

Toshitaka Oohashi

List of Publications by Year in descending order

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papers

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136950

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docs citations

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times ranked

4463
citing authors

#	ARTICLE	IF	CITATIONS
1	Imatinib has minimal effects on inflammatory and osteopenic phenotypes in a murine cherubism model. <i>Oral Diseases</i> , 2023, 29, 1089-1101.	3.0	2
2	Lack of collagen $\alpha 1(\text{IV})$ chain in mice does not cause severe-to-profound hearing loss or cochlear malformation, a distinct phenotype from nonsyndromic hearing loss with COL4A6 missense mutation. <i>PLoS ONE</i> , 2021, 16, e0249909.	2.5	1
3	Assessment of Possible Contributions of Hyaluronan and Proteoglycan Binding Link Protein 4 to Differential Perineuronal Net Formation at the Calyx of Held. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 730550.	3.7	7
4	Suppression of Bone Necrosis around Tooth Extraction Socket in a MRONJ-like Mouse Model by E-rhBMP-2 Containing Artificial Bone Graft Administration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12823.	4.1	1
5	The Effect of Hapln4 Link Protein Deficiency on Extracellular Space Diffusion Parameters and Perineuronal Nets in the Auditory System During Aging. <i>Neurochemical Research</i> , 2020, 45, 68-82.	3.3	12
6	Distinct Osteogenic Potentials of BMP-2 and FGF-2 in Extramedullary and Medullary Microenvironments. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7967.	4.1	11
7	BMP-2/ $\beta 2$ -TCP Local Delivery for Bone Regeneration in MRONJ-Like Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7028.	4.1	16
8	Mechanical strain attenuates cytokine-induced ADAMTS9 expression via transient receptor potential vanilloid type 1. <i>Experimental Cell Research</i> , 2019, 383, 111556.	2.6	13
9	Postnatal Runx2 deletion leads to low bone mass and adipocyte accumulation in mice bone tissues. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 1229-1233.	2.1	22
10	The roles of perineuronal nets and the perinodal extracellular matrix in neuronal function. <i>Nature Reviews Neuroscience</i> , 2019, 20, 451-465.	10.2	320
11	Type XVIII Collagen Modulates Keratohyalin Granule Formation and Keratinization in Oral Mucosa. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4739.	4.1	5
12	Inhibition of the glutamine transporter SNAT1 confers neuroprotection in mice by modulating the mTOR-autophagy system. <i>Communications Biology</i> , 2019, 2, 346.	4.4	26
13	DNA Methylation-Based Regulation of Human Bone Marrow-Derived Mesenchymal Stem/Progenitor Cell Chondrogenic Differentiation. <i>Cells Tissues Organs</i> , 2019, 207, 115-126.	2.3	8
14	Acidic Pre-Conditioning Enhances the Stem Cell Phenotype of Human Bone Marrow Stem/Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1097.	4.1	28
15	Bone Marrow Cells Inhibit BMP-2-Induced Osteoblast Activity in the Marrow Environment. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 327-332.	2.8	10
16	Unripe peach (<i>Prunus persica</i>) extract ameliorates damage from UV irradiation and improved collagen XVIII expression in 3D skin model. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1507-1515.	1.6	7
17	Under the ECM Dome: The Physiological Role of the Perinodal Extracellular Matrix as an Ion Diffusion Barrier. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1190, 107-122.	1.6	5
18	Collagen XVIII Deposition in the Basement Membrane Zone beneath the Newly Forming Epidermis during Wound Healing in Mice. <i>Acta Medica Okayama</i> , 2019, 73, 135-146.	0.2	5

