

Giancarlo De Luca

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,880
citations

304743

22
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

2194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Sirtuin 1 reduces hyaluronan synthase 2 expression by inhibiting nuclear translocation of NF- κ B and expression of the long-noncoding RNA HAS2-AS1. <i>Journal of Biological Chemistry</i> , 2020, 295, 3485-3496. | 3.4 | 43 |
| 2 | MDA-MB-231 breast cancer cell viability, motility and matrix adhesion are regulated by a complex interplay of heparan sulfate, chondroitin-6-sulfate/dermatan sulfate and hyaluronan biosynthesis. <i>Glycoconjugate Journal</i> , 2017, 34, 411-420. | 2.7 | 24 |
| 3 | Regulated Hyaluronan Synthesis by Vascular Cells. <i>International Journal of Cell Biology</i> , 2015, 2015, 1-8. | 2.5 | 22 |
| 4 | Regulation of Hyaluronan Synthesis in Vascular Diseases and Diabetes. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-9. | 2.3 | 46 |
| 5 | Biology and biotechnology of hyaluronan. <i>Glycoconjugate Journal</i> , 2015, 32, 93-103. | 2.7 | 62 |
| 6 | Epigenetics in extracellular matrix remodeling and hyaluronan metabolism. <i>FEBS Journal</i> , 2014, 281, 4980-4992. | 4.7 | 51 |
| 7 | Natural Antisense Transcript for Hyaluronan Synthase 2 (HAS2-AS1) Induces Transcription of HAS2 via Protein O-GlcNAcylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 28816-28826. | 3.4 | 116 |
| 8 | Collagen VI and Hyaluronan: The Common Role in Breast Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-10. | 1.9 | 72 |
| 9 | Metabolic control of hyaluronan synthases. <i>Matrix Biology</i> , 2014, 35, 8-13. | 3.6 | 151 |
| 10 | Hyaluronan: Biosynthesis and signaling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2452-2459. | 2.4 | 241 |
| 11 | Oxidized Low Density Lipoprotein (LDL) Affects Hyaluronan Synthesis in Human Aortic Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 29595-29603. | 3.4 | 45 |
| 12 | New insights into the pathobiology of Down syndrome - hyaluronan synthase-2 overexpression is regulated by collagen VI α 2 chain. <i>FEBS Journal</i> , 2013, 280, 2418-2430. | 4.7 | 30 |
| 13 | Role of UDP-N-Acetylglucosamine (GlcNAc) and O-GlcNAcylation of Hyaluronan Synthase 2 in the Control of Chondroitin Sulfate and Hyaluronan Synthesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 35544-35555. | 3.4 | 120 |
| 14 | Glycosaminoglycans and Glucose Prevent Apoptosis in 4-Methylumbelliferone-treated Human Aortic Smooth Muscle Cells*. <i>Journal of Biological Chemistry</i> , 2011, 286, 34497-34503. | 3.4 | 42 |
| 15 | Hyaluronan Synthesis Is Inhibited by Adenosine Monophosphate-activated Protein Kinase through the Regulation of HAS2 Activity in Human Aortic Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 7917-7924. | 3.4 | 103 |
| 16 | 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. <i>Journal of Biological Chemistry</i> , 2010, 285, 24639-24645. | 3.4 | 106 |
| 17 | The effects of 4-methylumbelliferone on hyaluronan synthesis, MMP2 activity, proliferation, and motility of human aortic smooth muscle cells. <i>Glycobiology</i> , 2009, 19, 537-546. | 2.5 | 88 |
| 18 | Modulation of Hyaluronan Synthase Activity in Cellular Membrane Fractions. <i>Journal of Biological Chemistry</i> , 2009, 284, 30684-30694. | 3.4 | 58 |

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|----|--|-----|-----------|
| 19 | Hyaluronan and Human Endothelial Cell Behavior. <i>Connective Tissue Research</i> , 2008, 49, 120-123. | 2.3 | 72 |
| 20 | Hyaluronan-CD44-ERK1/2 Regulate Human Aortic Smooth Muscle Cell Motility during Aging. <i>Journal of Biological Chemistry</i> , 2008, 283, 4448-4458. | 3.4 | 110 |
| 21 | Vascular Pathology and the Role of Hyaluronan. <i>Scientific World Journal, The</i> , 2008, 8, 1116-1118. | 2.1 | 18 |
| 22 | 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. | 0.5 | 50 |
| 23 | Molecular Cloning and Characterization of UDP-glucose Dehydrogenase from the Amphibian <i>Xenopus laevis</i> and Its Involvement in Hyaluronan Synthesis. <i>Journal of Biological Chemistry</i> , 2006, 281, 8254-8263. | 3.4 | 103 |
| 24 | 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. | 1.7 | 22 |
| 25 | Hyaluronan content of Wharton's jelly in healthy and Down syndrome fetuses. <i>Matrix Biology</i> , 2005, 24, 166-174. | 3.6 | 42 |
| 26 | Development of Lung Edema: Interstitial Fluid Dynamics and Molecular Structure. <i>Physiology</i> , 2001, 16, 66-71. | 3.1 | 43 |