

Renato V Iozzo

List of Publications by Year in descending order

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Version: 2024-02-01

336
papers

38,277
citations

1799

103
h-index

3487

182
g-index

340
all docs

340
docs citations

340
times ranked

34385
citing authors

#	ARTICLE	IF	CITATIONS
1	Hemodynamic arterial changes in heart failure: a proposed new paradigm of "heart and vessels failure". <i>Minerva Cardiology and Angiology</i> , 2022, 70, .	0.7	8
2	Novel regulatory roles of small leucine-rich proteoglycans in remodeling of the uterine cervix in pregnancy. <i>Matrix Biology</i> , 2022, 105, 53-71.	3.6	13
3	Extracellular matrix guidance of autophagy: a mechanism regulating cancer growth. <i>Open Biology</i> , 2022, 12, 210304.	3.6	15
4	Decorin regulates collagen fibrillogenesis during corneal wound healing in mouse in vivo. <i>Experimental Eye Research</i> , 2022, 216, 108933.	2.6	11
5	The Role of Decorin Proteoglycan in Mitophagy. <i>Cancers</i> , 2022, 14, 804.	3.7	8
6	Oncosuppressive roles of decorin through regulation of multiple receptors and diverse signaling pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C554-C566.	4.6	14
7	Decorin deficiency promotes epithelial-mesenchymal transition and colon cancer metastasis. <i>Matrix Biology</i> , 2021, 95, 1-14.	3.6	40
8	Decorin regulates cartilage pericellular matrix micromechanobiology. <i>Matrix Biology</i> , 2021, 96, 1-17.	3.6	37
9	Transcriptomic profiling of fetal membranes of mice deficient in biglycan and decorin as a model of preterm birth. <i>Biology of Reproduction</i> , 2021, 104, 611-623.	2.7	3
10	miR-21 Plays a Dual Role in Tumor Formation and Cytotoxic Response in Breast Tumors. <i>Cancers</i> , 2021, 13, 888.	3.7	20
11	A novel ocular function for decorin in the aqueous humor outflow. <i>Matrix Biology</i> , 2021, 97, 1-19.	3.6	16
12	The functional role of decorin in corneal neovascularization in vivo. <i>Experimental Eye Research</i> , 2021, 207, 108610.	2.6	14
13	A functional outside-in signaling network of proteoglycans and matrix molecules regulating autophagy. <i>Matrix Biology</i> , 2021, 100-101, 118-149.	3.6	18
14	Decorin is an Antagonist of TGF- β 2 in Astrocytes of the Optic Nerve. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7660.	4.1	10
15	Multimerin-2 orchestrates the cross-talk between endothelial cells and pericytes: A mechanism to maintain vascular stability. <i>Matrix Biology Plus</i> , 2021, 11, 100068.	3.5	10
16	The Role of Decorin and Biglycan Signaling in Tumorigenesis. <i>Frontiers in Oncology</i> , 2021, 11, 801801.	2.8	36
17	Proteoglycan signaling in tumor angiogenesis and endothelial cell autophagy. <i>Seminars in Cancer Biology</i> , 2020, 62, 1-8.	9.6	35
18	Multimerin-2 maintains vascular stability and permeability. <i>Matrix Biology</i> , 2020, 87, 11-25.	3.6	31

