

# Michael Lovett

## List of Publications by Year in descending order

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49  
papers

5,875  
citations

201674

27  
h-index

233421

45  
g-index

50  
all docs

50  
docs citations

50  
times ranked

6091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular endothelial growth factor is required for regeneration of auditory hair cells in the avian inner ear. <i>Hearing Research</i> , 2020, 385, 107839.	2.0	17
2	Regenerating hair cells in vestibular sensory epithelia from humans. <i>ELife</i> , 2018, 7, .	6.0	39
3	ADAM10 and $\beta$ 3-secretase regulate sensory regeneration in the avian vestibular organs. <i>Developmental Biology</i> , 2017, 428, 39-51.	2.0	11
4	Multiplexed direct genomic selection (MDiGS): a pooled BAC capture approach for highly accurate CNV and SNP/INDEL detection. <i>Nucleic Acids Research</i> , 2014, 42, e82-e82.	14.5	14
5	Retinoic acid signalling regulates the development of tonotopically patterned hair cells in the chicken cochlea. <i>Nature Communications</i> , 2014, 5, 3840.	12.8	43
6	A gradient of Bmp7 specifies the tonotopic axis in the developing inner ear. <i>Nature Communications</i> , 2014, 5, 3839.	12.8	35
7	The Transcriptome of Utricle Hair Cell Regeneration in the Avian Inner Ear. <i>Journal of Neuroscience</i> , 2014, 34, 3523-3535.	3.6	98
8	The applications of single-cell genomics. <i>Human Molecular Genetics</i> , 2013, 22, R22-R26.	2.9	24
9	Combined deep microRNA and mRNA sequencing identifies protective transcriptomal signature of enhanced PI3K $\beta$ signaling in cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 101-112.	1.9	39
10	A Cross-Species Analysis of MicroRNAs in the Developing Avian Face. <i>PLoS ONE</i> , 2012, 7, e35111.	2.5	27
11	Identification of direct downstream targets of Dlx5 during early inner ear development. <i>Human Molecular Genetics</i> , 2011, 20, 1262-1273.	2.9	37
12	An RNA Interference-Based Screen of Transcription Factor Genes Identifies Pathways Necessary for Sensory Regeneration in the Avian Inner Ear. <i>Journal of Neuroscience</i> , 2011, 31, 4535-4543.	3.6	31
13	Downstream targets of <i>GATA3</i> in the vestibular sensory organs of the inner ear. <i>Developmental Dynamics</i> , 2009, 238, 3093-3102.	1.8	17
14	Disruption of Sodium Bicarbonate Transporter SLC4A10 in a Patient With Complex Partial Epilepsy and Mental Retardation. <i>Archives of Neurology</i> , 2008, 65, 550.	4.5	61
15	Toward a Systems Biology of Mouse Inner Ear Organogenesis: Gene Expression Pathways, Patterns and Network Analysis. <i>Genetics</i> , 2007, 177, 631-653.	2.9	59
16	Large Scale Gene Expression Profiles of Regenerating Inner Ear Sensory Epithelia. <i>PLoS ONE</i> , 2007, 2, e525.	2.5	71
17	Applying genomics to the avian inner ear: Development of subtractive cDNA resources for exploring sensory function and hair cell regeneration. <i>Genomics</i> , 2006, 87, 801-808.	2.9	19
18	Molecular Properties of Adult Mouse Gastric and Intestinal Epithelial Progenitors in Their Niches. <i>Journal of Biological Chemistry</i> , 2006, 281, 11292-11300.	3.4	149

