Ophir D Klein

List of Publications by Year in Descending Order

172 papers	7,552 citations	44 h-index	83 g-index
192 ext. papers	9,328 ext. citations	8.5 avg, IF	5.94 L-index

#	Paper	IF	Citations
172	Microbial signals, MyD88, and lymphotoxin drive TNF-independent intestinal epithelial tissue damage.. *Journal of Clinical Investigation*, **2022**,	15.9	2
171	MEK-inhibitor-mediated rescue of skeletal myopathy caused by activating Hras mutation in a Costello syndrome mouse model. *DMM Disease Models and Mechanisms*, **2022**, 15,	4.1	4
170	LGL1 binds to Integrin β1 and inhibits downstream signaling to promote epithelial branching in the mammary gland.. *Cell Reports*, **2022**, 38, 110375	10.6	1
169	SRSF1 governs progenitor-specific alternative splicing to maintain adult epithelial tissue homeostasis and renewal.. *Developmental Cell*, **2022**,	10.2	1
168	CNPY4 inhibits the Hedgehog pathway by modulating membrane sterol lipids.. *Nature Communications*, **2022**, 13, 2407	17.4	1
167	Large-scale open-source three-dimensional growth curves for clinical facial assessment and objective description of facial dysmorphism. *Scientific Reports*, **2021**, 11, 12175	4.9	2
166	Early perturbation of Wnt signaling reveals patterning and invagination-evagination control points in molar tooth development. *Development (Cambridge)*, **2021**, 148,	6.6	1
165	Transit-Amplifying Cells Coordinate Changes in Intestinal Epithelial Cell-Type Composition. *Developmental Cell*, **2021**, 56, 356-365.e9	10.2	6
164	Salivary gland: A budding genius. *Developmental Cell*, **2021**, 56, 2271-2272	10.2	
163	Application of full-genome analysis to diagnose rare monogenic disorders. *Npj Genomic Medicine*, **2021**, 6, 77	6.2	0
162	Inflation-collapse dynamics drive patterning and morphogenesis in intestinal organoids. *Cell Stem Cell*, **2021**, 28, 1516-1532.e14	18	10
161	Automated syndrome diagnosis by three-dimensional facial imaging. *Genetics in Medicine*, **2020**, 22, 1682-1693	8.1	17
160	Tools and Concepts for Interrogating and Defining Cellular Identity. *Cell Stem Cell*, **2020**, 26, 632-656	18	14
159	LGR5 in breast cancer and ductal carcinoma in situ: a diagnostic and prognostic biomarker and a therapeutic target. *BMC Cancer*, **2020**, 20, 542	4.8	11
158	Fully Automatic Landmarking of Syndromic 3D Facial Surface Scans Using 2D Images. *Sensors*, **2020**, 20,	3.8	4
157	From gut to glutes: The critical role of niche signals in the maintenance and renewal of adult stem cells. *Current Opinion in Cell Biology*, **2020**, 63, 88-101	9	5
156	Molecular and cellular mechanisms of tooth development, homeostasis and repair. *Development (Cambridge)*, **2020**, 147,	6.6	49

