Christine Petit

List of Publications by Year
in descending order

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264	24,435	6840 81	9605 147
papers	citations	h-index	g-index

279	279	279	15106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Central auditory deficits associated with genetic forms of peripheral deafness. Human Genetics, 2022, 141, 335-345.	1.8	11
2	Genetic heterogeneity in GJB2, COL4A3, ATP6V1B1 and EDNRB variants detected among hearing impaired families in Morocco. Molecular Biology Reports, 2022, 49, 3949-3954.	1.0	2
3	Retinal Phenotype of Patients with CLRN1-Associated Usher 3A Syndrome in French Light4Deaf Cohort. , 2022, 63, 25.		0
4	A homozygous MPZL2 deletion is associated with non syndromic hearing loss in a moroccan family. International Journal of Pediatric Otorhinolaryngology, 2021, 140, 110481.	0.4	8
5	Contributions of Age-Related and Audibility-Related Deficits to Aided Consonant Identification in Presbycusis: A Causal-Inference Analysis. Frontiers in Aging Neuroscience, 2021, 13, 640522.	1.7	2
6	Phylogenetic analysis of Harmonin homology domains. BMC Bioinformatics, 2021, 22, 190.	1.2	5
7	Characteristics of Retinitis Pigmentosa Associated with ADGRV1 and Comparison with USH2A in Patients from a Multicentric Usher Syndrome Study Treatrush. International Journal of Molecular Sciences, 2021, 22, 10352.	1.8	3
8	Alpha-mannosidosis in Tunisian consanguineous families: Potential involvement of variants in GHR and SLC19A3 genes in the variable expressivity of cognitive impairment. PLoS ONE, 2021, 16, e0258202.	1.1	2
9	Retinal findings in pediatric patients with Usher syndrome Type 1 due to mutations in MYO7A gene. Eye, 2020, 34, 499-506.	1.1	5
10	PHENOTYPIC CHARACTERISTICS OF RODâ€“CONE DYSTROPHY ASSOCIATED WITH MYO7A MUTATIONS IN A LARGE FRENCH COHORT. Retina, 2020, 40, 1603-1615.	1.0	16
11	ATP6V1B1 recurrent mutations in Algerian deaf patients associated with renal tubular acidosis. International Journal of Pediatric Otorhinolaryngology, 2020, 129, 109772.	0.4	3
12	A Novel Heterozygous Missense Variant (c.667G>T;p.Gly223Cys) in USH1C That Interferes With Cadherin-Related 23 and Harmonin Interaction Causes Autosomal Dominant Nonsyndromic Hearing Loss. Annals of Laboratory Medicine, 2020, 40, 224-231.	1.2	3
13	SpiCee: A Genetic Tool for Subcellular and Cell-Specific Calcium Manipulation. Cell Reports, 2020, 32, 107934.	2.9	16
14	Spontaneous Mouse Behavior in Presence of Dissonance and Acoustic Roughness. Frontiers in Behavioral Neuroscience, 2020, 14, 588834.	1.0	2
15	Ultrarare heterozygous pathogenic variants of genes causing dominant forms of early-onset deafness underlie severe presbycusis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31278-31289.	3.3	29
16	Interaction of protocadherin-15 with the scaffold protein whirlin supports its anchoring of hair-bundle lateral links in cochlear hair cells. Scientific Reports, 2020, 10, 16430.	1.6	13
17	Novel Mutation in <i>AIFM1</i> Gene Associated with X-Linked Deafness in a Moroccan Family. Human Heredity, 2020, 85, 35-39.	0.4	7
18	Full-field electroretinography, visual acuity and visual fields in Usher syndrome: a multicentre European study. Documenta Ophthalmologica, 2019, 139, 151-160.	1.0	7

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19	Clarinâ€2 is essential for hearing by maintaining stereocilia integrity and function. EMBO Molecular Medicine, 2019, 11, e10288.	3.3	20
20	Genes Involved in the Development and Physiology of Both the Peripheral and Central Auditory Systems. Annual Review of Neuroscience, 2019, 42, 67-86.	5.0	33
21	SponGee: A Genetic Tool for Subcellular and Cell-Specific cGMP Manipulation. Cell Reports, 2019, 27, 4003-4012.e6.	2.9	16
