Jean Jiang

List of Publications by Year
in descending order

157 papers	12,216 citations	36299 51 h-index	27402 106 g-index
160 all docs	160 docs citations	160 times ranked	16831 citing authors

#	Article	IF	Citations
1	Studying macrophage activation in immune-privileged lens through CSF-1 protein intravitreal injection in mouse model. STAR Protocols, 2022, 3, 101060.	1.2	0
2	Connexin hemichannels with prostaglandin release in anabolic function of bone to mechanical loading. ELife, 2022, 11, .	6.0	16
3	Beyond the Channels: Adhesion Functions of Aquaporin 0 and Connexin 50 in Lens Development. Frontiers in Cell and Developmental Biology, 2022, 10, 866980.	3.7	5
4	Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. Immunity, 2022, 55, 862-878.e8.	14.3	24
5	Connexin 43 Hemichannels Regulate Osteoblast to Osteocyte Differentiation. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	10
6	Engineering Functional Vascularized Beige Adipose Tissue from Microvascular Fragments of Models of Healthy and Type II Diabetes Conditions. Journal of Tissue Engineering, 2022, 13, 204173142211093.	5.5	7
7	Osteocytes regulate bone anabolic response to mechanical loading in male mice via activation of integrin Î±5. Bone Research, 2022, 10, .	11.4	12
8	Characterization of Microstructural Changes on Biglycan Induced Mice Bone by Low-Field Nuclear Magnetic Resonance. , 2021, 4, 58.		0
9	Osteocytic Connexin43 Channels Regulate Boneâ€"Muscle Crosstalk. Cells, 2021, 10, 237.	4.1	8
10	Connexin Gap Junctions and Hemichannels Link Oxidative Stress to Skeletal Physiology and Pathology. Current Osteoporosis Reports, 2021, 19, 66-74.	3.6	28
11	Mechanotransduction via the coordinated actions of integrins, PI3K signaling and Connexin hemichannels. Bone Research, 2021, 9, 8.	11.4	30
12	In situ mapping identifies distinct vascular niches for myelopoiesis. Nature, 2021, 590, 457-462.	27.8	74
13	Inhibition of astrocyte hemichannel improves recovery from spinal cord injury. JCI Insight, 2021, 6, .	5.0	17
14	Development of a potent embryonic chick lens model for studying congenital cataracts in vivo. Communications Biology, 2021, 4, 325.	4.4	6
15	Primary Osteocyte Supernatants Metabolomic Profiling of Two Transgenic Mice With Connexin43 Dominant Negative Mutants. Frontiers in Endocrinology, 2021, 12, 649994.	3.5	0
16	Macrophage recruitment in immune-privileged lens during capsule repair, necrotic fiber removal, and fibrosis. IScience, 2021, 24, 102533.	4.1	10
17	ATP Inhibits Breast Cancer Migration and Bone Metastasis through Down-Regulation of CXCR4 and Purinergic Receptor P2Y11. Cancers, 2021, 13, 4293.	3.7	8
18	Small leucine-rich proteoglycans in physiological and biomechanical function of bone. Matrix Biology Plus, 2021, 11, 100063.	3.5	8

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19	Connexin Gap Junctions and Hemichannels in Modulating Lens Redox Homeostasis and Oxidative Stress in Cataractogenesis. Antioxidants, 2021, 10, 1374.	5.1	10
20	Basophils promote barrier dysfunction and resolution in the atopic skin. Journal of Allergy and Clinical Immunology, 2021, 148, 799-812.e10.	2.9	29
21	Connexin hemichannels regulate redox potential via metabolite exchange and protect lens against cellular oxidative damage. Redox Biology, 2021, 46, 102102.	9.0	17
22	Removal of glycosaminoglycans affects the in situ mechanical behavior of extrafibrillar matrix in bone. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 123, 104766.	3.1	8
23	Connexins and cAMP Cross-Talk in Cancer Progression and Metastasis. Cancers, 2021, 13, 58.	3.7	10