155	Lgr5+ tuft cells are a signaling source at the intestinal villus tip. *Nature Communications*, **2020**, 11, 1936	17.4	43
154	KrasP34R and KrasT58I mutations induce distinct RASopathy phenotypes in mice. *JCI Insight*, **2020**, 5,	9.9	3
153	Generation of Knockout Gene-Edited Human Intestinal Organoids. *Methods in Molecular Biology*, **2020**, 2171, 215-230	1.4	1
152	Asymmetric Stratification-Induced Polarity Loss and Coordinated Individual Cell Movements Drive Directional Migration of Vertebrate Epithelium. *Cell Reports*, **2020**, 33, 108246	10.6	4
151	FaceBase 3: analytical tools and FAIR resources for craniofacial and dental research. *Development (Cambridge)*, **2020**, 147,	6.6	8
150	Engineering synthetic morphogen systems that can program multicellular patterning. *Science*, **2020**, 370, 327-331	33.3	31
149	FAM20B-catalyzed glycosaminoglycans control murine tooth number by restricting FGFR2b signaling. *BMC Biology*, **2020**, 18, 87	7.3	3
148	The UCSF Mouse Inventory Database Application, an Open Source Web App for Sharing Mutant Mice Within a Research Community. *G3: Genes, Genomes, Genetics*, **2020**, 10, 1503-1510	3.2	
147	Dental cell type atlas reveals stem and differentiated cell types in mouse and human teeth. *Nature Communications*, **2020**, 11, 4816	17.4	42
146	Case Report of Floating-Harbor Syndrome With Bilateral Cleft Lip. *Cleft Palate-Craniofacial Journal*, **2020**, 57, 132-136	1.9	1
145	Atoh1 secretory progenitors possess renewal capacity independent of Lgr5 cells during colonic regeneration. *EMBO Journal*, **2019**, 38,	13	32
144	A large pool of actively cycling progenitors orchestrates self-renewal and injury repair of an ectodermal appendage. *Nature Cell Biology*, **2019**, 21, 1102-1112	23.4	32
143	Downregulation of FGF Signaling by Overexpression Leads to Shape Impairment, Enamel Irregularities, and Delayed Signaling Center Formation in the Mouse Molar. *JBMR Plus*, **2019**, 3, e10205	3.9	1
142	Sonic Hedgehog Signaling Is Required for Cyp26 Expression during Embryonic Development. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
141	Use of organoids to study regenerative responses to intestinal damage. *American Journal of Physiology - Renal Physiology*, **2019**, 317, G845-G852	5.1	9
140	Heterogeneity within Stratified Epithelial Stem Cell Populations Maintains the Oral Mucosa in Response to Physiological Stress. *Cell Stem Cell*, **2019**, 25, 814-829.e6	18	17
139	Prominin-1 controls stem cell activation by orchestrating ciliary dynamics. *EMBO Journal*, **2019**, 38,	13	26
138	Quantitative Clonal Analysis and Single-Cell Transcriptomics Reveal Division Kinetics, Hierarchy, and Fate of Oral Epithelial Progenitor Cells. *Cell Stem Cell*, **2019**, 24, 183-192.e8	18	30

137	Intestinal renewal across the animal kingdom: comparing stem cell activity in mouse and Drosophila. *American Journal of Physiology - Renal Physiology*, **2019**, 316, G313-G322	5.1	19
136	Feedback regulation of RTK signaling in development. *Developmental Biology*, **2019**, 447, 71-89	3.1	34
135	Epithelial WNT Ligands Are Essential Drivers of Intestinal Stem Cell Activation. *Cell Reports*, **2018**, 22, 1003-1015	10.6	33
134	Engineered Tissue Folding by Mechanical Compaction of the Mesenchyme. *Developmental Cell*, **2018**, 44, 165-178.e6	10.2	95
133	Bmi1+ Progenitor Cell Dynamics in Murine Cornea During Homeostasis and Wound Healing. *Stem Cells*, **2018**, 36, 562-573	5.8	8
132	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. *Npj Genomic Medicine*, **2018**, 3, 21	6.2	15
131	FGF signalling controls the specification of hair placode-derived SOX9 positive progenitors to Merkel cells. *Nature Communications*, **2018**, 9, 2333	17.4	17
130	Plasticity within the niche ensures the maintenance of a stem cell population in the mouse incisor. *Development (Cambridge)*, **2018**, 145,	6.6	19
129	Cellular aspect ratio and cell division mechanics underlie the patterning of cell progeny in diverse mammalian epithelia. *ELife*, **2018**, 7,	8.9	36
128	Body size and allometric variation in facial shape in children. *American Journal of Physical Anthropology*, **2018**, 165, 327-342	2.5	14
127	Bones, Glands, Ears and More: The Multiple Roles of FGF10 in Craniofacial Development. *Frontiers in Genetics*, **2018**, 9, 542	4.5	13
126	LRH-1 mitigates intestinal inflammatory disease by maintaining epithelial homeostasis and cell survival. *Nature Communications*, **2018**, 9, 4055	17.4	33
125	Tissue Mechanical Forces and Evolutionary Developmental Changes Act Through Space and Time to Shape Tooth Morphology and Function. *BioEssays*, **2018**, 40, e1800140	4.1	12
124	Mechanoresponsive stem cells acquire neural crest fate in jaw regeneration. *Nature*, **2018**, 563, 514-521	50.4	77
123	The intestinal epithelial response to damage. *Science China Life Sciences*, **2018**, 61, 1205-1211	8.5	12
122	Parasitic helminths induce fetal-like reversion in the intestinal stem cell niche. *Nature*, **2018**, 559, 109-113	50.4	116
121	SOX2 regulation by hedgehog signaling controls adult lingual epithelium homeostasis. *Development (Cambridge)*, **2018**, 145,	6.6	12
120	Human Facial Shape and Size Heritability and Genetic Correlations. *Genetics*, **2017**, 205, 967-978	4	33