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19	Complexity of matrix phenotypes. <i>Matrix Biology Plus</i> , 2020, 6-7, 100038.	3.5	20
20	Angiostatic cues from the matrix: Endothelial cell autophagy meets hyaluronan biology. <i>Journal of Biological Chemistry</i> , 2020, 295, 16797-16812.	3.4	16
21	Progranulin/EphA2 axis: A novel oncogenic mechanism in bladder cancer. <i>Matrix Biology</i> , 2020, 93, 10-24.	3.6	25
22	A simplified aortic ring assay: A useful ex vivo method to assess biochemical and functional parameters of angiogenesis. <i>Matrix Biology Plus</i> , 2020, 6-7, 100025.	3.5	19
23	Endorepellin evokes an angiostatic stress signaling cascade in endothelial cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 6344-6356.	3.4	17
24	Deregulated expression of Elastin Microfibril Interfacer 2 (EMILIN2) in gastric cancer affects tumor growth and angiogenesis. <i>Matrix Biology Plus</i> , 2020, 6-7, 100029.	3.5	15
25	Catabolic degradation of endothelial VEGFA via autophagy. <i>Journal of Biological Chemistry</i> , 2020, 295, 6064-6079.	3.4	22
26	Mediation of Cartilage Matrix Degeneration and Fibrillation by Decorin in Post-traumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 1266-1277.	5.6	37
27	Proteoglycan-driven Autophagy: A Nutrient-independent Mechanism to Control Intracellular Catabolism. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 733-746.	2.5	15
28	Autophagic degradation of HAS2 in endothelial cells: A novel mechanism to regulate angiogenesis. <i>Matrix Biology</i> , 2020, 90, 1-19.	3.6	25
29	Discoidin Domain Receptor 1 functionally interacts with the IGF-I system in bladder cancer. <i>Matrix Biology Plus</i> , 2020, 6-7, 100022.	3.5	7
30	Matrix modeling and remodeling: A biological interplay regulating tissue homeostasis and diseases. <i>Matrix Biology</i> , 2019, 75-76, 1-11.	3.6	184
31	Prostate cancer sheds the $\alpha 3 \beta 1$ integrin in vivo through exosomes. <i>Matrix Biology</i> , 2019, 77, 41-57.	3.6	73
32	Decorin Regulates the Aggrecan Network Integrity and Biomechanical Functions of Cartilage Extracellular Matrix. <i>ACS Nano</i> , 2019, 13, 11320-11333.	14.6	67
33	Biglycan evokes autophagy in macrophages via a novel CD44/Toll-like receptor 4 signaling axis in ischemia/reperfusion injury. <i>Kidney International</i> , 2019, 95, 540-562.	5.2	78
34	Methods for Monitoring Matrix-Induced Autophagy. <i>Methods in Molecular Biology</i> , 2019, 1952, 157-191.	0.9	15
35	Dissecting the role of hyaluronan synthases in the tumor microenvironment. <i>FEBS Journal</i> , 2019, 286, 2937-2949.	4.7	70
36	Systemic Factors Trigger Vasculature Cells to Drive Notch Signaling and Neurogenesis in Neural Stem Cells in the Adult Brain. <i>Stem Cells</i> , 2019, 37, 395-406.	3.2	29

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37	Decorin is a devouring proteoglycan: Remodeling of intracellular catabolism via autophagy and mitophagy. <i>Matrix Biology</i> , 2019, 75-76, 260-270.	3.6	63
38	Tumor-suppressive functions of 4-MU on breast cancer cells of different ER status: Regulation of hyaluronan/HAS2/CD44 and specific matrix effectors. <i>Matrix Biology</i> , 2019, 78-79, 118-138.	3.6	61
39	Extracellular matrix: the gatekeeper of tumor angiogenesis. <i>Biochemical Society Transactions</i> , 2019, 47, 1543-1555.	3.4	34
40	Second-harmonic generation microscopy analysis reveals proteoglycan decorin is necessary for proper collagen organization in prostate. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	18
41	Extracellular matrix: The driving force of mammalian diseases. <i>Matrix Biology</i> , 2018, 71-72, 1-9.	3.6	186
42	Dual regulation of decorin by androgen and Hedgehog signaling during prostate morphogenesis. <i>Developmental Dynamics</i> , 2018, 247, 679-685.	1.8	2
43	Stepwise impairment of neural stem cell proliferation and neurogenesis concomitant with disruption of blood-brain barrier in recurrent ischemic stroke. <i>Neurobiology of Disease</i> , 2018, 115, 49-58.	4.4	17
44	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. <i>Chemical Reviews</i> , 2018, 118, 9152-9232.	47.7	253
45	Serglycin promotes breast cancer cell aggressiveness: Induction of epithelial to mesenchymal transition, proteolytic activity and IL-8 signaling. <i>Matrix Biology</i> , 2018, 74, 35-51.	3.6	53
46	Analysis of Progranulin-Mediated Akt and MAPK Activation. <i>Methods in Molecular Biology</i> , 2018, 1806, 121-130.	0.9	7
47	Endorepellin remodels the endothelial transcriptome toward a pro-autophagic and pro-mitophagic gene signature. <i>Journal of Biological Chemistry</i> , 2018, 293, 12137-12148.	3.4	19
48	Metabolic reprogramming of murine cardiomyocytes during autophagy requires the extracellular nutrient sensor decorin. <i>Journal of Biological Chemistry</i> , 2018, 293, 16940-16950.	3.4	19
49	Src, Insulin-Like Growth Factor I Receptor, Protein-Coupled Receptor Kinases and Focal Adhesion Kinase are Enriched Into Prostate Cancer Cell Exosomes. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 66-73.	2.6	74
50	Forced exercise-induced osteoarthritis is attenuated in mice lacking the small leucine-rich proteoglycan decorin. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 442-449.	0.9	42
51	Decorin-inducible Peg3 Evokes Beclin 1-mediated Autophagy and Thrombospondin 1-mediated Angiostasis. <i>Journal of Biological Chemistry</i> , 2017, 292, 5055-5069.	3.4	55
52	The perlecan-interacting growth factor progranulin regulates ubiquitination, sorting, and lysosomal degradation of sortilin. <i>Matrix Biology</i> , 2017, 64, 27-39.	3.6	26
53	The angiostatic molecule Multimerin 2 is processed by MMP-9 to allow sprouting angiogenesis. <i>Matrix Biology</i> , 2017, 64, 40-53.	3.6	61
54	Steroid Hormones Are Key Modulators of Tissue Mechanical Function via Regulation of Collagen and Elastic Fibers. <i>Endocrinology</i> , 2017, 158, 950-962.	2.8	63

