Journal</i> , 2019, 286, 3433-3449.	2.2	30
66	Hyaluronan Synthases Posttranslational Regulation in Cancer. <i>Advances in Cancer Research</i> , 2014, 123, 95-119.	1.9	29
67	Receptor for hyaluronic acid- mediated motility (RHAMM) regulates HT1080 fibrosarcoma cell proliferation via a β -catenin/c-myc signaling axis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 814-824.	1.1	29
68	Differences in inhibitory control and motor fitness in children practicing open and closed skill sports. <i>Scientific Reports</i> , 2021, 11, 4033.	1.6	28
69	Interaction between a Regenerative Matrix and Wound Bed in Nonhealing Ulcers: Results with 16 Cases. <i>BioMed Research International</i> , 2013, 2013, 1-5.	0.9	27
70	Evaluation of lumican effects on morphology of invading breast cancer cells, expression of integrins and downstream signaling. <i>FEBS Journal</i> , 2020, 287, 4862-4880.	2.2	26
71	Heparan Sulfate in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1245, 147-161.	0.8	26
72	Molecular Control of the Hyaluronan Biosynthesis. <i>Connective Tissue Research</i> , 2008, 49, 111-114.	1.1	25

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73	Heparin protection against Fe ²⁺ -and Cu ²⁺ -mediated oxidation of liposomes. <i>FEBS Letters</i> , 1996, 383, 155-158.	1.3	24
74	MDA-MB-231 breast cancer cell viability, motility and matrix adhesion are regulated by a complex interplay of heparan sulfate, chondroitin ⁶ /dermatan sulfate and hyaluronan biosynthesis. <i>Glycoconjugate Journal</i> , 2017, 34, 411-420.	1.4	24
75	Application of polyacrylamide gel electrophoresis of fluorophore-labeled saccharides for analysis of hyaluronan and chondroitin sulfate in human and animal tissues and cell cultures. <i>Biomedical Chromatography</i> , 2005, 19, 761-765.	0.8	22
76	Regulated Hyaluronan Synthesis by Vascular Cells. <i>International Journal of Cell Biology</i> , 2015, 2015, 1-8.	1.0	22
77	The Effect of Cornea Proteoglycans on Liposome Peroxidation. <i>Archives of Biochemistry and Biophysics</i> , 1996, 327, 209-214.	1.4	21
78	Molecular cloning, genomic organization and developmental expression of the <i>Xenopus laevis</i> hyaluronan synthase 3. <i>Matrix Biology</i> , 2003, 22, 511-517.	1.5	21
79	Murine Abortion is Associated with Enhanced Hyaluronan Expression and Abnormal Localization at the Fetomaternal Interface. <i>Placenta</i> , 2009, 30, 88-95.	0.7	21
80	Initial Identification of UDP-Glucose Dehydrogenase as a Prognostic Marker in Breast Cancer Patients, Which Facilitates Epirubicin Resistance and Regulates Hyaluronan Synthesis in MDA-MB-231 Cells. <i>Biomolecules</i> , 2021, 11, 246.	1.8	21
81	Modifications of proteoglycans secreted into the growth medium by young and senescent human skin fibroblasts. <i>FEBS Letters</i> , 1997, 402, 286-290.	1.3	20
82	Six minute walk distance and reference values in healthy Italian children: A cross-sectional study. <i>PLoS ONE</i> , 2018, 13, e0205792.	1.1	20
83	Sonographic morphology and hyaluronan content of umbilical cords of healthy and down syndrome fetuses in early gestation. <i>Early Human Development</i> , 2004, 77, 1-12.	0.8	19
84	Analysis of fluorophore-labelled hyaluronan and chondroitin sulfate disaccharides in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 34, 791-795.	1.4	19
85	Decorin from different bovine tissues: Study of glycosaminoglycan chain by PAGEFS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 36-42.	1.4	19
86	Different Real Time PCR Approaches for the Fine Quantification of SNP's Alleles in DNA Pools: Assays Development, Characterization and Pre-validation. <i>BMB Reports</i> , 2005, 38, 555-562.	1.1	19
87	Vascular Pathology and the Role of Hyaluronan. <i>Scientific World Journal, The</i> , 2008, 8, 1116-1118.	0.8	18