24	LYVE1+ macrophages of murine peritoneal mesothelium promote omentum-independent ovarian tumor growth. Journal of Experimental Medicine, 2021, 218, .	8.5	31
25	Data on Connexin 43 hemichannels regulation of cellular redox in lens. Data in Brief, 2021, 39, 107572.	1.0	0
26	Osteocytic Connexin Hemichannels Modulate Oxidative Bone Microenvironment and Breast Cancer Growth. Cancers, 2021, 13, 6343.	3.7	5
27	CSFâ€•1 in Osteocytes Inhibits Nox4â€•mediated Oxidative Stress and Promotes Normal Bone Homeostasis. JBMR Plus, 2020, 4, e10080.	2.7	26
28	Negative feedback control of neuronal activity by microglia. Nature, 2020, 586, 417-423.	27.8	520
29	Osteocytes and Bone Metastasis. Frontiers in Endocrinology, 2020, 11, 567844.	3.5	37
30	Biglycan and chondroitin sulfate play pivotal roles in bone toughness via retaining bound water in bone mineral matrix. Matrix Biology, 2020, 94, 95-109.	3.6	35
31	Regulation of Connexin Gap Junctions and Hemichannels by Calcium and Calcium Binding Protein Calmodulin. International Journal of Molecular Sciences, 2020, 21, 8194.	4.1	14
32	Connexins in Lung Cancer and Brain Metastasis. Frontiers in Oncology, 2020, 10, 599383.	2.8	4
33	The Role of Connexin Channels in the Response of Mechanical Loading and Unloading of Bone. International Journal of Molecular Sciences, 2020, 21, 1146.	4.1	31
34	Connexin 43 Channels in Osteocytes Regulate Bone Responses to Mechanical Unloading. Frontiers in Physiology, 2020, 11, 299.	2.8	15
35	Mechanosensitive collaboration between integrins and connexins allows nutrient and antioxidant transport into the lens. Journal of Cell Biology, 2020, 219, .	5.2	19
36	In Situ Fate Mapping of Native and Stress Myelopoiesis Reveals a Unique Niche for Mono- and Dendritic Cell -Poiesis. Blood, 2020, 136, 38-39.	1.4	0

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37	Connexin 50 and AQP0 are Essential in Maintaining Organization and Integrity of Lens Fibers. , 2019, 60, 4021.		19
38	Muscleâ€bone crosstalk and potential therapies for sarcoâ€osteoporosis. Journal of Cellular Biochemistry, 2019, 120, 14262-14273.	2.6	93
39	Glucocorticoidâ€Induced Autophagy Protects Osteocytes Against Oxidative Stress Through Activation of MAPK/ERK Signaling. JBMR Plus, 2019, 3, e10077.	2.7	15
40	Lymphatic Endothelial Cells Are Essential Components of the Subcapsular Sinus Macrophage Niche. Immunity, 2019, 50, 1453-1466.e4.	14.3	97
41	Connexin 43 hemichannels protect bone loss during estrogen deficiency. Bone Research, 2019, 7, 11.	11.4	29
42	Osteocytic connexin 43 channels affect fracture healing. Journal of Cellular Physiology, 2019, 234, 19824-19832.	4.1	11
43	Spatial Mapping of Myelopoiesis Reveals the Bone Marrow Niche for Monocyte Dendritic Cell Progenitors. Blood, 2019, 134, 528-528.	1.4	2
44	Connexin hemichannel mediates glutathione transport and protects lens fiber cells against oxidative stress. Journal of Cell Science, 2018, 131, .	2.0	43
45	Ageâ€Related Deterioration of Bone Toughness Is Related to Diminishing Amount of Matrix Glycosaminoglycans (GAGs). JBMR Plus, 2018, 2, 164-173.	2.7	37
46	The SH3-binding domain of Cx43 participates in loop/tail interactions critical for Cx43-hemichannel activity. Cellular and Molecular Life Sciences, 2018, 75, 2059-2073.	5.4	27
47	Cataract-associated connexin 46 mutation alters its interaction with calmodulin and function of hemichannels. Journal of Biological Chemistry, 2018, 293, 2573-2585.	3.4	16
48	Connexin 43 regulates the expression of wound healing-related genes in human gingival and skin fibroblasts. Experimental Cell Research, 2018, 367, 150-161.	2.6	18