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55	The nature and biology of basement membranes. <i>Matrix Biology</i> , 2017, 57-58, 1-11.	3.6	400
56	Dissecting the CD93-Multimerin 2 interaction involved in cell adhesion and migration of the activated endothelium. <i>Matrix Biology</i> , 2017, 64, 112-127.	3.6	59
57	Decorin and biglycan are necessary for maintaining collagen fibril structure, fiber realignment, and mechanical properties of mature tendons. <i>Matrix Biology</i> , 2017, 64, 81-93.	3.6	159
58	Decorin-evoked paternally expressed gene 3 (PEG3) is an upstream regulator of the transcription factor EB (TFEB) in endothelial cell autophagy. <i>Journal of Biological Chemistry</i> , 2017, 292, 16211-16220.	3.4	41
59	Proteoglycan neofunctions: regulation of inflammation and autophagy in cancer biology. <i>FEBS Journal</i> , 2017, 284, 10-26.	4.7	129
60	A novel biological function of soluble biglycan: Induction of erythropoietin production and polycythemia. <i>Glycoconjugate Journal</i> , 2017, 34, 393-404.	2.7	21
61	A current view of perlecan in physiology and pathology: A mosaic of functions. <i>Matrix Biology</i> , 2017, 57-58, 285-298.	3.6	148
62	Mechanisms of Progranulin Action and Regulation in Genitourinary Cancers. <i>Frontiers in Endocrinology</i> , 2016, 7, 100.	3.5	19
63	Oncogenic activin C interacts with decorin in colorectal cancer in vivo and in vitro. <i>Molecular Carcinogenesis</i> , 2016, 55, 1786-1795.	2.7	16
64	EphA2 is a functional receptor for the growth factor progranulin. <i>Journal of Cell Biology</i> , 2016, 215, 687-703.	5.2	111
65	Decorin interacting network: A comprehensive analysis of decorin-binding partners and their versatile functions. <i>Matrix Biology</i> , 2016, 55, 7-21.	3.6	165
66	Endorepellin-evoked Autophagy Contributes to Angiostasis. <i>Journal of Biological Chemistry</i> , 2016, 291, 19245-19256.	3.4	39
67	Î±vÎ²6 Integrin Promotes Castrate-Resistant Prostate Cancer through JNK1-Mediated Activation of Androgen Receptor. <i>Cancer Research</i> , 2016, 76, 5163-5174.	0.9	32
68	Glycoproteomics Reveals Decorin Peptides With Anti-Myostatin Activity in Human Atrial Fibrillation. <i>Circulation</i> , 2016, 134, 817-832.	1.6	43
69	Bimodal role of NADPH oxidases in the regulation of biglycan-triggered IL-1Î² synthesis. <i>Matrix Biology</i> , 2016, 49, 61-81.	3.6	49
70	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
71	An Essential Role for SHARPIN in the Regulation of Caspase 1 Activity in Sepsis. <i>American Journal of Pathology</i> , 2016, 186, 1206-1220.	3.8	28
72	Endostatin and endorepellin: A common route of action for similar angiostatic cancer avengers. <i>Advanced Drug Delivery Reviews</i> , 2016, 97, 156-173.	13.7	98