88	Impact of respiratory pattern on lung mechanics and interstitial proteoglycans in spontaneously breathing anaesthetized healthy rats. <i>Acta Physiologica</i> , 2011, 203, 331-341.	1.8	16
89	Impact of mechanical ventilation and fluid load on pulmonary glycosaminoglycans. <i>Respiratory Physiology and Neurobiology</i> , 2012, 181, 308-320.	0.7	16
90	Dynamic interplay between breast cancer cells and normal endothelium mediates the expression of matrix macromolecules, proteasome activity and functional properties of endothelial cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2549-2559.	1.1	16

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91	Co-treatment of tumor cells with hyaluronan plus doxorubicin affects endothelial cell behavior independently of VEGF expression. <i>Oncotarget</i> , 2018, 9, 36585-36602.	0.8	16
92	Effect of oxygen tension and lactate concentration on keratan sulphate and chondroitin sulphate biosynthesis in bovine cornea. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1992, 1115, 187-191.	1.1	15
93	New electrophoretic and chromatographic techniques for analysis of heparin and heparan sulfate. <i>Electrophoresis</i> , 2008, 29, 3168-3174.	1.3	15
94	Hyaluronan in pathophysiology of vascular diseases: specific roles in smooth muscle cells, endothelial cells, and macrophages. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C505-C519.	2.1	15
95	Correlations between biochemical markers in the synovial fluid and severity of rotator cuff disease. <i>Musculoskeletal Surgery</i> , 2009, 93, 41-48.	0.7	14
96	<i>In Vitro</i> Evaluation of the Biological Availability of Hyaluronic Acid Polyethylene Glycols-Cross-Linked Hydrogels to Bovine Testes Hyaluronidase. <i>BioMed Research International</i> , 2019, 2019, 1-5.	0.9	14
97	The role of the multifaceted long non-coding RNAs: A nuclear-cytosolic interplay to regulate hyaluronan metabolism. <i>Matrix Biology Plus</i> , 2021, 11, 100060.	1.9	14
98	The natural antisense transcript HAS2-AS1 regulates breast cancer cells aggressiveness independently from hyaluronan metabolism. <i>Matrix Biology</i> , 2022, 109, 140-161.	1.5	14
99	Interstitial Pressure and Proteoglycan Degradation in Hydraulic- and Elastase-Induced Lung Edema. <i>Chest</i> , 1999, 116, 31S.	0.4	13
100	In vitro effects of Apixaban on 5 different cancer cell lines. <i>PLoS ONE</i> , 2017, 12, e0185035.	1.1	13
101	Isolation of pulmonary interstitial fluid in rabbits by a modified wick technique. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L1057-L1065.	1.3	12
102	Involvement of hyaluronan in the adaptive changes of the rat small intestine neuromuscular function after ischemia/reperfusion injury. <i>Scientific Reports</i> , 2020, 10, 11521.	1.6	12
103	Assessing Heteroplasmic Load in Leber's Hereditary Optic Neuropathy Mutation 3460G>A/MT-ND1 with A Real-Time PCR Quantitative Approach. <i>Journal of Molecular Diagnostics</i> , 2007, 9, 538-545.	1.2	11
104	Analysis of Hyaluronan Synthase Activity. <i>Methods in Molecular Biology</i> , 2015, 1229, 201-208.	0.4	11
105	Glucose Accelerates Copper- and Ceruloplasmin-induced Oxidation of Low-density Lipoprotein and Whole Serum. <i>Free Radical Research</i> , 2002, 36, 521-529.	1.5	10
106	FACE Analysis as a Fast and Reliable Methodology to Monitor the Sulfation and Total Amount of Chondroitin Sulfate in Biological Samples of Clinical Importance. <i>Molecules</i> , 2014, 19, 7959-7980.	1.7	10
107	Unraveling Heparan Sulfate Proteoglycan Binding Motif for Cancer Cell Selectivity. <i>Frontiers in Oncology</i> , 2019, 9, 843.	1.3	10
108	The Secreted Protein C10orf118 Is a New Regulator of Hyaluronan Synthesis Involved in Tumour-Stroma Cross-Talk. <i>Cancers</i> , 2021, 13, 1105.	1.7	10