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19	Direct genomic selection. <i>Nature Methods</i> , 2005, 2, 63-69.	19.0	81
20	Genome mapping overview. , 2005, , .		0
21	An ORFeome-based Analysis of Human Transcription Factor Genes and the Construction of a Microarray to Interrogate Their Expression. <i>Genome Research</i> , 2004, 14, 2041-2047.	5.5	130
22	SNTG1, the gene encoding ?1-syntrophin: a candidate gene for idiopathic scoliosis. <i>Human Genetics</i> , 2004, 115, 81-89.	3.8	64
23	Gene expression differences in quiescent versus regenerating hair cells of avian sensory epithelia: implications for human hearing and balance disorders. <i>Human Molecular Genetics</i> , 2003, 12, 1261-1272.	2.9	59
24	Mutations in CD2BP1 disrupt binding to PTP PEST and are responsible for PAPA syndrome, an autoinflammatory disorder. <i>Human Molecular Genetics</i> , 2002, 11, 961-969.	2.9	413
25	Direct Selection of cDNAs Using Genomic Contigs. , 2001, Chapter 6, Unit 6.3.		5
26	cDNA detection and analysis. <i>Current Opinion in Chemical Biology</i> , 2001, 5, 15-20.	6.1	19
27	Diminished levels of the putative tumor suppressor proteins EXT1 and EXT2 in exostosis chondrocytes. <i>Cytoskeleton</i> , 2001, 48, 149-162.	4.4	50
28	Zeroing in on tolerance. <i>Nature Medicine</i> , 2001, 7, 279-281.	30.7	7
29	TTY2: A Multicopy Y-Linked Gene Family. <i>Genome Research</i> , 2001, 11, 935-945.	5.5	18
30	Refinement of the RP17 locus for autosomal dominant retinitis pigmentosa, construction of a YAC contig and investigation of the candidate gene retinal fascin. <i>European Journal of Human Genetics</i> , 1999, 7, 332-338.	2.8	17
31	Identification of the Finnish founder mutation for diastrophic dysplasia (DTD). <i>European Journal of Human Genetics</i> , 1999, 7, 664-670.	2.8	53
32	In vitro transformation of cell lines from human salivary gland tumors. , 1999, 81, 793-798.		18
33	[8] Direct cDNA selection using large genomic DNA targets. <i>Methods in Enzymology</i> , 1999, 303, 111-126.	1.0	6
34	A refined localization of two deleted regions in chromosome 6q associated with salivary gland carcinomas. <i>Oncogene</i> , 1998, 16, 83-88.	5.9	46
35	Localization of a novel gene for nonsyndromic hearing loss (DFNB17) to chromosome region 7q31. <i>American Journal of Medical Genetics Part A</i> , 1998, 78, 107-113.	2.4	45
36	Localization of a novel gene for nonsyndromic hearing loss (DFNB17) to chromosome region 7q31. <i>American Journal of Medical Genetics Part A</i> , 1998, 78, 107-113.	2.4	1

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37	Isolation of Coding Sequences from Genomic Regions Using Direct Selection. , 1997, 68, 183-200.		22
38	Cosmid Contig and Transcriptional Map of Three Regions of Human Chromosome 21q22: Identification of 37 Novel Transcripts by Direct Selection. Genomics, 1997, 45, 59-67.	2.9	11
39	Novel Genes Mapping to the Critical Region of the 5q <sup>+</sup> Syndrome. Genomics, 1997, 45, 88-96.	2.9	20
40	New gene for autosomal recessive non-syndromic hearing loss maps to either chromosome 3q or 19p. American Journal of Medical Genetics Part A, 1997, 71, 467-471.	2.4	50
41	[10]Isolating and mapping coding regions from complex genomes: Direct cDNA selection. Methods in Molecular Genetics, 1996, 8, 189-206.	0.6	1
42	The EXT2 multiple exostoses gene defines a family of putative tumour suppressor genes. Nature Genetics, 1996, 14, 25-32.	21.4	328
43	Five novel genes from the cri-du-chat critical region isolated by direct selection. Human Molecular Genetics, 1995, 4, 295-302.	2.9	56
44	Direct selection of expressed sequences within a 1-Mb region flanking BRCA1 on human chromosome 17q21. Genomics, 1995, 25, 248-255.	2.9	21
45	A Single Ataxia Telangiectasia Gene with a Product Similar to PI-3 Kinase. Science, 1995, 268, 1749-1753.	12.6	2,634
46	Fishing for complements: finding genes by direct selection. Trends in Genetics, 1994, 10, 352-357.	6.7	66
47	The diastrophic dysplasia gene encodes a novel sulfate transporter: Positional cloning by fine-structure linkage disequilibrium mapping. Cell, 1994, 78, 1073-1087.	28.9	731
48	Isolation of region-specific cosmids from chromosome 5 by hybridization with microdissection clones. Nucleic Acids Research, 1992, 20, 1401-1404.	14.5	9
49	A fragment of the SV40 large T-antigen gene transforms. Nature, 1982, 299, 59-61.	27.8	103