49	Impact of flow shear stress on morphology of osteoblast-like IDG-SW3 cells. Journal of Bone and Mineral Metabolism, 2018, 36, 529-536.	2.7	21
50	Connexins and Pannexins: Important Players in Tumorigenesis, Metastasis and Potential Therapeutics. International Journal of Molecular Sciences, 2018, 19, 1645.	4.1	40
51	Biological responses of osteocytic connexin 43 hemichannels to simulated microgravity. Journal of Orthopaedic Research, 2017, 35, 1195-1202.	2.3	16
52	Connexin channel and its role in diabetic retinopathy. Progress in Retinal and Eye Research, 2017, 61, 35-59.	15.5	32
53	Connexin 43 Hemichannels Regulate the Expression of Wound Healing-Associated Genes in Human Gingival Fibroblasts. Scientific Reports, 2017, 7, 14157.	3.3	43
54	Connexin 50 Functions as an Adhesive Molecule and Promotes Lens Cell Differentiation. Scientific Reports, 2017, 7, 5298.	3.3	23

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55	Coupling Effect of Water and Proteoglycans on the In Situ Toughness of Bone. Journal of Bone and Mineral Research, 2016, 31, 1026-1029.	2.8	35
56	N-Glycosylation influences transport, but not cellular trafficking, of a neuronal amino acid transporter SNAT1. Biochemical Journal, 2016, 473, 4227-4242.	3.7	1
57	Osteocytic connexin hemichannels suppress breast cancer growth and bone metastasis. Oncogene, 2016, 35, 5597-5607.	5.9	78
58	Connexin and pannexin channels in cancer. BMC Cell Biology, 2016, 17, 12.	3.0	51
59	Connexin arrests the cell cycle through cytosolic retention of an E3 ligase. Molecular and Cellular Oncology, 2016, 3, e1132119.	0.7	4
60	ATP, a double-edged sword in cancer. Oncoscience, 2015, 2, 673-674.	2.2	27
61	Connexin Controls Cell-Cycle Exit and Cell Differentiation by Directly Promoting Cytosolic Localization and Degradation of E3 Ligase Skp2. Developmental Cell, 2015, 35, 483-496.	7.0	27
62	Caspase-2 modulates osteoclastogenesis through down-regulating oxidative stress. Bone, 2015, 76, 40-48.	2.9	9
63	Reactive oxygen species and oxidative stress in osteoclastogenesis, skeletal aging and bone diseases. Journal of Bone and Mineral Metabolism, 2015, 33, 359-370.	2.7	316
64	Mitogen-activated Protein Kinase (MAPK) Activated by Prostaglandin E2 Phosphorylates Connexin 43 and Closes Osteocytic Hemichannels in Response to Continuous Flow Shear Stress. Journal of Biological Chemistry, 2015, 290, 28321-28328.	3.4	45
65	Connexin 43 Channels Are Essential for Normal Bone Structure and Osteocyte Viability. Journal of Bone and Mineral Research, 2015, 30, 436-448.	2.8	85
66	Differential impact of adenosine nucleotides released by osteocytes on breast cancer growth and bone metastasis. Oncogene, 2015, 34, 1831-1842.	5.9	99
67	14-3-3Î¸ Facilitates plasma membrane delivery and function of mechanosensitive connexin 43 hemichannels. Journal of Cell Science, 2014, 127, 137-46.	2.0	35
68	Aquaporin-0 Targets Interlocking Domains to Control the Integrity and Transparency of the Eye Lens. , 2014, 55, 1202.		46
69	Direct Regulation of Osteocytic Connexin 43 Hemichannels through AKT Kinase Activated by Mechanical Stimulation. Journal of Biological Chemistry, 2014, 289, 10582-10591.	3.4	72
70	Reduction of Proteinuria through Podocyte Alkalinization. Journal of Biological Chemistry, 2014, 289, 17454-17467.	3.4	12
71	Regional changes of AQP0-dependent square array junction and gap junction associated with cortical cataract formation in the Emory mutant mouse. Experimental Eye Research, 2014, 127, 132-142.	2.6	13
