

# Colin R Green

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143  
papers

5,967  
citations

43  
h-index

72  
g-index

147  
ext. papers

6,667  
ext. citations

5.7  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
143	The NLRP3 inflammasome in age-related eye disease: Evidence-based connexin hemichannel therapeutics.. <i>Experimental Eye Research</i> , <b>2021</b> , 215, 108911	3.7	0
142	Cx31.1 expression is modulated in HaCaT cells exposed to UV-induced damage and scrape-wounding. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 911-920	7	0
141	Connexin43 hemichannel block inhibits NLRP3 inflammasome activation in a human retinal explant model of diabetic retinopathy. <i>Experimental Eye Research</i> , <b>2021</b> , 202, 108384	3.7	13
140	Connexin therapeutics: blocking connexin hemichannel pores is distinct from blocking pannexin channels or gap junctions. <i>Neural Regeneration Research</i> , <b>2021</b> , 16, 482-488	4.5	12
139	Differential Action of Connexin Hemichannel and Pannexin Channel Therapeutics for Potential Treatment of Retinal Diseases. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
138	Collagen I Modifies Connexin-43 Hemichannel Activity via Integrin $\alpha 1$ Binding in TGF $\beta$ -Evoked Renal Tubular Epithelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
137	Cell transdifferentiation in ocular disease: Potential role for connexin channels. <i>Experimental Cell Research</i> , <b>2021</b> , 407, 112823	4.2	
136	Blocking Connexin-43 mediated hemichannel activity protects against early tubular injury in experimental chronic kidney disease. <i>Cell Communication and Signaling</i> , <b>2020</b> , 18, 79	7.5	17
135	Tonabersat Inhibits Connexin43 Hemichannel Opening and Inflammasome Activation in an In Vitro Retinal Epithelial Cell Model of Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	9
134	Connexin43 Expression and Associated Chronic Inflammation Presages the Development of Cerebral Radiation Necrosis. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2020</b> , 79, 791-799	3.1	
133	Connexin Hemichannel Mimetic Peptide Attenuates Cortical Interneuron Loss and Perineuronal Net Disruption Following Cerebral Ischemia in Near-Term Fetal Sheep. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
132	Connexin43 hemichannel block protects against retinal pigment epithelial cell barrier breakdown. <i>Acta Diabetologica</i> , <b>2020</b> , 57, 13-22	3.9	27
131	Connexin Hemichannel Block Using Orally Delivered Tonabersat Improves Outcomes in Animal Models of Retinal Disease. <i>Neurotherapeutics</i> , <b>2020</b> , 17, 371-387	6.4	17
130	Xentry-Gap19 inhibits Connexin43 hemichannel opening especially during hypoxic injury. <i>Drug Delivery and Translational Research</i> , <b>2020</b> , 10, 751-765	6.2	6
129	Targeting connexin hemichannels to control the inflammasome: the correlation between connexin43 and NLRP3 expression in chronic eye disease. <i>Expert Opinion on Therapeutic Targets</i> , <b>2019</b> , 23, 855-863	6.4	16
128	Connexin43 hemichannels: A potential drug target for the treatment of diabetic retinopathy. <i>Drug Discovery Today</i> , <b>2019</b> , 24, 1627-1636	8.8	15
127	Corneal Curvature: the Influence of Corneal Accommodation and Biomechanics on Corneal Shape. <i>Translational Vision Science and Technology</i> , <b>2019</b> , 8, 5	3.3	5