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109	Hyaluronan: A Neuroimmune Modulator in the Microbiota-Gut Axis. <i>Cells</i> , 2022, 11, 126.	1.8	10
110	Modifications of proteoglycans produced by human skin fibroblast cultures during replicative senescence. <i>Cell Biochemistry and Function</i> , 1993, 11, 263-269.	1.4	9
111	The effect of heparin on Cu ²⁺ -mediated oxidation of human low-density lipoproteins. <i>FEBS Letters</i> , 1995, 377, 240-242.	1.3	9
112	Interstitial matrix and transendothelial fluxes in normal lung. <i>Respiratory Physiology and Neurobiology</i> , 2007, 159, 301-310.	0.7	9
113	Analysis of Glycosaminoglycans by Electrophoretic Approach. <i>Current Pharmaceutical Analysis</i> , 2008, 4, 78-89.	0.3	9
114	Multilayer Microstructure of Idiopathic Epiretinal Macular Membranes. <i>European Journal of Ophthalmology</i> , 2017, 27, 762-768.	0.7	9
115	Mechanistic aspects of the relationship between low-level chemiluminescence and lipid peroxides in oxidation of low-density lipoprotein. <i>FEBS Letters</i> , 1999, 459, 47-50.	1.3	8
116	HA and HS Changes in Endothelial Inflammatory Activation. <i>Biomolecules</i> , 2021, 11, 809.	1.8	8
117	Modifications of proteoglycans extracted from monolayer cultures of young and senescent human skin fibroblasts. <i>FEBS Letters</i> , 1997, 420, 175-178.	1.3	7
118	Aortic Smooth Muscle Cells Migration and the Role of Metalloproteinases and Hyaluronan. <i>Connective Tissue Research</i> , 2008, 49, 189-192.	1.1	7
119	Molecular interactions in extracellular matrix of tendon. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1-12.	0.9	7
120	Endometrial cancer cells can express fibrinogen: Immunohistochemistry and RT-PCR analysis. <i>Journal of Obstetrics and Gynaecology</i> , 2016, 36, 353-358.	0.4	7
121	Glycine improves the remodeling process of tenocytes in vitro. <i>Cell Biology International</i> , 2018, 42, 804-814.	1.4	7
122	Heparan Sulfate Proteoglycans Can Promote Opposite Effects on Adhesion and Directional Migration of Different Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15997-16011.	2.9	7
123	Changes of the ganglioside pattern and content in human fibroblasts by high density cell population subculture progression. <i>Glycoconjugate Journal</i> , 2002, 19, 181-186.	1.4	6
124	The plant alkaloid conophylline inhibits matrix formation of fibroblasts. <i>Journal of Biological Chemistry</i> , 2018, 293, 20214-20226.	1.6	6
125	Establishment and Study of Different Real-Time Polymerase Chain Reaction Assays for the Quantification of Cells with Deletions of Chromosome 7. <i>Journal of Molecular Diagnostics</i> , 2006, 8, 218-224.	1.2	5
126	School self-efficacy is affected by gender and motor skills: findings from an Italian study. <i>PeerJ</i> , 2020, 8, e8949.	0.9	5

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127	Regional lung tissue changes with mechanical ventilation and fluid load. <i>Experimental Lung Research</i> , 2015, 41, 228-240.	0.5	4
128	The hyaluronan-related genes HAS2, HYAL1-4, PH20 and HYALP1 are associated with prognosis, cell viability and spheroid formation capacity in ovarian cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 3399-3419.	1.2	4
129	High-Sensitivity Cardiac Troponin T and the Diagnosis of Cardiovascular Disease in the Emergency Room: The Importance of Combining Cardiovascular Biomarkers with Clinical Data. <i>Journal of Clinical Medicine</i> , 2022, 11, 3798.	1.0	4
130	Modifications of adhesion properties and proteoglycan structure in rat embryo fibroblast cultures with increasing passages. <i>Cell Biochemistry and Function</i> , 1992, 10, 217-224.	1.4	3
131	Novel insights into matrix pathobiology regulatory mechanisms in health and disease. <i>FEBS Journal</i> , 2014, 281, 4978-4979.	2.2	3