119	EPHRIN-B1 Mosaicism Drives Cell Segregation in Craniofrontonasal Syndrome hiPSC-Derived Neuroepithelial Cells. *Stem Cell Reports*, **2017**, 8, 529-537	8	7
118	Intrinsically disordered proteins drive enamel formation via an evolutionarily conserved self-assembly motif. *Proceedings of the National Academy of Sciences of the United States of America* , **2017**, 114, E1641-E1650	11.5	34
117	An FAK-YAP-mTOR Signaling Axis Regulates Stem Cell-Based Tissue Renewal in Mice. *Cell Stem Cell*, **2017**, 21, 91-106.e6	18	118
116	FGF signaling refines Wnt gradients to regulate the patterning of taste papillae. *Development (Cambridge)*, **2017**, 144, 2212-2221	6.6	10
115	From snapshots to movies: Understanding early tooth development in four dimensions. *Developmental Dynamics*, **2017**, 246, 442-450	2.9	11
114	The Interaction of Genetic Background and Mutational Effects in Regulation of Mouse Craniofacial Shape. *G3: Genes, Genomes, Genetics*, **2017**, 7, 1439-1450	3.2	14
113	Cell fate specification in the lingual epithelium is controlled by antagonistic activities of Sonic hedgehog and retinoic acid. *PLoS Genetics*, **2017**, 13, e1006914	6	12
112	Automatic recognition of the XLHED phenotype from facial images. *American Journal of Medical Genetics, Part A*, **2017**, 173, 2408-2414	2.5	24
111	Lineage tracing of epithelial cells in developing teeth reveals two strategies for building signaling centers. *Journal of Biological Chemistry*, **2017**, 292, 15062-15069	5.4	15
110	Isl1 Controls Patterning and Mineralization of Enamel in the Continuously Renewing Mouse Incisor. *Journal of Bone and Mineral Research*, **2017**, 32, 2219-2231	6.3	7
109	Resolving stem and progenitor cells in the adult mouse incisor through gene co-expression analysis. *ELife*, **2017**, 6,	8.9	29
108	Author response: Resolving stem and progenitor cells in the adult mouse incisor through gene co-expression analysis **2017**,		2
107	SPRY1 regulates mammary epithelial morphogenesis by modulating EGFR-dependent stromal paracrine signaling and ECM remodeling. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E5731-40	11.5	31
106	Watching a deep dive: Live imaging provides lessons about tooth invagination. *Journal of Cell Biology*, **2016**, 214, 645-7	7.3	3
105	-catenin inhibits YAP/TAZ activity to regulate signalling centre formation during tooth development. *Nature Communications*, **2016**, 7, 12133	17.4	30
104	The FaceBase Consortium: a comprehensive resource for craniofacial researchers. *Development (Cambridge)*, **2016**, 143, 2677-88	6.6	35
103	Modeling craniofacial and skeletal congenital birth defects to advance therapies. *Human Molecular Genetics*, **2016**, 25, R86-R93	5.6	6
102	Identification of novel Fgf enhancers and their role in dental evolution. *Evolution & Development*, **2016**, 18, 31-40	2.6	6