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19	Type IV collagen $\alpha 6$ chain is a regulator of keratin 10 in keratinization of oral mucosal epithelium. <i>Scientific Reports</i> , 2018, 8, 2612.	3.3	18
20	A deficiency of the link protein Bral2 affects the size of the extracellular space in the thalamus of aged mice. <i>Journal of Neuroscience Research</i> , 2018, 96, 313-327.	2.9	13
21	Physiological role of urothelial cancer-associated one long noncoding RNA in human skeletogenic cell differentiation. <i>Journal of Cellular Physiology</i> , 2018, 233, 4825-4840.	4.1	13
22	High molecular weight hyaluronan protects cartilage from degradation by inhibiting aggrecanase expression. <i>Journal of Orthopaedic Research</i> , 2018, 36, 3247-3255.	2.3	12
23	Hapln4/Bral2 is a selective regulator for formation and transmission of GABAergic synapses between Purkinje and deep cerebellar nuclei neurons. <i>Journal of Neurochemistry</i> , 2018, 147, 748-763.	3.9	20
24	Host-produced ADAMTS4 Inhibits Early-Stage Tumor Growth. <i>Acta Medica Okayama</i> , 2018, 72, 257-266.	0.2	3
25	Stromal Versican Regulates Tumor Growth by Promoting Angiogenesis. <i>Scientific Reports</i> , 2017, 7, 17225.	3.3	63
26	Monoclonal Suncus Antibodies: Generation of Fusion Partners to Produce <i>Suncus</i> Hybridomas. <i>Acta Histochemica Et Cytochemica</i> , 2017, 50, 71-84.	1.6	2
27	COL4A6 is dispensable for autosomal recessive Alport syndrome. <i>Scientific Reports</i> , 2016, 6, 29450.	3.3	17
28	CCN4/WISP-1 positively regulates chondrogenesis by controlling TGF- $\beta 3$ function. <i>Bone</i> , 2016, 83, 162-170.	2.9	28
29	Human collagen XV is a prominent histopathological component of sinusoidal capillarization in hepatocellular carcinogenesis. <i>International Journal of Clinical Oncology</i> , 2016, 21, 302-309.	2.2	17
30	Modifications of perineuronal nets and remodelling of excitatory and inhibitory afferents during vestibular compensation in the adult mouse. <i>Brain Structure and Function</i> , 2016, 221, 3193-3209.	2.3	20
31	RXR Partial Agonist Produced by Side Chain Repositioning of Alkoxy RXR Full Agonist Retains Antitype 2 Diabetes Activity without the Adverse Effects. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 912-926.	6.4	18
32	The hyaluronan and proteoglycan link proteins: Organizers of the brain extracellular matrix and key molecules for neuronal function and plasticity. <i>Experimental Neurology</i> , 2015, 274, 134-144.	4.1	96
33	Light and electron microscopic detection of inflammation-targeting liposomes encapsulating high-density colloidal gold in arthritic mice. <i>Inflammation Research</i> , 2014, 63, 139-147.	4.0	4
34	Design, synthesis, and preliminary ex vivo and in vivo evaluation of cationic magnetic resonance contrast agent for rabbit articular cartilage imaging. <i>MedChemComm</i> , 2013, 4, 1508.	3.4	5
35	Three Mechanisms Assemble Central Nervous System Nodes of Ranvier. <i>Neuron</i> , 2013, 78, 469-482.	8.1	151
36	Ten-m2 Is Required for the Generation of Binocular Visual Circuits. <i>Journal of Neuroscience</i> , 2013, 33, 12490-12509.	3.6	63