126	One Cell, Two Phenotypes: Capturing Pluripotency for Corneal Regeneration. <i>Essentials in Ophthalmology</i> , <b>2019</b> , 145-154	0.2	
125	The Role of Connexin and Pannexin Channels in Perinatal Brain Injury and Inflammation. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 141	4.6	31
124	Connexin43 hemichannel block protects against the development of diabetic retinopathy signs in a mouse model of the disease. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 215-229	5.5	22
123	Wound healing in the eye: Therapeutic prospects. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 126, 162-176	18.5	35
122	Hyaluronic acid coated albumin nanoparticles for targeted peptide delivery in the treatment of retinal ischaemia. <i>Biomaterials</i> , <b>2018</b> , 168, 10-23	15.6	43
121	Connexins and Pannexins in cerebral ischemia. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2018</b> , 1860, 224-236	3.8	32
120	Attenuation of mechanical pain hypersensitivity by treatment with Peptide5, a connexin-43 mimetic peptide, involves inhibition of NLRP3 inflammasome in nerve-injured mice. <i>Experimental Neurology</i> , <b>2018</b> , 300, 1-12	5.7	63
119	Intracellular oligonucleotide delivery using the cell penetrating peptide Xentry. <i>Scientific Reports</i> , <b>2018</b> , 8, 11256	4.9	7
118	Sustained Connexin43 Mimetic Peptide Release From Loaded Nanoparticles Reduces Retinal and Choroidal Photodamage <b>2018</b> , 59, 3682-3693		24
117	Intravitreal pro-inflammatory cytokines in non-obese diabetic mice: Modelling signs of diabetic retinopathy. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202156	3.7	25
116	Glia and hemichannels: key mediators of perinatal encephalopathy. <i>Neural Regeneration Research</i> , <b>2018</b> , 13, 181-189	4.5	15
115	The inflammasome pathway is amplified and perpetuated in an autocrine manner through connexin43 hemichannel mediated ATP release. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 385-393	4	54
114	Connexins in Cardiovascular and Neurovascular Health and Disease: Pharmacological Implications. <i>Pharmacological Reviews</i> , <b>2017</b> , 69, 396-478	22.5	134
113	Connexin hemichannel blockade improves survival of striatal GABA-ergic neurons after global cerebral ischaemia in term-equivalent fetal sheep. <i>Scientific Reports</i> , <b>2017</b> , 7, 6304	4.9	13
112	Characterisation of Peptide5 systemic administration for treating traumatic spinal cord injured rats. <i>Experimental Brain Research</i> , <b>2017</b> , 235, 3033-3048	2.3	11
111	Characterizing the mode of action of extracellular Connexin43 channel blocking mimetic peptides in an in vitro ischemia injury model. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 68-78	4	37
110	Systemic Administration of Connexin43 Mimetic Peptide Improves Functional Recovery after Traumatic Spinal Cord Injury in Adult Rats. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 707-719	5.4	30
109	Immunohistochemical Characterization of Connexin43 Expression in a Mouse Model of Diabetic Retinopathy and in Human Donor Retinas. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	13

108	Tonabersat Prevents Inflammatory Damage in the Central Nervous System by Blocking Connexin43 Hemichannels. <i>Neurotherapeutics</i> , <b>2017</b> , 14, 1148-1165	6.4	30
107	Connexin43 in retinal injury and disease. <i>Progress in Retinal and Eye Research</i> , <b>2016</b> , 51, 41-68	20.5	66
106	Keratocytes are induced to produce collagen type II: A new strategy for in vivo corneal matrix regeneration. <i>Experimental Cell Research</i> , <b>2016</b> , 347, 241-249	4.2	8
105	Connexins and their channels in inflammation. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2016</b> , 51, 413-439	8.7	69
104	Bioglass promotes wound healing by affecting gap junction connexin 43 mediated endothelial cell behavior. <i>Biomaterials</i> , <b>2016</b> , 84, 64-75	15.6	84
103	Translating connexin biology into therapeutics. <i>Seminars in Cell and Developmental Biology</i> , <b>2016</b> , 50, 49-58	7.5	27
102	Assessing Connexin Hemichannel Function during Ischemic Injury and Reperfusion <b>2016</b> , 169-188		3
101	Role of Hemichannels in CNS Inflammation and the Inflammasome Pathway. <i>Advances in Protein Chemistry and Structural Biology</i> , <b>2016</b> , 104, 1-37	5.3	49
100	Connexin43 Mimetic Peptide Improves Retinal Function and Reduces Inflammation in a Light-Damaged Albino Rat Model <b>2016</b> , 57, 3961-73		35
99	Connexin and pannexin signaling pathways, an architectural blueprint for CNS physiology and pathology?. <i>Cellular and Molecular Life Sciences</i> , <b>2015</b> , 72, 2823-51	10.3	51
98	Non-additive effects of delayed connexin hemichannel blockade and hypothermia after cerebral ischemia in near-term fetal sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 2052-61	7.3	20
97	Intravitreal injection of lipoamino acid-modified connexin43 mimetic peptide enhances neuroprotection after retinal ischemia. <i>Drug Delivery and Translational Research</i> , <b>2015</b> , 5, 480-8	6.2	26
96	Transdifferentiation of chondrocytes into neuron-like cells induced by neuronal lineage specifying growth factors. <i>Cell Biology International</i> , <b>2015</b> , 39, 185-91	4.5	4
95	Battle of the hemichannels--Connexins and Pannexins in ischemic brain injury. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 45, 66-74	2.7	36
94	Neuroprotection in the treatment of glaucoma--A focus on connexin43 gap junction channel blockers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 95, 182-93	5.7	24
93	Sustained intravitreal delivery of connexin43 mimetic peptide by poly(D,L-lactide-co-glycolide) acid micro- and nanoparticles--Closing the gap in retinal ischaemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 95, 378-86	5.7	46
92	Cells from the adult corneal stroma can be reprogrammed to a neuron-like cell using exogenous growth factors. <i>Experimental Cell Research</i> , <b>2014</b> , 322, 122-32	4.2	8
91	Gap junction proteins and their role in spinal cord injury. <i>Frontiers in Molecular Neuroscience</i> , <b>2014</b> , 7, 102	6.1	23