22	The spectrum of GJB2 gene mutations in Algerian families with nonsyndromic hearing loss from Sahara and Kabylie regions. International Journal of Pediatric Otorhinolaryngology, 2019, 124, 157-160.	0.4	5
23	A Tunisian family with a novel mutation in the gene CYP 4F22 for lamellar ichthyosis and coâ€occurrence of hearing loss in a child due to mutation in the SLC 26A4 gene. International Journal of Dermatology, 2019, 58, 1439-1443.	0.5	4
24	Viral transfer of mini-otoferlins partially restores the fast component of exocytosis and uncovers ultrafast endocytosis in auditory hair cells of otoferlin knock-out mice. Journal of Neuroscience, 2019, 39, 1550-18.	1.7	28
25	Pejvakin-mediated pexophagy protects auditory hair cells against noise-induced damage. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8010-8017.	3.3	63
26	Dual AAV-mediated gene therapy restores hearing in a DFNB9 mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4496-4501.	3.3	162
27	Otogelin, otogelin-like, and stereocilin form links connecting outer hair cell stereocilia to each other and the tectorial membrane. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25948-25957.	3.3	35
28	Double Hyperautofluorescent Rings in Patients with USH2A-Retinopathy. Genes, 2019, 10, 956.	1.0	12
29	Clinical and Haplotypic Variability of Slovenian USH2A Patients Homozygous for the c. 11864G>A Nonsense Mutation. Genes, 2019, 10, 1015.	1.0	12
30	Further Evidence for the Implication of the MET Gene in Non-Syndromic Autosomal Recessive Deafness. Human Heredity, 2019, 84, 109-116.	0.4	5
31	DNABarcodeCompatibility: an R-package for optimizing DNA-barcode combinations in multiplex sequencing experiments. Bioinformatics, 2019, 35, 2690-2691.	1.8	1
32	Hair-Bundle Links: Genetics as the Gateway to Function. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a033142.	2.9	49
33	A novel missense mutation of GJA8 causes congenital cataract in a large Mauritanian family. European Journal of Ophthalmology, 2019, 29, 621-628.	0.7	7
34	Mutation profile of glaucoma candidate genes in Mauritanian families with primary congenital glaucoma. Molecular Vision, 2019, 25, 373-381.	1.1	3
35	Cone degeneration is triggered by the absence of USH1 proteins but prevented by antioxidant treatments. Scientific Reports, 2018, 8, 1968.	1.6	29
36	Down-expression of P2RX2, KCNQ5, ERBB3 and SOCS3 through DNA hypermethylation in elderly women with presbycusis. Biomarkers, 2018, 23, 347-356.	0.9	31

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37	A novel mutation in SLITRK6 causes deafness and myopia in a Moroccan family. Gene, 2018, 659, 89-92.	1.0	3
38	Mechanotransduction is required for establishing and maintaining mature inner hair cells and regulating efferent innervation. Nature Communications, 2018, 9, 4015.	5.8	54
39	Usher Syndrome and Color Vision. Current Eye Research, 2018, 43, 1295-1301.	0.7	3
40	Two novel homozygous missense mutations identified in the BSND gene in Moroccan patients with Bartter's syndrome. International Journal of Pediatric Otorhinolaryngology, 2018, 113, 46-50.	0.4	4
41	Genetic heterogeneity of congenital hearing impairment in Algerians from the GhardaÃ¯a province. International Journal of Pediatric Otorhinolaryngology, 2018, 112, 1-5.	0.4	14
42	Clarin-1 gene transfer rescues auditory synaptopathy in model of Usher syndrome. Journal of Clinical Investigation, 2018, 128, 3382-3401.	3.9	97
43	Different Ca_V1.3 Channel Isoforms Control Distinct Components of the Synaptic Vesicle Cycle in Auditory Inner Hair Cells. Journal of Neuroscience, 2017, 37, 2960-2975.	1.7	34
44	Spectrin Î²V adaptive mutations and changes in subcellular location correlate with emergence of hair cell electromotility in mammalians. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2054-2059.	3.3	29
45	CLINICAL PRESENTATION AND DISEASE COURSE OF USHER SYNDROME BECAUSE OF MUTATIONS IN MYO7A OR USH2A. Retina, 2017, 37, 1581-1590.	1.0	36