72	Gap junction and hemichannelâ€independent actions of connexins on cell and tissue functions â€" An update. FEBS Letters, 2014, 588, 1186-1192.	2.8	143

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73	Connexin43 hemichannels mediate small molecule exchange between chondrocytes and matrix in biomechanically-stimulated temporomandibular joint cartilage. Osteoarthritis and Cartilage, 2014, 22, 822-830.	1.3	32
74	Role of Wnt signaling in fracture healing. BMB Reports, 2014, 47, 666-672.	2.4	39
75	Gap junction and hemichannel functions in osteocytes. Bone, 2013, 54, 205-212.	2.9	83
76	Glucocorticoids and osteocyte autophagy. Bone, 2013, 54, 279-284.	2.9	63
77	Antibodies targeting extracellular domain of connexins for studies of hemichannels. Neuropharmacology, 2013, 75, 525-532.	4.1	49
78	Connexin 43 Channels Protect Osteocytes Against Oxidative Stressâ€"Induced Cell Death. Journal of Bone and Mineral Research, 2013, 28, 1611-1621.	2.8	77
79	ATP Is Required and Advances Cytokine-Induced Gap Junction Formation in Microglia In Vitro. Mediators of Inflammation, 2013, 2013, 1-16.	3.0	40
80	Elevated Intracellular Ca2+ Signals by Oxidative Stress Activate Connexin 43 Hemichannels in Osteocytes. Bone Research, 2013, 1, 355-361.	11.4	24
81	Cataract-Causing Mutation of Human Connexin 46 Impairs Gap Junction, but Increases Hemichannel Function and Cell Death. PLoS ONE, 2013, 8, e74732.	2.5	37
82	Identification of a Disulfide Bridge Important for Transport Function of SNAT4 Neutral Amino Acid Transporter. PLoS ONE, 2013, 8, e56792.	2.5	4
83	Disruption in Connexin-Based Communication Is Associated with Intracellular Ca2+ Signal Alterations in Astrocytes from Niemann-Pick Type C Mice. PLoS ONE, 2013, 8, e71361.	2.5	33
84	â€œINTEGRINatingâ€•the connexin hemichannel function in bone osteocytes through the action of integrin Î±5. Communicative and Integrative Biology, 2012, 5, 516-518.	1.4	5
85	Developmental Truncations of Connexin 50 by Caspases Adaptively Regulate Gap Junctions/Hemichannels and Protect Lens Cells against Ultraviolet Radiation. Journal of Biological Chemistry, 2012, 287, 15786-15797.	3.4	13
86	Biological role of connexin intercellular channels and hemichannels. Archives of Biochemistry and Biophysics, 2012, 524, 2-15.	3.0	191
87	Gap junctions and hemichannels in signal transmission, function and development of bone. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 1909-1918.	2.6	115
88	Chronic maternal infusion of fullâ€length adiponectin in pregnant mice downâ€regulates placental amino acid transporter activity and expression and decreases fetal growth. Journal of Physiology, 2012, 590, 1495-1509.	2.9	80
89	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
90	Mechanical stress-activated integrin Î±5Î²1 induces opening of connexin 43 hemichannels. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3359-3364.	7.1	206

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91	Glucose increases intracellular free Ca²⁺ in tanycytes via ATP released through connexin 43 hemichannels. Glia, 2012, 60, 53-68.	4.9	154
92	Residue cysteine 232 is important for substrate transport of neutral amino acid transporter, SNAT4. International Journal of Biochemistry and Molecular Biology, 2012, 3, 374-83.	0.1	1
93	Glucocorticoid dose determines osteocyte cell fate. FASEB Journal, 2011, 25, 3366-3376.	0.5	133
94	ATP and glutamate released via astroglial connexin 43â€ƒhemichannels mediate neuronal death through activation of pannexin 1 hemichannels. Journal of Neurochemistry, 2011, 118, 826-840.	3.9	324
