Kevin John McCarthy

List of Publications by Year
in descending order

26	798	623734	642732
papers	citations	14 h-index	23 g-index

26	26	26	934
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutations in PPIB (cyclophilin B) delay type I procollagen chain association and result in perinatal lethal to moderate osteogenesis imperfecta phenotypes. Human Molecular Genetics, 2011, 20, 1595-1609.	2.9	118
2	Troglitazone halts diabetic glomerulosclerosis by blockade of mesangial expansion. Kidney International, 2000, 58, 2341-2350.	5.2	94
3	Loss of heparan sulfate glycosaminoglycan assembly in podocytes does not lead to proteinuria. Kidney International, 2008, 74, 289-299.	5.2	83
4	Distribution of Two Basement Membrane Proteoglycans Through Hair Follicle Development and the Hair Growth Cycle in the Rat. Journal of Investigative Dermatology, 1990, 94, 65-70.	0.7	71
5	Cardiac-specific inactivation of LPP3 in mice leads to myocardial dysfunction and heart failure. Redox Biology, 2018, 14, 261-271.	9.0	63
6	Molecular Characterization of a Novel Basement Membrane-associated Proteoglycan, Leprecan. Journal of Biological Chemistry, 1999, 274, 25004-25017.	3.4	54
7	Troglitazone suppresses the secretion of type I collagen by mesangial cells in vitro. Kidney International, 2002, 61, 1365-1376.	5.2	54
8	SOD2 deficiency in cardiomyocytes defines defective mitochondrial bioenergetics as a cause of lethal dilated cardiomyopathy. Redox Biology, 2020, 37, 101740.	9.0	49
9	Immunohistochemical Localization of Chondroitin Sulfate, Chondroitin Sulfate Proteoglycan, Heparan Sulfate Proteoglycan, Entactin, and Laminin in Basement Membranes of Postnatal Developing and Adult Rat Lungs. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 245-251.	2.9	43
10	Rat mesangial cells in vitro synthesize a spectrum of proteoglycan species including those of the basement membrane and interstitium. Kidney International, 1995, 48, 1278-1289.	5.2	27
11	The Glomerular Basement Membrane as a Model System to Study the Bioactivity of Heparan Sulfate Glycosaminoglycans. Microscopy and Microanalysis, 2012, 18, 3-21.	0.4	22
12	The Basement Membrane Proteoglycans Perlecan and Agrin. Current Topics in Membranes, 2015, 76, 255-303.	0.9	22
13	Podocyte-specific deletion of NDST1, a key enzyme in the sulfation of heparan sulfate glycosaminoglycans, leads to abnormalities in podocyte organization in vivo. Kidney International, 2014, 85, 307-318.	5.2	19
14	Gap junctions in human synovial cells and tissue. Journal of Cellular Physiology, 2000, 184, 110-117.	4.1	15
15	p62 Pathology Model in the Rat Substantia Nigra with Filamentous Inclusions and Progressive Neurodegeneration. PLoS ONE, 2017, 12, e0169291.	2.5	15
16	Cadmium toxicity to the cornea of pregnant rats: Electron microscopy and x-ray microanalysis. The Anatomical Record, 1990, 227, 138-143.	1.8	13
17	Morphogenesis of the glomerular filter: The synchronous assembly and maturation of two distinct extracellular matrices. , 1997, 39, 233-253.		9
18	N-sulfation of heparan sulfate is critical for syndecan-4-mediated podocyte cell-matrix interactions. American Journal of Physiology - Renal Physiology, 2016, 310, F1123-F1135.	2.7	9

#	Article	IF	Citations
19	Basement membrane chondroitin sulfate proteoglycan and vascularization of the developing mammalian limb bud. Journal of Hand Surgery, 2000, 25, 150-158.	1.6	7
20	Immunological and molecular approaches to the study of basement membrane proteoglycan diversity. Biochemical Society Transactions, 1990, 18, 819-820.	3.4	3
21	Comparison of osmium/sonication and edta/sonication microdissection techniques in exposing the adepithelial basal lamina surface of developing rat colon. Journal of Electron Microscopy Technique, 1990, 14, 367-372.	1.1	3
22	Introductionâ€"Basement membranes: From the matrisome to beyond. Microscopy Research and Technique, 2008, 71, 335-338.	2.2	2
23	Syndecan-4: major player or innocent bystander of the endothelial glycocalyx?. Kidney International, 2020, 97, 858-860.	5.2	2
24	In Vitro Matrix Assembly Induced by Critical Assembly Concentration (CAC). Journal of Histochemistry and Cytochemistry, 2002, 50, 1537-1541.	2.5	1
25	Lack of Nâ€Sulfation of Podocyte Cell Surface Heparan Sulfate Glycosaminoglycans Leads to Abnormalities in Podocyte Organization, Adhesion, and Migration. FASEB Journal, 2012, 26, 906.1.	0.5	0
26	Digital Anatomy Satisfaction Survey Protocol. FASEB Journal, 2019, 33, 444.35.	0.5	0