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73	Decorin as a multivalent therapeutic agent against cancer. <i>Advanced Drug Delivery Reviews</i> , 2016, 97, 174-185.	13.7	101
74	Suppression of progranulin expression inhibits bladder cancer growth and sensitizes cancer cells to cisplatin. <i>Oncotarget</i> , 2016, 7, 39980-39995.	1.8	26
75	Proteoglycans regulate autophagy via outside-in signaling: an emerging new concept. <i>Matrix Biology</i> , 2015, 48, 6-13.	3.6	58
76	Compensatory fetal membrane mechanisms between biglycan and decorin in inflammation. <i>Molecular Reproduction and Development</i> , 2015, 82, 387-396.	2.0	10
77	Decorin is an autophagy-inducible proteoglycan and is required for proper in vivo autophagy. <i>Matrix Biology</i> , 2015, 48, 14-25.	3.6	66
78	The systemic delivery of an oncolytic adenovirus expressing decorin inhibits bone metastasis in a mouse model of human prostate cancer. <i>Gene Therapy</i> , 2015, 22, 247-256.	4.5	76
79	The $\alpha 6$ Integrin Is Transferred Intercellularly via Exosomes. <i>Journal of Biological Chemistry</i> , 2015, 290, 4545-4551.	3.4	140
80	Oncosuppressive functions of decorin. <i>Molecular and Cellular Oncology</i> , 2015, 2, e975645.	0.7	55
81	Cosmetics for the matrix: An attractive new style for <i>Matrix Biology</i> . <i>Matrix Biology</i> , 2015, 42, 8-10.	3.6	1
82	Decoding the Matrix: Instructive Roles of Proteoglycan Receptors. <i>Biochemistry</i> , 2015, 54, 4583-4598.	2.5	101
83	Proteoglycan form and function: A comprehensive nomenclature of proteoglycans. <i>Matrix Biology</i> , 2015, 42, 11-55.	3.6	897
84	Insights into the key roles of proteoglycans in breast cancer biology and translational medicine. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1855, 276-300.	7.4	96
85	Sortilin Regulates Progranulin Action in Castration-Resistant Prostate Cancer Cells. <i>Endocrinology</i> , 2015, 156, 58-70.	2.8	38
86	The role of perlecan and endorepellin in the control of tumor angiogenesis and endothelial cell autophagy. <i>Connective Tissue Research</i> , 2015, 56, 381-391.	2.3	52
87	Systemic Delivery of an Oncolytic Adenovirus Expressing Decorin for the Treatment of Breast Cancer Bone Metastases. <i>Human Gene Therapy</i> , 2015, 26, 813-825.	2.7	63
88	Deficiency of decorin induces expression of $Foxp3$ in $CD4^{+}CD25^{+}T$ cells in a murine model of allergic asthma. <i>Respirology</i> , 2015, 20, 904-911.	2.3	13
89	Achilles tendons from decorin- and biglycan-null mouse models have inferior mechanical and structural properties predicted by an image-based empirical damage model. <i>Journal of Biomechanics</i> , 2015, 48, 2110-2115.	2.1	42
90	Novel cross-talk between IGF-IR and DDR1 regulates IGF-IR trafficking, signaling and biological responses. <i>Oncotarget</i> , 2015, 6, 16084-16105.	1.8	57