46	A novel PEX1 mutation in a Moroccan family with Zellweger spectrum disorders. Human Genome Variation, 2017, 4, 17009.	0.4	9
47	Usher syndrome type 1â€“associated cadherins shape the photoreceptor outer segment. Journal of Cell Biology, 2017, 216, 1849-1864.	2.3	47
48	Structural Characterization of Whirlin Reveals an Unexpected and Dynamic Supramodule Conformation of Its PDZ Tandem. Structure, 2017, 25, 1645-1656.e5.	1.6	22
49	Local gene therapy durably restores vestibular function in a mouse model of Usher syndrome type 1G. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9695-9700.	3.3	101
50	Auditory cortex interneuron development requires cadherins operating hair-cell mechanoelectrical transduction. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7765-7774.	3.3	35
51	Conformational switch of harmonin, a submembrane scaffold protein of the hair cell mechanoelectrical transduction machinery. FEBS Letters, 2017, 591, 2299-2310.	1.3	9
52	CIB2, defective in isolated deafness, is key for auditory hair cell mechanotransduction and survival. EMBO Molecular Medicine, 2017, 9, 1711-1731.	3.3	66
53	Otoferlin acts as a Ca2+ sensor for vesicle fusion and vesicle pool replenishment at auditory hair cell ribbon synapses. ELife, 2017, 6, .	2.8	108
54	Diversity of the Genes Implicated in Algerian Patients Affected by Usher Syndrome. PLoS ONE, 2016, 11, e0161893.	1.1	16

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55	Novel gene function revealed by mouse mutagenesis screens for models of age-related disease. Nature Communications, 2016, 7, 12444.	5.8	79
56	A novel biallelic splice site mutation of TECTA causes moderate to severe hearing impairment in an Algerian family. International Journal of Pediatric Otorhinolaryngology, 2016, 87, 28-33.	0.4	14
57	Class III myosins shape the auditory hair bundles by limiting microvilli and stereocilia growth. Journal of Cell Biology, 2016, 212, 231-244.	2.3	51
58	An innovative strategy for the molecular diagnosis of Usher syndrome identifies causal biallelic mutations in 93% of European patients. European Journal of Human Genetics, 2016, 24, 1730-1738.	1.4	77
59	Audition: Hearing and Deafness. , 2016, , 793-861.		1
60	Cadherins in the Auditory Sensory Organ. , 2016, , 341-361.		0
61	Mutations in CDC14A , Encoding a Protein Phosphatase Involved in Hair Cell Ciliogenesis, Cause Autosomal-Recessive Severe to Profound Deafness. American Journal of Human Genetics, 2016, 98, 1266-1270.	2.6	35
62	Class III myosins shape the auditory hair bundles by limiting microvilli and stereocilia growth. Journal of General Physiology, 2016, 147, 1472OIA7.	0.9	0
63	Genetic analysis of Tunisian families with Usher syndrome type 1: toward improving early molecular diagnosis. Molecular Vision, 2016, 22, 827-35.	1.1	17
64	EPS8L2 is a new causal gene for childhood onset autosomal recessive progressive hearing loss. Orphanet Journal of Rare Diseases, 2015, 10, 96.	1.2	20
65	Diversity of the causal genes in hearing impaired Algerian individuals identified by whole exome sequencing. Molecular Genetics & Genomic Medicine, 2015, 3, 189-196.	0.6	40
66	Estimation of Recent and Ancient Inbreeding in a Small Endogamous Tunisian Community Through Genomic Runs of Homozygosity. Annals of Human Genetics, 2015, 79, 402-417.	0.3	14
67	Whole Exome Sequencing Identifies Mutations in Usher Syndrome Genes in Profoundly Deaf Tunisian Patients. PLoS ONE, 2015, 10, e0120584.	1.1	18
68	The tip-link molecular complex of the auditory mechano-electrical transduction machinery. Hearing Research, 2015, 330, 10-17.	0.9	33
69	Hypervulnerability to Sound Exposure through Impaired Adaptive Proliferation of Peroxisomes. Cell, 2015, 163, 894-906.	13.5	158