90	Connexin hemichannel blockade is neuroprotective after asphyxia in preterm fetal sheep. <i>PLoS ONE</i> , <b>2014</b> , 9, e96558	3.7	56
89	Astrocytes and microglia in acute cerebral injury underlying cerebral palsy associated with preterm birth. <i>Pediatric Research</i> , <b>2014</b> , 75, 234-40	3.2	71
88	Connexin hemichannel induced vascular leak suggests a new paradigm for cancer therapy. <i>FEBS Letters</i> , <b>2014</b> , 588, 1365-71	3.8	20
87	Gap junction proteins in the light-damaged albino rat. <i>Molecular Vision</i> , <b>2014</b> , 20, 670-82	2.3	16
86	Connexin hemichannel blockade is neuroprotective after, but not during, global cerebral ischemia in near-term fetal sheep. <i>Experimental Neurology</i> , <b>2013</b> , 248, 301-8	5.7	39
85	Connexin43 mimetic peptide is neuroprotective and improves function following spinal cord injury. <i>Neuroscience Research</i> , <b>2013</b> , 75, 256-67	2.9	79
84	Vascular degeneration in Parkinson's disease. <i>Brain Pathology</i> , <b>2013</b> , 23, 154-64	6	105
83	Synergistic effect of chemical penetration enhancer and iontophoresis on transappendageal transport of oligodeoxynucleotides. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 441, 687-92	6.5	17
82	Spatiotemporal changes in Cx30 and Cx43 expression during neuronal differentiation of P19 EC and NT2/D1 cells. <i>Cell Biology International Reports</i> , <b>2013</b> , 20, 13-23		1
81	Cytotoxicity and vitreous stability of chemically modified connexin43 mimetic peptides for the treatment of optic neuropathy. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 2322-31	3.9	21
80	A key role for connexin hemichannels in spreading ischemic brain injury. <i>Current Drug Targets</i> , <b>2013</b> , 14, 36-46	3	57
79	The use of connexin-based therapeutic approaches to target inflammatory diseases. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1037, 519-46	1.4	30
78	Role of gap junctions in chronic pain. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 337-45	4.4	41
77	Connexin hemichannel blockade improves outcomes in a model of fetal ischemia. <i>Annals of Neurology</i> , <b>2012</b> , 71, 121-32	9.4	111
76	Regulation of connexin43 gap junction protein triggers vascular recovery and healing in human ocular persistent epithelial defect wounds. <i>Journal of Membrane Biology</i> , <b>2012</b> , 245, 381-8	2.3	57
75	Comparison of bidirectional and bicistronic inducible systems for coexpression of connexin genes and fluorescent reporters. <i>Analytical Biochemistry</i> , <b>2012</b> , 431, 90-5	3.1	4
74	Improved corneal wound healing through modulation of gap junction communication using connexin43-specific antisense oligodeoxynucleotides <b>2012</b> , 53, 1130-8		41
73	Connexin43 modulation inhibits scarring in a rabbit eye glaucoma trabeculectomy model. <i>Inflammation</i> , <b>2012</b> , 35, 1276-86	5.1	16