95	Connexonâ€mediated cell adhesion drives microtissue selfâ€assembly. FASEB Journal, 2011, 25, 255-264.	0.5	63
96	Membrane Topological Structure of Neutral System N/A Amino Acid Transporter 4 (SNAT4) Protein. Journal of Biological Chemistry, 2011, 286, 38086-38094.	3.4	11
97	Aquaporin 0 enhances gap junction coupling via its cell adhesion function and interaction with connexin 50. Journal of Cell Science, 2011, 124, 198-206.	2.0	66
98	Dark horse in osteocyte biology. Communicative and Integrative Biology, 2011, 4, 48-50.	1.4	14
99	Phosphorylation of Connexin 50 by Protein Kinase A Enhances Gap Junction and Hemichannel Function. Journal of Biological Chemistry, 2011, 286, 16914-16928.	3.4	40
100	Amyloid Î²-Induced Death in Neurons Involves Glial and Neuronal Hemichannels. Journal of Neuroscience, 2011, 31, 4962-4977.	3.6	256
101	Connexin43 Hemichannels Contribute to Cadmium-Induced Oxidative Stress and Cell Injury. Antioxidants and Redox Signaling, 2011, 14, 2427-2439.	5.4	53
102	Dark horse in osteocyte biology: Glycocalyx around the dendrites is critical for osteocyte mechanosensing. Communicative and Integrative Biology, 2011, 4, 48-50.	1.4	12
103	Regulation of cellular function by connexin hemichannels. International Journal of Biochemistry and Molecular Biology, 2011, 2, 119-128.	0.1	18
104	Glucocorticoid-induced autophagy in osteocytes. Journal of Bone and Mineral Research, 2010, 25, 2479-2488.	2.8	172
105	Mechanical induction of PGE2 in osteocytes blocks glucocorticoid-induced apoptosis through both the Î²-catenin and PKA pathways. Journal of Bone and Mineral Research, 2010, 25, 2657-2668.	2.8	179
106	Correlation of cell strain in single osteocytes with intracellular calcium, but not intracellular nitric oxide, in response to fluid flow. Journal of Biomechanics, 2010, 43, 1560-1564.	2.1	43
107	Prostaglandin Promotion of Osteocyte Gap Junction Function through Transcriptional Regulation of Connexin 43 by Glycogen Synthase Kinase 3/Î²-Catenin Signaling. Molecular and Cellular Biology, 2010, 30, 206-219.	2.3	126
108	Dendritic processes of osteocytes are mechanotransducers that induce the opening of hemichannels. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13648-13653.	7.1	174

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109	Amino Acid Residue Val362 Plays a Critical Role in Maintaining the Structure of C Terminus of Connexin 50 and in Lens Epithelial-fiber Differentiation. Journal of Biological Chemistry, 2010, 285, 18415-18422.	3.4	4
110	Gap Junctions or Hemichannel-Dependent and Independent Roles of Connexins in Cataractogenesis and Lens Development. Current Molecular Medicine, 2010, 10, 851-863.	1.3	52
111	Gap junctions are selectively associated with interlocking ball-and-sockets but not protrusions in the lens. Molecular Vision, 2010, 16, 2328-41.	1.1	25
112	Connexin mutation that causes dominant congenital cataracts inhibits gap junctions, but not hemichannels, in a dominant negative manner. Journal of Cell Science, 2009, 122, 378-388.	2.0	41
113	Connexin 43 hemichannel opening associated with Prostaglandin E₂release is adaptively regulated by mechanical stimulation. Communicative and Integrative Biology, 2009, 2, 239-240.	1.4	29
114	Gap junction remodeling associated with cholesterol redistribution during fiber cell maturation in the adult chicken lens. Molecular Vision, 2009, 15, 1492-508.	1.1	16
115	Differential expression of connexins during histogenesis of the chick retina. Developmental Neurobiology, 2008, 68, 1287-1302.	3.0	20