101	Human iPS Cell-Derived Neurons Uncover the Impact of Increased Ras Signaling in Costello Syndrome. *Journal of Neuroscience*, **2016**, 36, 142-52	6.6	25
100	Enamel evolution: Back in time by a molecular manipulation **2016**, 201-202		
99	Genome-Wide Association Study Reveals Multiple Loci Influencing Normal Human Facial Morphology. *PLoS Genetics*, **2016**, 12, e1006149	6	80
98	Genomewide Association Study of African Children Identifies Association of SCHIP1 and PDE8A with Facial Size and Shape. *PLoS Genetics*, **2016**, 12, e1006174	6	53
97	Expression of FGFs during early mouse tongue development. *Gene Expression Patterns*, **2016**, 20, 81-7	1.5	9
96	Sprouty2 regulates endochondral bone formation by modulation of RTK and BMP signaling. *Bone*, **2016**, 88, 170-179	4.7	9
95	Sox2 and Lef-1 interact with Pitx2 to regulate incisor development and stem cell renewal. *Development (Cambridge)*, **2016**, 143, 4115-4126	6.6	41
94	Inhibition of Notch Signaling During Mouse Incisor Renewal Leads to Enamel Defects. *Journal of Bone and Mineral Research*, **2016**, 31, 152-62	6.3	11
93	Phenotypic and evolutionary implications of modulating the ERK-MAPK cascade using the dentition as a model. *Scientific Reports*, **2015**, 5, 11658	4.9	15
92	DLX4 is associated with orofacial clefting and abnormal jaw development. *Human Molecular Genetics*, **2015**, 24, 4340-52	5.6	28
91	Opposing activities of Notch and Wnt signaling regulate intestinal stem cells and gut homeostasis. *Cell Reports*, **2015**, 11, 33-42	10.6	128
90	Spontaneous emergence of overgrown molar teeth in a colony of Prairie voles (Microtus ochrogaster). *International Journal of Oral Science*, **2015**, 7, 23-6	27.9	4
89	Embryonic Versus Adult Stem Cells **2015**, 249-262		7
88	From Bench to Bedside and Back: Improving Diagnosis and Treatment of Craniofacial Malformations Utilizing Animal Models. *Current Topics in Developmental Biology*, **2015**, 115, 459-92	5.3	8
87	In vitro generation of human pluripotent stem cell derived lung organoids. *ELife*, **2015**, 4,	8.9	442
86	Transcriptome-wide Analysis Reveals Hallmarks of Human Intestine Development and Maturation In Vitro and In Vivo. *Stem Cell Reports*, **2015**,	8	155
85	Migration of Founder Epithelial Cells Drives Proper Molar Tooth Positioning and Morphogenesis. *Developmental Cell*, **2015**, 35, 713-24	10.2	21
84	Continuously growing rodent molars result from a predictable quantitative evolutionary change over 50 million years. *Cell Reports*, **2015**, 11, 673-80	10.6	21

83	Developing and regenerating a sense of taste. *Current Topics in Developmental Biology*, **2015**, 111, 401-19	3.3	48
82	Hyperplasia of interstitial cells of cajal in sprouty homolog 4 deficient mice. *PLoS ONE*, **2015**, 10, e0124861	3.7	5
81	Inbred Background Effects On Craniofacial Shape Dysmorphology In Mice With Spry Deletions. *FASEB Journal*, **2015**, 29, 697.2	0.9	
80	Tooth, hair and claw: comparing epithelial stem cell niches of ectodermal appendages. *Experimental Cell Research*, **2014**, 325, 96-103	4.2	12
79	Secretion of shh by a neurovascular bundle niche supports mesenchymal stem cell homeostasis in the adult mouse incisor. *Cell Stem Cell*, **2014**, 14, 160-73	18	264
78	On the cutting edge of organ renewal: Identification, regulation, and evolution of incisor stem cells. *Genesis*, **2014**, 52, 79-92	1.9	44
77	Craniofacial morphometric analysis of individuals with X-linked hypohidrotic ectodermal dysplasia. *Molecular Genetics & Genomic Medicine*, **2014**, 2, 422-9	2.3	15
76	Replaying evolutionary transitions from the dental fossil record. *Nature*, **2014**, 512, 44-8	50.4	83
75	Abnormal Ras signaling in Costello syndrome (CS) negatively regulates enamel formation. *Human Molecular Genetics*, **2014**, 23, 682-92	5.6	31
74	Nuclear to cytoplasmic shuttling of ERK promotes differentiation of muscle stem/progenitor cells. *Development (Cambridge)*, **2014**, 141, 2611-20	6.6	59
73	Isolation and culture of dental epithelial stem cells from the adult mouse incisor. *Journal of Visualized Experiments*, **2014**,	1.6	13
72	Induction of ectopic taste buds by SHH reveals the competency and plasticity of adult lingual epithelium. *Development (Cambridge)*, **2014**, 141, 2993-3002	6.6	51
71	Craniofacial and dental development in Costello syndrome. *American Journal of Medical Genetics, Part A*, **2014**, 164A, 1425-30	2.5	19
70	Coordinated activity of Spry1 and Spry2 is required for normal development of the external genitalia. *Developmental Biology*, **2014**, 386, 1-11	3.1	21
69	Fibroblast growth factor signaling in mammalian tooth development. *Odontology / the Society of the Nippon Dental University*, **2014**, 102, 1-13	3.6	37
68	Adult Stem Cells in Teeth. *Pancreatic Islet Biology*, **2014**, 199-216	0.4	
67	Current trends in stem cell therapy for improvement of bone quality. *Histology and Histopathology*, **2014**, 29, 691-7	1.4	5
66	From molecules to mastication: the development and evolution of teeth. *Wiley Interdisciplinary Reviews: Developmental Biology*, **2013**, 2, 165-82	5.9	55