72	High pressure-induced retinal ischaemia reperfusion causes upregulation of gap junction protein connexin43 prior to retinal ganglion cell loss. <i>Experimental Neurology</i> , <b>2012</b> , 234, 144-52	5.7	35
71	Deleterious effects of high dose connexin 43 mimetic peptide infusion after cerebral ischaemia in near-term fetal sheep. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 6303-19	6.3	29
70	Connexin43 mimetic peptide reduces vascular leak and retinal ganglion cell death following retinal ischaemia. <i>Brain</i> , <b>2012</b> , 135, 506-20	11.2	146
69	Evaluation of Fluorescence Resonance Energy Transfer Approaches as a Tool to Quantify the Stability of Antisense Oligodeoxynucleotides. <i>Current Pharmaceutical Analysis</i> , <b>2012</b> , 8, 20-27	0.6	2
68	Ion-activated in situ gelling systems for antisense oligodeoxynucleotide delivery to the ocular surface. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 2282-90	5.6	29
67	Gap junction protein connexin43 (GJA1) in the human glaucomatous optic nerve head and retina. <i>Journal of Clinical Neuroscience</i> , <b>2011</b> , 18, 102-8	2.2	26
66	Response of retinal Connexin43 to optic nerve injury <b>2011</b> , 52, 3620-9		12
65	Comparison of stem cell properties in cell populations isolated from human central and limbal corneal epithelium. <i>Cornea</i> , <b>2011</b> , 30, 1155-62	3.1	31
64	Drug delivery to the posterior segment of the eye. <i>Drug Discovery Today</i> , <b>2011</b> , 16, 270-7	8.8	224
63	In-vitro and in-vivo evaluation of carrageenan/methylcellulose polymeric systems for transscleral delivery of macromolecules. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 44, 399-409	5.1	27
62	Comparison of ion-activated in situ gelling systems for ocular drug delivery. Part 1: physicochemical characterisation and in vitro release. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 411, 69-77	6.5	107
61	Comparison of ion-activated in situ gelling systems for ocular drug delivery. Part 2: Precorneal retention and in vivo pharmacodynamic study. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 411, 78-85	6.5	46
60	In vitro release characteristics and cellular uptake of poly(D,L-lactic-co-glycolic acid) nanoparticles for topical delivery of antisense oligodeoxynucleotides. <i>Drug Delivery</i> , <b>2011</b> , 18, 493-501	7	12
59	Immunolocalization of gap junction protein connexin43 (GJA1) in the human retina and optic nerve <b>2010</b> , 51, 4028-34		47
58	Effect of low Mg <sup>2+</sup> and bicuculline on cell survival in hippocampal slice cultures. <i>International Journal of Neuroscience</i> , <b>2010</b> , 120, 752-9	2	3
57	Role of connexin43 in central nervous system injury. <i>Experimental Neurology</i> , <b>2010</b> , 225, 250-61	5.7	78
56	A novel method of organotypic brain slice culture using connexin-specific antisense oligodeoxynucleotides to improve neuronal survival. <i>Brain Research</i> , <b>2010</b> , 1353, 194-203	3.7	20
55	A model for ex vivo spinal cord segment culture--a tool for analysis of injury repair strategies. <i>Journal of Neuroscience Methods</i> , <b>2010</b> , 192, 49-57	3	15