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37	RXR Partial Agonist CBT-PMN Exerts Therapeutic Effects on Type 2 Diabetes without the Side Effects of RXR Full Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 427-432.	2.8	38
38	Bral2 is indispensable for the proper localization of brevican and the structural integrity of the perineuronal net in the brainstem and cerebellum. <i>Journal of Comparative Neurology</i> , 2012, 520, 1721-1736.	1.6	51
39	Mechanical stretch enhances COL2A1 expression on chromatin by inducing SOX9 nuclear translocation in inner meniscus cells. <i>Journal of Orthopaedic Research</i> , 2012, 30, 468-474.	2.3	42
40	Perinodal ECM - its role in diffusion barrier formation and conduction velocity in the CNS. <i>Okayama Igakkai Zasshi</i> , 2012, 124, 1-4.	0.0	0
41	Clonal overgrowth of esophageal smooth muscle cells in diffuse leiomyomatosis-Alport syndrome caused by partial deletion in COL4A5 and COL4A6 genes. <i>Matrix Biology</i> , 2011, 30, 3-8.	3.6	9
42	Development of an active targeting liposome encapsulated with high-density colloidal gold for transmission electron microscopy. <i>Journal of Electron Microscopy</i> , 2011, 60, 95-99.	0.9	7
43	Neurocan contributes to the molecular heterogeneity of the perinodal ECM. <i>Archives of Histology and Cytology</i> , 2010, 73, 95-102.	0.2	32
44	Bral1: Its Role in Diffusion Barrier Formation and Conduction Velocity in the CNS. <i>Journal of Neuroscience</i> , 2010, 30, 3113-3123.	3.6	102
45	ADAMTS9 activation by interleukin 1 β via NFATc1 in OUMS-27 chondrosarcoma cells and in human chondrocytes. <i>Molecular and Cellular Biochemistry</i> , 2009, 323, 69-79.	3.1	45
46	Brevican distinctively assembles extracellular components at the large diameter nodes of Ranvier in the CNS. <i>Journal of Neurochemistry</i> , 2009, 108, 1266-1276.	3.9	87
47	Molecular Cloning and Developmental Expression of a Hyaluronan and Proteoglycan Link Protein Gene, <i>crtl1/hapln1</i> , in Zebrafish. <i>Zoological Science</i> , 2008, 25, 912-918.	0.7	15
48	Transvascular accumulation of Sialyl Lewis X conjugated liposome in inflamed joints of collagen antibody-induced arthritic (CAIA) mice. <i>Archives of Histology and Cytology</i> , 2008, 71, 195-203.	0.2	22
49	Ten_m3 Regulates Eye-Specific Patterning in the Mammalian Visual Pathway and Is Required for Binocular Vision. <i>PLoS Biology</i> , 2007, 5, e241.	5.6	135
50	ADAMTS-9 is synergistically induced by interleukin-1 β and tumor necrosis factor α in OUMS-27 chondrosarcoma cells and in human chondrocytes. <i>Arthritis and Rheumatism</i> , 2005, 52, 1451-1460.	6.7	94
51	Suppression of chondrosarcoma cells by 15-deoxy- Δ^2 ,14-prostaglandin J2 is associated with altered expression of Bax/Bcl-xL and p21. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 375-382.	2.1	45
52	Dynamic Induction of ADAMTS1 Gene in the Early Phase of Acute Myocardial Infarction. <i>Journal of Biochemistry</i> , 2004, 136, 439-446.	1.7	41
53	Characterization of dermacan, a novel zebrafish lectican gene, expressed in dermal bones. <i>Mechanisms of Development</i> , 2004, 121, 301-312.	1.7	38
54	Cartilage link protein interacts with neurocan, which shows hyaluronan binding characteristics different from CD44 and TSG-6. <i>Matrix Biology</i> , 2004, 22, 629-639.	3.6	37