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91	A novel role for drebrin in regulating progranulin bioactivity in bladder cancer. <i>Oncotarget</i> , 2015, 6, 10825-10839.	1.8	44
92	Decorin Induces Mitophagy in Breast Carcinoma Cells via Peroxisome Proliferator-activated Receptor β Coactivator-1 α (PGC-1 α) and Mitostatin. <i>Journal of Biological Chemistry</i> , 2014, 289, 4952-4968.	3.4	74
93	Ligand-Mediated Endocytosis and Trafficking of the Insulin-Like Growth Factor Receptor I and Insulin Receptor Modulate Receptor Function. <i>Frontiers in Endocrinology</i> , 2014, 5, 220.	3.5	35
94	Endorepellin Evokes Autophagy in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 16114-16128.	3.4	73
95	Decorin deficiency promotes hepatic carcinogenesis. <i>Matrix Biology</i> , 2014, 35, 194-205.	3.6	71
96	Biglycan and decorin differentially regulate signaling in the fetal membranes. <i>Matrix Biology</i> , 2014, 35, 266-275.	3.6	36
97	Decorin differentially modulates the activity of insulin receptor isoform A ligands. <i>Matrix Biology</i> , 2014, 35, 82-90.	3.6	47
98	Key roles for the small leucine-rich proteoglycans in renal and pulmonary pathophysiology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2460-2470.	2.4	54
99	The Tendon Injury Response is Influenced by Decorin and Biglycan. <i>Annals of Biomedical Engineering</i> , 2014, 42, 619-630.	2.5	66
100	FOXD1 promotes nephron progenitor differentiation by repressing decorin in the embryonic kidney. <i>Development (Cambridge)</i> , 2014, 141, 17-27.	2.5	130
101	Instructive Roles of Extracellular Matrix on Autophagy. <i>American Journal of Pathology</i> , 2014, 184, 2146-2153.	3.8	94
102	Cell-matrix interactions: focus on proteoglycan-proteinase interplay and pharmacological targeting in cancer. <i>FEBS Journal</i> , 2014, 281, 5023-5042.	4.7	80
103	Soluble biglycan as a biomarker of inflammatory renal diseases. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 223-235.	2.8	68
104	Decorin activates AMPK, an energy sensor kinase, to induce autophagy in endothelial cells. <i>Matrix Biology</i> , 2014, 34, 46-54.	3.6	83
105	De novo expression of circulating biglycan evokes an innate inflammatory tissue response via MyD88/TRIF pathways. <i>Matrix Biology</i> , 2014, 35, 132-142.	3.6	85
106	Reprint of: Decorin activates AMPK, an energy sensor kinase, to induce autophagy in endothelial cells. <i>Matrix Biology</i> , 2014, 35, 42-50.	3.6	13
107	Biglycan-triggered TLR-2- and TLR-4-signaling exacerbates the pathophysiology of ischemic acute kidney injury. <i>Matrix Biology</i> , 2014, 35, 143-151.	3.6	115
108	Osteoblastic cell secretome: A novel role for progranulin during risedronate treatment. <i>Bone</i> , 2014, 58, 81-91.	2.9	14