54	Dose-dependent protective effect of connexin43 mimetic peptide against neurodegeneration in an ex vivo model of epileptiform lesion. <i>Epilepsy Research</i> , <b>2010</b> , 92, 153-62	3	43
53	Actions of fibroblast growth factor-8 in bone cells in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E142-50	6	18
52	Antisense down regulation of connexin31.1 reduces apoptosis and increases thickness of human and animal corneal epithelia. <i>Cell Biology International</i> , <b>2009</b> , 33, 376-85	4.5	7
51	Assessing RNA quality in postmortem human brain tissue. <i>Experimental and Molecular Pathology</i> , <b>2008</b> , 84, 71-7	4.4	42
50	Connexin 43 mimetic peptides reduce swelling, astrogliosis, and neuronal cell death after spinal cord injury. <i>Cell Communication and Adhesion</i> , <b>2008</b> , 15, 27-42		142
49	Blocking connexin43 expression reduces inflammation and improves functional recovery after spinal cord injury. <i>Molecular and Cellular Neurosciences</i> , <b>2008</b> , 39, 152-60	4.8	154
48	Connexin43 antisense oligodeoxynucleotide treatment down-regulates the inflammatory response in an in vitro interphase organotypic culture model of optic nerve ischaemia. <i>Journal of Clinical Neuroscience</i> , <b>2008</b> , 15, 1253-63	2.2	51
47	Focus on molecules: connexin 43--mind the gap. <i>Experimental Eye Research</i> , <b>2008</b> , 87, 494-5	3.7	13
46	Acute wound healing in the human central corneal epithelium appears to be independent of limbal stem cell influence <b>2008</b> , 49, 5279-86		83
45	Interrupting the inflammatory cycle in chronic diseases--do gap junctions provide the answer?. <i>Cell Biology International</i> , <b>2008</b> , 32, 1578-83	4.5	17
44	Targeting connexin43 expression accelerates the rate of skin and diabetic wound repair. <i>Journal of Biotechnology</i> , <b>2007</b> , 131, S64	3.7	3
43	Structural and functional coupling of cardiac myocytes and fibroblasts. <i>Advances in Cardiology</i> , <b>2006</b> , 42, 132-149		73
42	In vitro optimization of antisense oligodeoxynucleotide design: an example using the connexin gene family. <i>Journal of Biomolecular Techniques</i> , <b>2006</b> , 17, 270-82	1.1	18
41	Antisense delivery and protein knockdown within the intact central nervous system. <i>Frontiers in Bioscience - Landmark</i> , <b>2006</b> , 11, 2967-75	2.8	20
40	Limiting burn extension by transient inhibition of Connexin43 expression at the site of injury. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2005</b> , 58, 658-67		72
39	Automated imaging of extended tissue volumes using confocal microscopy. <i>Microscopy Research and Technique</i> , <b>2005</b> , 67, 227-39	2.8	96
38	Fibroblast network in rabbit sinoatrial node: structural and functional identification of homogeneous and heterogeneous cell coupling. <i>Circulation Research</i> , <b>2004</b> , 94, 828-35	15.7	272
37	Spatially and temporally distinct expression of fibroblast connexins after sheep ventricular infarction. <i>Cardiovascular Research</i> , <b>2004</b> , 62, 415-25	9.9	128

36	Connexin expression patterns in the rat cornea: molecular evidence for communication compartments. <i>Cornea</i> , <b>2003</b> , 22, 457-64	3.1	33
35	Keratocytes: more than a framework for the window. <i>Clinical and Experimental Ophthalmology</i> , <b>2003</b> , 31, 91-2	2.4	2
34	Targeting connexin43 expression accelerates the rate of wound repair. <i>Current Biology</i> , <b>2003</b> , 13, 1697-703	7.3	241
33	Upregulation in astrocytic connexin 43 gap junction levels may exacerbate generalized seizures in mesial temporal lobe epilepsy. <i>Brain Research</i> , <b>2002</b> , 929, 105-16	3.7	151
32	In vivo and ex vivo in situ confocal analysis of a rat model demonstrating transient epithelialization of the endothelium. <i>Clinical and Experimental Ophthalmology</i> , <b>2002</b> , 30, 191-5	2.4	10
31	Bone morphogenetic protein-2 modulation of chondrogenic differentiation in vitro involves gap junction-mediated intercellular communication. <i>Journal of Cellular Physiology</i> , <b>2002</b> , 193, 233-43	7	58
30	Knockdown of connexin43-mediated regulation of the zone of polarizing activity in the developing chick limb leads to digit truncation. <i>Development Growth and Differentiation</i> , <b>2002</b> , 44, 537-47	3	21
29	Molecular profiling and cellular localization of connexin isoforms in the rat ciliary epithelium. <i>Experimental Eye Research</i> , <b>2002</b> , 75, 9-21	3.7	35
28	Detection of submicroscopic magnetite particles using reflectance mode confocal laser scanning microscopy. <i>Cell Biology International</i> , <b>2001</b> , 25, 985-90	4.5	9
27	Connexin43 gap junction protein plays an essential role in morphogenesis of the embryonic chick face. <i>Developmental Dynamics</i> , <b>2001</b> , 222, 420-38	2.9	34
26	Spatiotemporal depletion of connexins using antisense oligonucleotides. <i>Methods in Molecular Biology</i> , <b>2001</b> , 154, 175-85	1.4	8
25	Magnetite defines a vertebrate magnetoreceptor. <i>Nature</i> , <b>2000</b> , 406, 299-302	50.4	196
24	Structure, function, and use of the magnetic sense in animals (invited). <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 4653-4658	2.5	6
23	Roles for alpha 1 connexin in morphogenesis of chick embryos revealed using a novel antisense approach. <i>Genesis</i> , <b>1999</b> , 24, 33-42		59
22	Chapter 16: Gating of Gap Junction Channels and Hemichannels in the Lens: A Role in Cataract?. <i>Current Topics in Membranes</i> , <b>1999</b> , 49, 343-356	2.2	13
21	Connexins in the lens: are they to blame in diabetic cataractogenesis?. <i>Novartis Foundation Symposium</i> , <b>1999</b> , 219, 97-108; discussion 108-12		3
20	Connexin expression in Huntington's diseased human brain. <i>Cell Biology International</i> , <b>1998</b> , 22, 837-47	4.5	79
19	GAP JUNCTIONS IN THE BRAIN: PREFACE. <i>Cell Biology International</i> , <b>1998</b> , 22, 717	4.5	