70	Mutations in apoptosis-inducing factor cause X-linked recessive auditory neuropathy spectrum disorder. Journal of Medical Genetics, 2015, 52, 523-531.	1.5	92
71	Genetics of auditory mechano-electrical transduction. Pflugers Archiv European Journal of Physiology, 2015, 467, 49-72.	1.3	25
72	A synaptic F-actin network controls otoferlin-dependent exocytosis in auditory inner hair cells. ELife, 2015, 4, .	2.8	23

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73	Specific Aspects of Consanguinity: Some Examples from the Tunisian Population. Human Heredity, 2014, 77, 167-174.	0.4	21
74	Exocytotic Machineries of Vestibular Type I and Cochlear Ribbon Synapses Display Similar Intrinsic Otoferlin-Dependent Ca2+ Sensitivity But a Different Coupling to Ca2+ Channels. Journal of Neuroscience, 2014, 34, 10853-10869.	1.7	50
75	An unusually powerful mode of low-frequency sound interference due to defective hair bundles of the auditory outer hair cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9307-9312.	3.3	21
76	The <scp>CD</scp>2 isoform of protocadherinâ€15 is an essential component of the tipâ€link complex in mature auditory hair cells. EMBO Molecular Medicine, 2014, 6, 984-992.	3.3	62
77	Whole Exome Sequencing Identifies New Causative Mutations in Tunisian Families with Non-Syndromic Deafness. PLoS ONE, 2014, 9, e99797.	1.1	23
78	The retinal phenotype of Usher syndrome: Pathophysiological insights from animal models. Comptes Rendus - Biologies, 2014, 337, 167-177.	0.1	44
79	EPS8, encoding an actin-binding protein of cochlear hair cell stereocilia, is a new causal gene for autosomal recessive profound deafness. Orphanet Journal of Rare Diseases, 2014, 9, 55.	1.2	43
80	Targeted High-Throughput Sequencing Identifies Pathogenic Mutations in KCNQ4 in Two Large Chinese Families with Autosomal Dominant Hearing Loss. PLoS ONE, 2014, 9, e103133.	1.1	25
81	Hearing Is Normal without Connexin30. Journal of Neuroscience, 2013, 33, 430-434.	1.7	65
82	Neurogenetics. Current Opinion in Neurobiology, 2013, 23, 1-2.	2.0	86
83	Auditory Hair Cell Centrioles Undergo Confined Brownian Motion Throughout the Developmental Migration of the Kinocilium. Biophysical Journal, 2013, 105, 48-58.	0.2	18
84	Audition: Hearing and Deafness. , 2013, , 675-741.		3
85	Cadherin Defects in Inherited Human Diseases. Progress in Molecular Biology and Translational Science, 2013, 116, 361-384.	0.9	19
86	Auditory Distortions: Origins and Functions. Physiological Reviews, 2013, 93, 1563-1619.	13.1	84
87	The giant spectrin Î²V couples the molecular motors to phototransduction and Usher syndrome type I proteins along their trafficking route. Human Molecular Genetics, 2013, 22, 3773-3788.	1.4	48
88	Exome Sequencing and Linkage Analysis Identified Tenascin-C (TNC) as a Novel Causative Gene in Nonsyndromic Hearing Loss. PLoS ONE, 2013, 8, e69549.	1.1	46
89	A mouse model for human deafness DFNB22 reveals that hearing impairment is due to a loss of inner hair cell stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19351-19356.	3.3	57
90	Localization of Usher 1 proteins to the photoreceptor calyceal processes, which are absent from mice. Journal of Cell Biology, 2012, 199, 381-399.	2.3	145

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91	Fundus autofluorescence and optical coherence tomography in relation to visual function in Usher syndrome type 1 and 2. Vision Research, 2012, 75, 60-70.	0.7	45
92	Defect in the gene encoding the EAR/EPTP domain-containing protein TSPEAR causes DFNB98 profound deafness. Human Molecular Genetics, 2012, 21, 3835-3844.	1.4	53
93	The Auditory Hair Cell Ribbon Synapse: From Assembly to Function. Annual Review of Neuroscience, 2012, 35, 509-528.	5.0	158
94	Probing the Functional Equivalence of Otoferlin and Synaptotagmin 1 in Exocytosis. Journal of Neuroscience, 2011, 31, 4886-4895.	1.7	94