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109	The injury response of aged tendons in the absence of biglycan and decorin. <i>Matrix Biology</i> , 2014, 35, 232-238.	3.6	73
110	A decorin-deficient matrix affects skin chondroitin/dermatan sulfate levels and keratinocyte function. <i>Matrix Biology</i> , 2014, 35, 91-102.	3.6	32
111	The role of vascular-derived perlecan in modulating cell adhesion, proliferation and growth factor signaling. <i>Matrix Biology</i> , 2014, 35, 112-122.	3.6	105
112	Dichotomy of decorin activity on the insulin-like growth factor system. <i>FEBS Journal</i> , 2013, 280, 2138-2149.	4.7	55
113	Biological interplay between proteoglycans and their innate immune receptors in inflammation. <i>FEBS Journal</i> , 2013, 280, 2165-2179.	4.7	214
114	Decorin expression is important for age-related changes in tendon structure and mechanical properties. <i>Matrix Biology</i> , 2013, 32, 3-13.	3.6	169
115	Intracellularly-Retained Decorin Lacking the C-Terminal Ear Repeat Causes ER Stress. <i>American Journal of Pathology</i> , 2013, 183, 247-256.	3.8	27
116	The location-specific role of proteoglycans in the flexor carpi ulnaris tendon. <i>Connective Tissue Research</i> , 2013, 54, 367-373.	2.3	9
117	Decorin induces rapid secretion of thrombospondin in basal breast carcinoma cells via inhibition of <i>ras</i> homolog gene family, member <i>RhoA</i> -associated coiled-coil containing protein kinase 1. <i>FEBS Journal</i> , 2013, 280, 2353-2368.	4.7	45
118	Heparanase: Multiple functions in inflammation, diabetes and atherosclerosis. <i>Matrix Biology</i> , 2013, 32, 220-222.	3.6	53
119	Decorin interferes with platelet-derived growth factor receptor signaling in experimental hepatocarcinogenesis. <i>FEBS Journal</i> , 2013, 280, 2150-2164.	4.7	50
120	Endorepellin laminin-like globular 1/2 domains bind Ig3 of vascular endothelial growth factor (<i>VEGF</i>) receptor 2 and block pro-angiogenic signaling by <i>VEGFA</i> in endothelial cells. <i>FEBS Journal</i> , 2013, 280, 2271-2284.	4.7	46
121	Effect of Age and Proteoglycan Deficiency on Collagen Fiber Re-Alignment and Mechanical Properties in Mouse Supraspinatus Tendon. <i>Journal of Biomechanical Engineering</i> , 2013, 135, 021019.	1.3	73
122	Decorin has an appetite for endothelial cell autophagy. <i>Autophagy</i> , 2013, 9, 1626-1628.	9.1	43
123	Decorin causes autophagy in endothelial cells via Peg3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2582-91.	7.1	165
124	Mast Cells Produce Novel Shorter Forms of Perlecan That Contain Functional Endorepellin. <i>Journal of Biological Chemistry</i> , 2013, 288, 3289-3304.	3.4	58
125	Decorin Potentiates Interferon- γ Activity in a Model of Allergic Inflammation. <i>Journal of Biological Chemistry</i> , 2013, 288, 12699-12711.	3.4	28
126	3.5 Small leucine-rich proteoglycans: multifunctional signaling effectors. , 2012, , 185-196.		7

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127	Decorin-mediated inhibition of colorectal cancer growth and migration is associated with E-cadherin in vitro and in mice. <i>Carcinogenesis</i> , 2012, 33, 326-330.	2.8	109
128	Influence of Decorin on the Mechanical, Compositional, and Structural Properties of the Mouse Patellar Tendon. <i>Journal of Biomechanical Engineering</i> , 2012, 134, 031005.	1.3	77
129	Insulin and Insulin-like Growth Factor II Differentially Regulate Endocytic Sorting and Stability of Insulin Receptor Isoform A. <i>Journal of Biological Chemistry</i> , 2012, 287, 11422-11436.	3.4	76
130	The Biology of Small Leucine-rich Proteoglycans in Bone Pathophysiology. <i>Journal of Biological Chemistry</i> , 2012, 287, 33926-33933.	3.4	130
131	Decorinâ€™TGFÎ² Axis in Hepatic Fibrosis and Cirrhosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 262-268.	2.5	142
132	Decorin Antagonizes the Angiogenic Network. <i>Journal of Biological Chemistry</i> , 2012, 287, 5492-5506.	3.4	146
133	Decorin. <i>American Journal of Pathology</i> , 2012, 181, 380-387.	3.8	244
134	Thrombospondins in physiology and disease: New tricks for old dogs. <i>Matrix Biology</i> , 2012, 31, 152-154.	3.6	47
135	Small leucine-rich proteoglycans, at the crossroad of cancer growth and inflammation. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 56-57.	3.3	79
136	Endorepellin Affects Angiogenesis by Antagonizing Diverse Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)-evoked Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 43543-43556.	3.4	69
137	Targeting heparanase for cancer therapy at the tumorâ€™matrix interface. <i>Matrix Biology</i> , 2012, 31, 283-284.	3.6	26
138	Proline-Rich Tyrosine Kinase 2 (Pyk2) Regulates IGF-I-Induced Cell Motility and Invasion of Urothelial Carcinoma Cells. <i>PLoS ONE</i> , 2012, 7, e40148.	2.5	22
139	Decorin Protein Core Affects the Global Gene Expression Profile of the Tumor Microenvironment in a Triple-Negative Orthotopic Breast Carcinoma Xenograft Model. <i>PLoS ONE</i> , 2012, 7, e45559.	2.5	77
140	The Dermatan Sulfate Proteoglycan Decorin Modulates Î±2Î²1 Integrin and the Vimentin Intermediate Filament System during Collagen Synthesis. <i>PLoS ONE</i> , 2012, 7, e50809.	2.5	21
141	3.4 The biology of perlecan and its bioactive modules. , 2012, , 171-184.		4
142	The canonical Wnt pathway shapes niches supportive of hematopoietic stem/progenitor cells. <i>Blood</i> , 2012, 119, 1683-1692.	1.4	85
143	Small leucine-rich proteoglycans orchestrate receptor crosstalk during inflammation. <i>Cell Cycle</i> , 2012, 11, 2084-2091.	2.6	142
144	Uterine Dysfunction in Biglycan and Decorin Deficient Mice Leads to Dystocia during Parturition. <i>PLoS ONE</i> , 2012, 7, e29627.	2.5	18