132	A nutrient sentinel stands guard outside the cell. <i>Journal of Biological Chemistry</i> , 2018, 293, 16951-16952.	1.6	3
133	Hyaluronan: Structure, Metabolism, and Biological Properties. <i>Biologically-inspired Systems</i> , 2019, , 155-186.	0.4	3
134	Correlation between unstimulated salivary flow, pH and streptococcus mutans, analysed with real time PCR, in caries-free and caries-active children. <i>European Journal of Paediatric Dentistry</i> , 2014, 15, 51-4.	0.4	3
135	Pulmonary extracellular matrix fragmentation induced by mechanical ventilation. <i>Journal of Biomechanics</i> , 2006, 39, S599.	0.9	2
136	Pregnancy outcomes and the use of two standards to assess adequacy of maternal body mass index in early gestation. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 83-89.	0.7	2
137	Hyaluronan is a key regulator of skin homeostasis and wound healing. <i>British Journal of Dermatology</i> , 2018, 179, 558-559.	1.4	2
138	Fast Screening of Glycosaminoglycan Disaccharides by Fluorophore-Assisted Carbohydrate Electrophoresis (FACE): Applications to Biologic Samples and Pharmaceutical Formulations. <i>Methods in Molecular Biology</i> , 2015, 1229, 143-159.	0.4	2
139	The long non-coding RNA HAS2-AS1 enhances the transcription of hyaluronan synthase 2 (1005.1). <i>FASEB Journal</i> , 2014, 28, 1005.1.	0.2	2
140	Interleukin levels and macrophagic density in periumbilical fat tissue in patients affected by moderate-to-severe psoriasis with metabolic syndrome, before and after etanercept treatment. <i>Italian Journal of Dermatology and Venereology</i> , 2017, 152, 342-347.	0.1	2
141	ESR2 Drives Mesenchymal-to-Epithelial Transition in Triple-Negative Breast Cancer and Tumorigenesis In Vivo. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
142	Differential effect of oxygen supply and lactate concentration on keratan sulphate and glycosaminoglycan production in bovine cornea. <i>Biochemical Society Transactions</i> , 1991, 19, 354S-354S.	1.6	1
143	Wharton's jelly differentiation in healthy and down syndrome fetuses. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, S195.	0.7	1
144	Activated Protein C Protection from Lung Inflammation in Endotoxin-Induced Injury. <i>Experimental Biology and Medicine</i> , 2008, 233, 1462-1468.	1.1	1

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145	Paper 261: Gene Expression and Protein Analysis in Ruptured Human Achilles Tendons. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2012, 28, e490-e491.	1.3	1
146	Basic and applied science at the time of COVID-19. FEBS Letters, 2020, 594, 2933-2934.	1.3	1
147	O-GlcNAcylation and hyaluronan synthesis. FASEB Journal, 2012, 26, 795.3.	0.2	1
148	Pseudomonas aeruginosa proteases: purification procedures for an enzymatic standard. New Microbiologica, 1996, 19, 221-6.	0.1	1
149	Collagen type VI in the umbilical cord of trisomy 21 and euploid fetuses. American Journal of Obstetrics and Gynecology, 2005, 193, S160.	0.7	0
150	9.21 Skin Fibroblasts Expression of PPAR-Gamma, At1 and At2 Receptors In Patients with Hypertension and Metabolic Syndrome: Preliminary. High Blood Pressure and Cardiovascular Prevention, 2008, 15, 281-281.	1.0	0
151	GLYCEMIC CONTROL IN TYPE 2 DIABETES MELLITUS: RELATIONSHIP WITH LEFT VENTRICULAR DIASTOLIC DYSFUNCTION AND MATRIX METALLOPROTEINASES. Journal of Hypertension, 2011, 29, e234-e235.	0.3	0
152	2.2 Metabolic control of hyaluronan synthesis. , 2012, , 26-38.		0
153	Hyaluronan Produced by Smooth Muscle Cells Plays a Critical Role in Neointima Formation. Conference Papers in Science, 2014, 2014, 1-5.	0.3	0
154	Method for Studying ECM Expression: In Situ RT-PCR. Methods in Molecular Biology, 2019, 1952, 21-31.	0.4	0
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