116	Role of Gap Junction, Hemichannels, and Connexin 43 in Mineralizing in Response to Intermittent and Continuous Application of Parathyroid Hormone. Cell Communication and Adhesion, 2008, 15, 43-54.	1.0	10
117	Lens Fiber Connexin Turnover and Caspase-3-Mediated Cleavage Are Regulated Alternately by Phosphorylation. Cell Communication and Adhesion, 2008, 15, 1-11.	1.0	19
118	Adaptation of Connexin 43-Hemichannel Prostaglandin Release to Mechanical Loading. Journal of Biological Chemistry, 2008, 283, 26374-26382.	3.4	150
119	Regulation of renal amino acid transporters during metabolic acidosis. American Journal of Physiology - Renal Physiology, 2007, 292, F555-F566.	2.7	67
120	Promotion of lens epithelial-fiber differentiation by the C-terminus of connexin 45.6 â€“ a role independent of gap junction communication. Journal of Cell Science, 2007, 120, 3602-3612.	2.0	27
121	Roles of gap junctions and hemichannels in bone cell functions and in signal transmission of mechanical stress. Frontiers in Bioscience - Landmark, 2007, 12, 1450.	3.0	117
122	Mechanical Loading Stimulates Expression of Connexin 43 in Alveolar Bone Cells in the Tooth Movement Model. Cell Communication and Adhesion, 2006, 13, 115-125.	1.0	39
123	Developmental Regulation of the Direct Interaction between the Intracellular Loop of Connexin 45.6 and the C Terminus of Major Intrinsic Protein (Aquaporin-0). Journal of Biological Chemistry, 2005, 280, 22081-22090.	3.4	54
124	Mechanical Strain Opens Connexin 43 Hemichannels in Osteocytes: A Novel Mechanism for the Release of Prostaglandin. Molecular Biology of the Cell, 2005, 16, 3100-3106.	2.1	430
125	Differential Regulation of Amino Acid Transporter SNAT3 by Insulin in Hepatocytes. Journal of Biological Chemistry, 2005, 280, 26055-26062.	3.4	37
126	Gap junction- and hemichannel-independent actions of connexins. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1711, 208-214.	2.6	153

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127	Interaction of major intrinsic protein (aquaporin-0) with fiber connexins in lens development. Journal of Cell Science, 2004, 117, 871-880.	2.0	54
128	Hemichannels Formed by Connexin 43 Play an Important Role in the Release of Prostaglandin E₂by Osteocytes in Response to Mechanical Strain. Cell Communication and Adhesion, 2003, 10, 259-264.	1.0	57
129	Effects of Mechanical Strain on the Function of Gap Junctions in Osteocytes Are Mediated through the Prostaglandin EP2 Receptor. Journal of Biological Chemistry, 2003, 278, 43146-43156.	3.4	182
130	Mouse system-N amino acid transporter, mNAT3, expressed in hepatocytes and regulated by insulin-activated and phosphoinositide 3-kinase-dependent signalling. Biochemical Journal, 2003, 371, 721-731.	3.7	15
131	Stimulation of Lens Cell Differentiation by Gap Junction Protein Connexin 45.6. , 2003, 44, 2103.		44
132	Hemichannels Formed by Connexin 43 Play an Important Role in the Release of Prostaglandin E2 by Osteocytes in Response to Mechanical Strain. Cell Communication and Adhesion, 2003, 10, 259-264.	1.0	56
133	In Vivo Differentiation of Mouse Embryonic Stem Cells into Hepatocytes. Cell Transplantation, 2002, 11, 359-368.	2.5	96
134	A Novel Human Amino Acid Transporter, hNAT3: cDNA Cloning, Chromosomal Mapping, Genomic Structure, Expression, and Functional Characterization. Genomics, 2001, 74, 262-272.	2.9	26
135	Expression of Functional Gap Junctions and Regulation by Fluid Flow in Osteocyte-Like MLO-Y4 Cells. Journal of Bone and Mineral Research, 2001, 16, 249-259.	2.8	189