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145	Small Leucine-Rich Proteoglycans. , 2011, , 197-231.		23
146	Pathophysiological Mechanisms of Autosomal Dominant Congenital Stromal Corneal Dystrophy. American Journal of Pathology, 2011, 179, 2409-2419.	3.8	37
147	Signaling by the Matrix Proteoglycan Decorin Controls Inflammation and Cancer Through PDCD4 and MicroRNA-21. Science Signaling, 2011, 4, ra75.	3.6	283
148	Influence of Decorin and Biglycan on Tensile Viscoelastic Properties in Knockout Mice. , 2011, , .		0
149	Ablation of the decorin gene enhances experimental hepatic fibrosis and impairs hepatic healing in mice. Laboratory Investigation, 2011, 91, 439-451.	3.7	85
150	Proteoglycans in cancer biology, tumour microenvironment and angiogenesis. Journal of Cellular and Molecular Medicine, 2011, 15, 1013-1031.	3.6	484
151	Autophagic tumor stroma: A biofuel for cancer growth. Cell Cycle, 2011, 10, 3231-3231.	2.6	7
152	A mouse model of spontaneous preterm birth based on the genetic ablation of biglycan and decorin. Reproduction, 2011, 142, 183-194.	2.6	32
153	The Role for Decorin in Delayed-Type Hypersensitivity. Journal of Immunology, 2011, 187, 6108-6119.	0.8	46
154	Scleroderma-like properties of skin from caveolin-1-deficient mice. Cell Cycle, 2011, 10, 2140-2150.	2.6	58
155	Endorepellin, the Angiostatic Module of Perlecan, Interacts with Both the $\alpha_2\beta_1$ Integrin and Vascular Endothelial Growth Factor Receptor 2 (VEGFR2). Journal of Biological Chemistry, 2011, 286, 25947-25962.	3.4	101
156	Decorin Antagonizes IGF Receptor I (IGF-IR) Function by Interfering with IGF-IR Activity and Attenuating Downstream Signaling. Journal of Biological Chemistry, 2011, 286, 34712-34721.	3.4	127
157	A role for decorin in a murine model of allergen-induced asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L863-L873.	2.9	31
158	Caveolin-1 and mitochondrial SOD2 (MnSOD) function as tumor suppressors in the stromal microenvironment. Cancer Biology and Therapy, 2011, 11, 383-394.	3.4	122
159	Mitostatin Is Down-Regulated in Human Prostate Cancer and Suppresses the Invasive Phenotype of Prostate Cancer Cells. PLoS ONE, 2011, 6, e19771.	2.5	22
160	Collagen fibril organization in the pregnant endometrium of decorin-deficient mice. Journal of Anatomy, 2010, 216, 144-155.	1.5	25
161	Proteoglycans in health and disease: emerging concepts and future directions. FEBS Journal, 2010, 277, 3863-3863.	4.7	45
162	Proteoglycans in health and disease: novel regulatory signaling mechanisms evoked by the small leucine-rich proteoglycans. FEBS Journal, 2010, 277, 3864-3875.	4.7	243

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