95	How the Genetics of Deafness Illuminates Auditory Physiology. Annual Review of Physiology, 2011, 73, 311-334.	5.6	195
96	Complete exon sequencing of all known Usher syndrome genes greatly improves molecular diagnosis. Orphanet Journal of Rare Diseases, 2011, 6, 21.	1.2	93
97	Stereocilin connects outer hair cell stereocilia to one another and to the tectorial membrane. Journal of Comparative Neurology, 2011, 519, 194-210.	0.9	98
98	Usher type 1G protein sans is a critical component of the tip-link complex, a structure controlling actin polymerization in stereocilia. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5825-5830.	3.3	120
99	Coupling of the mechanotransduction machinery and stereocilia F-actin polymerization in the cochlear hair bundles. Bioarchitecture, 2011, 1, 169-174.	1.5	28
100	Screening mutations of OTOFgene in Chinese patients with auditory neuropathy, including a familial case of temperature-sensitive auditory neuropathy. BMC Medical Genetics, 2010, 11, 79.	2.1	45
101	Consortin, a trans-Golgi network cargo receptor for the plasma membrane targeting and recycling of connexins. Human Molecular Genetics, 2010, 19, 262-275.	1.4	35
102	Cochlear outer hair cells undergo an apical circumference remodeling constrained by the hair bundle shape. Development (Cambridge), 2010, 137, 1373-1383.	1.2	41
103	Control of Exocytosis by Synaptotagmins and Otoferlin in Auditory Hair Cells. Journal of Neuroscience, 2010, 30, 13281-13290.	1.7	106
104	Cadherins as Targets for Genetic Diseases. Cold Spring Harbor Perspectives in Biology, 2010, 2, a003095-a003095.	2.3	49
105	Cadherin-23, myosin VIIa and harmonin, encoded by Usher syndrome type I genes, form a ternary complex and interact with membrane phospholipids. Human Molecular Genetics, 2010, 19, 3557-3565.	1.4	94
106	Temperature-sensitive auditory neuropathy associated with an otoferlin mutation: Deafening fever!. Biochemical and Biophysical Research Communications, 2010, 394, 737-742.	1.0	74
107	Wrapping up Stereocilia Rootlets. Cell, 2010, 141, 748-750.	13.5	8
108	Otoferlin Is Critical for a Highly Sensitive and Linear Calcium-Dependent Exocytosis at Vestibular Hair Cell Ribbon Synapses. Journal of Neuroscience, 2009, 29, 10474-10487.	1.7	113

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109	Myosin VI is required for the proper maturation and function of inner hair cell ribbon synapses. Human Molecular Genetics, 2009, 18, 4615-4628.	1.4	81
110	Vezatin, an integral membrane protein of adherens junctions, is required for the sound resilience of cochlear hair cells. EMBO Molecular Medicine, 2009, 1, 125-138.	3.3	39
111	Harmonin-b, an actin-binding scaffold protein, is involved in the adaptation of mechanoelectrical transduction by sensory hair cells. Pflugers Archiv European Journal of Physiology, 2009, 459, 115-130.	1.3	77
112	Re-assigning the DFNB33 locus to chromosome 10p11.23â€“q21.1. European Journal of Human Genetics, 2009, 17, 122-124.	1.4	4
113	Human adenylate kinase 2 deficiency causes a profound hematopoietic defect associated with sensorineural deafness. Nature Genetics, 2009, 41, 106-111.	9.4	198
114	Linking genes underlying deafness to hair-bundle development and function. Nature Neuroscience, 2009, 12, 703-710.	7.1	156
115	Myosin VII. , 2008, , 353-373.		4
116	Stereocilin-deficient mice reveal the origin of cochlear waveform distortions. Nature, 2008, 456, 255-258.	13.7	114
117	Ciliary proteins link basal body polarization to planar cell polarity regulation. Nature Genetics, 2008, 40, 69-77.	9.4	306
118	Essential requirement for zebrafish anosmin-1a in the migration of the posterior lateral line primordium. Developmental Biology, 2008, 320, 469-479.	0.9	25
