Thomas Neill

List of Publications by Year
in descending order

42 papers	7,667 citations	172207 29 h-index	264894 42 g-index
42 all docs	42 docs citations	42 times ranked	17051 citing authors

#	Article	IF	Citations
1	The Role of Decorin Proteoglycan in Mitophagy. Cancers, 2022, 14, 804.	1.7	8
2	Oncosuppressive roles of decorin through regulation of multiple receptors and diverse signaling pathways. American Journal of Physiology - Cell Physiology, 2022, 322, C554-C566.	2.1	14
3	miR-21 Plays a Dual Role in Tumor Formation and Cytotoxic Response in Breast Tumors. Cancers, 2021, 13, 888.	1.7	20
4	A functional outside-in signaling network of proteoglycans and matrix molecules regulating autophagy. Matrix Biology, 2021, 100-101, 118-149.	1.5	18
5	Complexity of matrix phenotypes. Matrix Biology Plus, 2020, 6-7, 100038.	1.9	20
6	Progranulin/EphA2 axis: A novel oncogenic mechanism in bladder cancer. Matrix Biology, 2020, 93, 10-24.	1.5	25
7	Catabolic degradation of endothelial VEGFA via autophagy. Journal of Biological Chemistry, 2020, 295, 6064-6079.	1.6	22
8	Proteoglycan-driven Autophagy: A Nutrient-independent Mechanism to Control Intracellular Catabolism. Journal of Histochemistry and Cytochemistry, 2020, 68, 733-746.	1.3	15
9	Discoidin Domain Receptor 1 functionally interacts with the IGF-I system in bladder cancer. Matrix Biology Plus, 2020, 6-7, 100022.	1.9	7
10	Matrix modeling and remodeling: A biological interplay regulating tissue homeostasis and diseases. Matrix Biology, 2019, 75-76, 1-11.	1.5	184
11	Decorin is a devouring proteoglycan: Remodeling of intracellular catabolism via autophagy and mitophagy. Matrix Biology, 2019, 75-76, 260-270.	1.5	63
12	Tumor-suppressive functions of 4-MU on breast cancer cells of different ER status: Regulation of hyaluronan/HAS2/CD44 and specific matrix effectors. Matrix Biology, 2019, 78-79, 118-138.	1.5	61
13	Extracellular matrix: the gatekeeper of tumor angiogenesis. Biochemical Society Transactions, 2019, 47, 1543-1555.	1.6	34
14	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. Chemical Reviews, 2018, 118, 9152-9232.	23.0	253
15	Endorepellin remodels the endothelial transcriptome toward a pro-autophagic and pro-mitophagic gene signature. Journal of Biological Chemistry, 2018, 293, 12137-12148.	1.6	19
16	The perlecan-interacting growth factor progranulin regulates ubiquitination, sorting, and lysosomal degradation of sortilin. Matrix Biology, 2017, 64, 27-39.	1.5	26
17	Decorin-evoked paternally expressed gene 3 (PEG3) is an upstream regulator of the transcription factor EB (TFEB) in endothelial cell autophagy. Journal of Biological Chemistry, 2017, 292, 16211-16220.	1.6	41
18	A current view of perlecan in physiology and pathology: A mosaic of functions. Matrix Biology, 2017, 57-58, 285-298.	1.5	148

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19	EphA2 is a functional receptor for the growth factor progranulin. Journal of Cell Biology, 2016, 215, 687-703.	2.3	111
20	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
21	Decorin as a multivalent therapeutic agent against cancer. Advanced Drug Delivery Reviews, 2016, 97, 174-185.	6.6	101
22	Decorin is an autophagy-inducible proteoglycan and is required for proper in vivo autophagy. Matrix Biology, 2015, 48, 14-25.	1.5	66
23	Oncosuppressive functions of decorin. Molecular and Cellular Oncology, 2015, 2, e975645.	0.3	55
24	Cosmetics for the matrix: An attractive new style for Matrix Biology. Matrix Biology, 2015, 42, 8-10.	1.5	1
25	Decoding the Matrix: Instructive Roles of Proteoglycan Receptors. Biochemistry, 2015, 54, 4583-4598.	1.2	101
26	Insights into the key roles of proteoglycans in breast cancer biology and translational medicine. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1855, 276-300.	3.3	96
27	Systemic Delivery of an Oncolytic Adenovirus Expressing Decorin for the Treatment of Breast Cancer Bone Metastases. Human Gene Therapy, 2015, 26, 813-825.	1.4	63
28	Decorin Induces Mitophagy in Breast Carcinoma Cells via Peroxisome Proliferator-activated Receptor Î³ Coactivator-1Î± (PGC-1Î±) and Mitostatin. Journal of Biological Chemistry, 2014, 289, 4952-4968.	1.6	74
29	Endorepellin Evokes Autophagy in Endothelial Cells. Journal of Biological Chemistry, 2014, 289, 16114-16128.	1.6	73
30	Instructive Roles of Extracellular Matrix on Autophagy. American Journal of Pathology, 2014, 184, 2146-2153.	1.9	94
31	Decorin activates AMPK, an energy sensor kinase, to induce autophagy in endothelial cells. Matrix Biology, 2014, 34, 46-54.	1.5	83
32	Reprint of: Decorin activates AMPK, an energy sensor kinase, to induce autophagy in endothelial cells. Matrix Biology, 2014, 35, 42-50.	1.5	13
33	Dichotomy of decorin activity on the insulinâ€like growth factorâ€1 system. FEBS Journal, 2013, 280, 2138-2149.	2.2	55
34	Decorin induces rapid secretion of thrombospondinâ€1 in basal breast carcinoma cells via inhibition of <scp>R</scp>as homolog gene family, memberÂA/<scp>R</scp>hoâ€associated coiledâ€coil containing protein kinaseÂ1. FEBS Journal, 2013, 280, 2353-2368.	2.2	45
35	Decorin has an appetite for endothelial cell autophagy. Autophagy, 2013, 9, 1626-1628.	4.3	43
36	Decorin causes autophagy in endothelial cells via Peg3. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2582-91.	3.3	165

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37	Decorin Antagonizes the Angiogenic Network. Journal of Biological Chemistry, 2012, 287, 5492-5506.	1.6	146
38	Decorin. American Journal of Pathology, 2012, 181, 380-387.	1.9	244
39	Endorepellin Affects Angiogenesis by Antagonizing Diverse Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)-evoked Signaling Pathways. Journal of Biological Chemistry, 2012, 287, 43543-43556.	1.6	69
40	Decorin Protein Core Affects the Global Gene Expression Profile of the Tumor Microenvironment in a Triple-Negative Orthotopic Breast Carcinoma Xenograft Model. PLoS ONE, 2012, 7, e45559.	1.1	77
41	Endorepellin, the Angiostatic Module of Perlecan, Interacts with Both the Î±2Î²1 Integrin and Vascular Endothelial Growth Factor Receptor 2 (VEGFR2). Journal of Biological Chemistry, 2011, 286, 25947-25962.	1.6	101
42	Decorin Antagonizes Met Receptor Activity and Down-regulates Î²-Catenin and Myc Levels. Journal of Biological Chemistry, 2010, 285, 42075-42085.	1.6	112