18	Chapter 6 Gap junctions. <i>Principles of Medical Biology</i> , <b>1998</b> , 103-121		2
17	Structure and function of the vertebrate magnetic sense. <i>Nature</i> , <b>1997</b> , 390, 371-6	50.4	343
16	Connexin43 gap junction levels during development of the thoracic aorta are temporally correlated with elastic laminae deposition and increased blood pressure. <i>Cell Biology International</i> , <b>1997</b> , 21, 87-97	4.5	19
15	Expression of the connexin43 gap junctional protein in tissues at the tip of the chick limb bud is related to the epithelial-mesenchymal interactions that mediate morphogenesis. <i>Developmental Biology</i> , <b>1994</b> , 161, 12-21	3.1	49
14	Robert Feulgen Prize Lecture. Distribution and role of gap junctions in normal myocardium and human ischaemic heart disease. <i>Histochemistry</i> , <b>1993</b> , 99, 105-20		53
13	Expression of connexin43 gap junctions between cultured vascular smooth muscle cells is dependent upon phenotype. <i>Cell and Tissue Research</i> , <b>1993</b> , 271, 323-32	4.2	52
12	Direct cell-cell communication in the blood-forming system. <i>Tissue and Cell</i> , <b>1991</b> , 23, 457-70	2.7	44
11	Integrity of the dissociated adult cardiac myocyte: gap junction tearing and the mechanism of plasma membrane resealing. <i>Journal of Muscle Research and Cell Motility</i> , <b>1990</b> , 11, 154-66	3.5	14
10	Evidence mounts for the role of gap junctions during development. <i>BioEssays</i> , <b>1988</b> , 8, 7-10	4.1	34
9	A simplified method for the rapid isolation of cardiac intercalated discs. <i>Tissue and Cell</i> , <b>1983</b> , 15, 17-26	2.7	11
8	Intramembrane particle movement revealed by study of an intercellular junction. <i>Journal of Microscopy</i> , <b>1982</b> , 125, 201-206	1.9	1
7	A new type of gap junction in the phylum Brachiopoda. <i>Cell and Tissue Research</i> , <b>1982</b> , 227, 231-4	4.2	4
6	A clarification of the two types of invertebrate pleated septate junction. <i>Tissue and Cell</i> , <b>1981</b> , 13, 173-88	2.7	23
5	A variation of the smooth septate junction in sea spiders (pycnogonida). <i>Tissue and Cell</i> , <b>1981</b> , 13, 189-95	2.7	6
4	Septate junctions of the phylum Hemichordata. <i>Journal of Ultrastructure Research</i> , <b>1981</b> , 75, 1-10		8
3	Fixation-induced intramembrane particle movement demonstrated in freeze-fracture replicas of a new type of septate junction in echinoderm epithelia. <i>Journal of Ultrastructure Research</i> , <b>1981</b> , 75, 11-22		15
2	An anastomosing septate junction in endothelial cells of the phylum echinodermata. <i>Journal of Ultrastructure Research</i> , <b>1979</b> , 68, 72-80		32
1	The morphology of cilia in sponge larvae. <i>Tissue and Cell</i> , <b>1977</b> , 9, 179-84	2.7	20