119	A core cochlear phenotype in USH1 mouse mutants implicates fibrous links of the hair bundle in its cohesion, orientation and differential growth. Development (Cambridge), 2008, 135, 1427-1437.	1.2	193
120	Calcium- and Otoferlin-Dependent Exocytosis by Immature Outer Hair Cells. Journal of Neuroscience, 2008, 28, 1798-1803.	1.7	80
121	Chapter 8 Mouse Models for Human Hereditary Deafness. Current Topics in Developmental Biology, 2008, 84, 385-429.	1.0	68
122	Î±II-Î²V spectrin bridges the plasma membrane and cortical lattice in the lateral wall of the auditory outer hair cells. Journal of Cell Science, 2008, 121, 3347-3356.	1.2	62
123	Cells of adult brain germinal zone have properties akin to hair cells and can be used to replace inner ear sensory cells after damage. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 21000-21005.	3.3	32
124	Human Adenylate Kinase 2 Deficiency Causes a Profound Haematopoietic Defect Associated with Sensorineural Deafness. Blood, 2008, 112, lba-2-lba-2.	0.6	2
125	Molecular Characterization of the Ankle-Link Complex in Cochlear Hair Cells and Its Role in the Hair Bundle Functioning. Journal of Neuroscience, 2007, 27, 6478-6488.	1.7	190
126	Shroom2, a myosin-VIIa- and actin-binding protein, directly interacts with ZO-1 at tight junctions. Journal of Cell Science, 2007, 120, 2838-2850.	1.2	60

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127	Connexin30 deficiency causes instrastrial fluid-blood barrier disruption within the cochlear stria vascularis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6229-6234.	3.3	154
128	Transcription Factor SIX5 Is Mutated in Patients with Branchio-Oto-Renal Syndrome. American Journal of Human Genetics, 2007, 80, 800-804.	2.6	164
129	Conditional knock-out reveals that zygotic vezatin-null mouse embryos die at implantation. Mechanisms of Development, 2007, 124, 449-462.	1.7	15
130	Whole mitochondrial genome screening in maternally inherited non-syndromic hearing impairment using a microarray resequencing mitochondrial DNA chip. European Journal of Human Genetics, 2007, 15, 1145-1155.	1.4	85
131	Otoferlin, Defective in a Human Deafness Form, Is Essential for Exocytosis at the Auditory Ribbon Synapse. Cell, 2006, 127, 277-289.	13.5	554
132	From deafness genes to hearing mechanisms: harmony and counterpoint. Trends in Molecular Medicine, 2006, 12, 57-64.	3.5	73
133	Mutations in the gene encoding pejvakin, a newly identified protein of the afferent auditory pathway, cause DFNB59 auditory neuropathy. Nature Genetics, 2006, 38, 770-778.	9.4	262
134	SLC26A4 gene is frequently involved in nonsyndromic hearing impairment with enlarged vestibular aqueduct in Caucasian populations. European Journal of Human Genetics, 2006, 14, 773-779.	1.4	204
135	Kallmann Syndrome: Mutations in the Genes Encoding Prokineticin-2 and Prokineticin Receptor-2. PLoS Genetics, 2006, 2, e175.	1.5	391
136	TheGJB2 mutation R75Q can cause nonsyndromic hearing loss DFNA3 or hereditary palmoplantar keratoderma with deafness. American Journal of Medical Genetics, Part A, 2005, 137A, 225-227.	0.7	27
137	Usher I syndrome: unravelling the mechanisms that underlie the cohesion of the growing hair bundle in inner ear sensory cells. Journal of Cell Science, 2005, 118, 4593-4603.	1.2	172
138	Connexins Responsible for Hereditary Deafness â€" The Tale Unfolds. , 2005, , 111-134.		8
139	Usherin, the defective protein in Usher syndrome type IIA, is likely to be a component of interstereocilia ankle links in the inner ear sensory cells. Human Molecular Genetics, 2005, 14, 3921-3932.	1.4	166
140	PHR1, an integral membrane protein of the inner ear sensory cells, directly interacts with myosin 1c and myosin VIIa. Journal of Cell Science, 2005, 118, 2891-2899.	1.2	33