136	Characterization of an N-system Amino Acid Transporter Expressed in Retina and Its Involvement in Glutamine Transport. Journal of Biological Chemistry, 2001, 276, 24137-24144.	3.4	47
137	The Development-associated Cleavage of Lens Connexin 45.6 by Caspase-3-like Protease Is Regulated by Casein Kinase II-mediated Phosphorylation. Journal of Biological Chemistry, 2001, 276, 34567-34572.	3.4	56
138	Regulation of Lens Connexin 45.6 by Apoptotic Protease, Caspase-3. Cell Communication and Adhesion, 2001, 8, 373-376.	1.0	22
139	PGE2 Is Essential for Gap Junction-Mediated Intercellular Communication between Osteocyte-Like MLO-Y4 Cells in Response to Mechanical Strain. Endocrinology, 2001, 142, 3464-3473.	2.8	164
140	Mechanical Stimulation of Gap Junctions in Bone Osteocytes is Mediated by Prostaglandin E₂. Cell Communication and Adhesion, 2001, 8, 283-288.	1.0	40
141	Use of Retroviruses to Express Connexins. , 2001, 154, 159-174.		6
142	Casein Kinase II Phosphorylates Lens Connexin 45.6 and Is Involved in Its Degradation. Journal of Biological Chemistry, 2000, 275, 6850-6856.	3.4	62
143	Identification and characterization of an amino acid transporter expressed differentially in liver. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3230-3235.	7.1	77
144	Identification and characterization of an amino acid transporter expressed differentially in liver. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3230-3235.	7.1	40

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145	Formation of heteromeric gap junction channels by connexins 40 and 43 in vascular smooth muscle cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6495-6500.	7.1	170
146	Phosphorylation of lens-fiber connexins in lens organ cultures. FEBS Journal, 1998, 255, 37-44.	0.2	36
147	Retroviral expression of connexins in embryonic chick lens. Investigative Ophthalmology and Visual Science, 1998, 39, 537-43.	3.3	15
148	Heteromeric connexons in lens gap junction channels.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1287-1291.	7.1	275
149	Changes in Connexin Expression and Distribution During Chick Lens Development. Developmental Biology, 1995, 168, 649-661.	2.0	57
150	Molecular and Functional Characterization of Lens Fibers Connexins. Progress in Cell Research, 1995, 4, 377-381.	0.3	0
151	Molecular cloning and functional characterization of chick lens fiber connexin 45.6.. Molecular Biology of the Cell, 1994, 5, 363-373.	2.1	96
152	Posttranslational phosphorylation of lens fiber connexin46: a slow occurrence. Investigative Ophthalmology and Visual Science, 1993, 34, 3558-65.	3.3	42
153	Folding changes in membrane-inserted diphtheria toxin that may play important roles in its translocation. Biochemistry, 1991, 30, 3857-3864.	2.5	47
154	Self-translocation of diphtheria toxin across model membranes. Journal of Biological Chemistry, 1991, 266, 24003-10.	3.4	17
155	Involvement of denaturation-like changes in Pseudomonas exotoxin a hydrophobicity and membrane penetration determined by characterization of pH and thermal transitions. Roles of two distinct conformationally altered states.. Journal of Biological Chemistry, 1990, 265, 8636-8641.	3.4	74
156	Involvement of denaturation-like changes in Pseudomonas exotoxin a hydrophobicity and membrane penetration determined by characterization of pH and thermal transitions. Roles of two distinct conformationally altered states. Journal of Biological Chemistry, 1990, 265, 8636-41.	3.4	57
157	Cross-Activation of Hemichannels/Gap Junctions and Immunoglobulin-Like Domains in Innateâ€“Adaptive Immune Responses. Frontiers in Immunology, 0, 13, .	4.8	1