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55	Lp3/Hapln3, a novel link protein that co-localizes with versican and is coordinately up-regulated by platelet-derived growth factor in arterial smooth muscle cells. <i>Matrix Biology</i> , 2004, 23, 287-298.	3.6	29
56	The murine Ten-m/Odz genes show distinct but overlapping expression patterns during development and in adult brain. <i>Gene Expression Patterns</i> , 2003, 3, 397-405.	0.8	101
57	Molecular cloning of Bral2, a novel brain-specific link protein, and immunohistochemical colocalization with brevican in perineuronal nets. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 148-159.	2.2	104
58	Molecular Cloning of a Novel Transmembrane Protein MOLT Expressed by Mature Oligodendrocytes. <i>Journal of Biochemistry</i> , 2003, 134, 231-238.	1.7	23
59	Vascular Endothelial Growth Factor Principally Acts as the Main Angiogenic Factor in the Early Stage of Human Osteoblastogenesis. <i>Journal of Biochemistry</i> , 2003, 133, 633-639.	1.7	83
60	All Four Members of the Ten-m/Odz Family of Transmembrane Proteins Form Dimers. <i>Journal of Biological Chemistry</i> , 2002, 277, 26128-26135.	3.4	81
61	Bral1, a Brain-Specific Link Protein, Colocalizing with the Versican V2 Isoform at the Nodes of Ranvier in Developing and Adult Mouse Central Nervous Systems. <i>Molecular and Cellular Neurosciences</i> , 2002, 19, 43-57.	2.2	112
62	Neurocan Is Dispensable for Brain Development. <i>Molecular and Cellular Biology</i> , 2001, 21, 5970-5978.	2.3	170
63	Peri-Implantation Lethality in Mice Lacking the Sm Motif-Containing Protein Lsm4. <i>Molecular and Cellular Biology</i> , 2000, 20, 1055-1062.	2.3	5
64	The Brain Link Protein-1 (BRAL1): cDNA Cloning, Genomic Structure, and Characterization as a Novel Link Protein Expressed in Adult Brain. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 982-989.	2.1	64
65	Mouse Ten-m/Odz Is a New Family of Dimeric Type II Transmembrane Proteins Expressed in Many Tissues. <i>Journal of Cell Biology</i> , 1999, 145, 563-577.	5.2	108
66	The Extracellular Matrix in the Mouse Brain. Its Reactions to Endo-Alpha-N-Acetylgalactosaminidase and Certain Other Enzymes.. <i>Archives of Histology and Cytology</i> , 1999, 62, 273-281.	0.2	19
67	Host response to EBV infection in X-linked lymphoproliferative disease results from mutations in an SH2-domain encoding gene. <i>Nature Genetics</i> , 1998, 20, 129-135.	21.4	720
68	Differential expression of type IV collagen isoforms, $\alpha 5(\text{IV})$ and $\alpha 6(\text{IV})$ chains, in basement membranes surrounding smooth muscle cells. <i>Histochemistry and Cell Biology</i> , 1998, 110, 359-366.	1.7	54
69	Two genes, <i>COL4A3</i> and <i>COL4A4</i> coding for the human $\alpha 3(\text{IV})$ and $\alpha 4(\text{IV})$ collagen chains are arranged head-to-head on chromosome 2q36. <i>FEBS Letters</i> , 1998, 424, 11-16.	2.8	45
70	Topoisomerase I and II Consensus Sequences in a 17-kb Deletion Junction of the COL4A5 and COL4A6 Genes and Immunohistochemical Analysis of Esophageal Leiomyomatosis Associated with Alport Syndrome. <i>American Journal of Human Genetics</i> , 1998, 62, 253-261.	6.2	51
71	Expression of Type XVII Collagen .ALPHA.1 Chain mRNA in the Mouse Heart.. <i>International Heart Journal</i> , 1998, 39, 211-220.	0.6	12
72	There Is Temporal and Spatial Expression of $\alpha 1(\text{IV})$, $\alpha 2(\text{IV})$, $\alpha 5(\text{IV})$, $\alpha 6(\text{IV})$ Collagen Chains and $\beta 1$ Integrins During the Development of the Basal Lamina in an <i>In Vitro</i> Skin Model. <i>Journal of Investigative Dermatology</i> , 1997, 109, 527-533.	0.7	44

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73	Differential expression of alpha 1(IV), alpha 2(IV), alpha 5(IV) and alpha 6(IV) collagen chains in the basement membrane of basal cell carcinoma. <i>The Histochemical Journal</i> , 1997, 29, 563-570.	0.6	44
74	Absence of $\alpha 6$ (IV) collagen in kidney and skin of X-linked Alport syndrome patients. <i>Pediatric Nephrology</i> , 1996, 10, 742-744.	1.7	14
75	Establishment by the rat lymph node method of epitope-defined monoclonal antibodies recognizing the six different α chains of human type IV collagen. <i>Histochemistry and Cell Biology</i> , 1995, 104, 267-275.	1.7	207
76	Isolation and Structure of the COL4A6 Gene Encoding the Human $\alpha 6$ (IV) Collagen Chain and Comparison with Other Type IV Collagen Genes. <i>Journal of Biological Chemistry</i> , 1995, 270, 26863-26867.	3.4	18
77	cDNA isolation and partial gene structure of the human $\alpha 4$ (IV) collagen chain. <i>FEBS Letters</i> , 1993, 330, 122-128.	2.8	27