141	Chronic Mild Hyperhomocysteinemia Induces Aortic Endothelial Dysfunction but Does Not Elevate Arterial Pressure in Rats. Journal of Vascular Research, 2005, 42, 148-156.	0.6	12
142	GJB2 and GJB6 Mutations. JAMA Otolaryngology, 2005, 131, 481.	1.5	93
143	Interactions in the network of Usher syndrome type 1 proteins. Human Molecular Genetics, 2005, 14, 347-356.	1.4	231
144	Myosin XVa and whirlin, two deafness gene products required for hair bundle growth, are located at the stereocilia tips and interact directly. Human Molecular Genetics, 2005, 14, 401-410.	1.4	166

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145	Initial characterization of kinocilin, a protein of the hair cell kinocilium. Hearing Research, 2005, 203, 144-153.	0.9	25
146	Cadherin 23 is a component of the transient lateral links in the developing hair bundles of cochlear sensory cells. Developmental Biology, 2005, 280, 281-294.	0.9	151
147	Vezatin, a protein associated to adherens junctions, is required for mouse blastocyst morphogenesis. Developmental Biology, 2005, 287, 180-191.	0.9	30
148	SIX1 mutations cause branchio-oto-renal syndrome by disruption of EYA1-SIX1-DNA complexes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8090-8095.	3.3	374
149	Unconventional myosin VIIa and vezatin, two proteins crucial forListeriaentry into epithelial cells. Journal of Cell Science, 2004, 117, 2121-2130.	1.2	75
150	Clinical evidence of the nonpathogenic nature of the M34T variant in the connexin 26 gene. European Journal of Human Genetics, 2004, 12, 279-284.	1.4	48
151	Expression of the connexin43- and connexin45-encoding genes in the developing and mature mouse inner ear. Cell and Tissue Research, 2004, 316, 15-22.	1.5	68
152	Large deletion of theGJB6gene in deaf patients heterozygous for theGJB2gene mutation: Genotypic and phenotypic analysis. , 2004, 127A, 263-267.		42
153	Memorial lecture?hereditary sensory defects: From genes to pathogenesis. American Journal of Medical Genetics Part A, 2004, 130A, 3-7.	2.4	4
154	Characterisation of DRASIC in the mouse inner ear. Hearing Research, 2004, 190, 149-160.	0.9	64
155	A novel locus for autosomal dominant nonsyndromic hearing loss (DFNA44) maps to chromosome 3q28-29. Human Genetics, 2003, 112, 24-28.	1.8	21
156	Anosmin-1 immunoreactivity during embryogenesis in a primitive eutherian mammal. Developmental Brain Research, 2003, 140, 157-167.	2.1	28
157	Mapping of a new autosomal recessive nonsyndromic hearing loss locus (DFNB32) to chromosome 1p13.3-22.1. European Journal of Human Genetics, 2003, 11, 185-188.	1.4	20
158	DFNB40, a recessive form of sensorineural hearing loss, maps to chromosome 22q11.21â€“12.1. European Journal of Human Genetics, 2003, 11, 816-818.	1.4	7
159	Loss-of-function mutations in FGFR1 cause autosomal dominant Kallmann syndrome. Nature Genetics, 2003, 33, 463-465.	9.4	764
160	Defects in whirlin, a PDZ domain molecule involved in stereocilia elongation, cause deafness in the whirler mouse and families with DFNB31. Nature Genetics, 2003, 34, 421-428.	9.4	293
161	Prevalence and Evolutionary Origins of the del(GJB6-D13S1830) Mutation in the DFNB1 Locus in Hearing-Impaired Subjects: a Multicenter Study. American Journal of Human Genetics, 2003, 73, 1452-1458.	2.6	269
162	Rab27A and its effector MyRIP link secretory granules to F-actin and control their motion towards release sites. Journal of Cell Biology, 2003, 163, 559-570.	2.3	154

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163	Usher syndrome type I G (USH1G) is caused by mutations in the gene encoding SANS, a protein that associates with the USH1C protein, harmonin. Human Molecular Genetics, 2003, 12, 463-471.	1.4	262
164	Prestin, a cochlear motor protein, is defective in non-syndromic hearing loss. Human Molecular Genetics, 2003, 12, 1155-1162.	1.4	173
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