65	The society of craniofacial genetics and developmental biology 35th annual meeting **2013**, 161, 2938-2952		
64	Lgr5-expressing cells are sufficient and necessary for postnatal mammary gland organogenesis. *Cell Reports*, **2013**, 3, 70-8	10.6	157
63	The Pitx2:miR-200c/141:noggin pathway regulates Bmp signaling and ameloblast differentiation. *Development (Cambridge)*, **2013**, 140, 3348-59	6.6	74
62	BMI1 represses Ink4a/Arf and Hox genes to regulate stem cells in the rodent incisor. *Nature Cell Biology*, **2013**, 15, 846-52	23.4	106
61	Characterization of dental epithelial stem cells from the mouse incisor with two-dimensional and three-dimensional platforms. *Tissue Engineering - Part C: Methods*, **2013**, 19, 15-24	2.9	21
60	Developing physician-scientists in the fields of neonatology and pediatric critical care medicine: an effort to formulate a departmental policy. *Journal of Pediatrics*, **2013**, 163, 616-7.e1	3.6	4
59	If a stem cell dies in the crypt, and no one is around to see it*Cell Stem Cell*, **2013**, 12, 389-90	18	3
58	Fgf8 dosage determines midfacial integration and polarity within the nasal and optic capsules. *Developmental Biology*, **2013**, 374, 185-97	3.1	36
57	Sox2 marks epithelial competence to generate teeth in mammals and reptiles. *Development (Cambridge)*, **2013**, 140, 1424-32	6.6	124
56	An Incisive Look at Stem Cells: The Mouse Incisor as an Emerging Model for Tooth Renewal **2013**, 315-327		
55	Developmental disorders of the dentition: an update. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2013**, 163C, 318-32	3.1	72
54	Injectable bone tissue engineering using expanded mesenchymal stem cells. *Stem Cells*, **2013**, 31, 572-80	5.8	67
53	Inductive ability of human developing and differentiated dental mesenchyme. *Cells Tissues Organs*, **2013**, 198, 99-110	2.1	5
52	The dynamics of supernumerary tooth development are differentially regulated by Sprouty genes. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2013**, 320, 307-20	1.8	19
51	Characterization of X-linked hypohidrotic ectodermal dysplasia (XL-HED) hair and sweat gland phenotypes using phototrichogram analysis and live confocal imaging. *American Journal of Medical Genetics, Part A*, **2013**, 161A, 1585-93	2.5	10
50	Oral epithelial stem cells in tissue maintenance and disease: the first steps in a long journey. *International Journal of Oral Science*, **2013**, 5, 121-9	27.9	64
49	Sprouty genes regulate proliferation and survival of human embryonic stem cells. *Scientific Reports*, **2013**, 3, 2277	4.9	27
48	The Pitx2:miR-200 Family Axis Regulates WNT and BMP Signaling During Tooth Morphogenesis and Renewal. *FASEB Journal*, **2013**, 27, 193.1	0.9	

47	Summary of the IADR Cariology Research, Craniofacial Biology, and Mineralized Tissue Groups Symposium, Iguaçu Falls, Brazil, June 2012: Gene-environment Interactions and Epigenetics in Oral Diseases: Enamel Formation and its Clinical Impact on Tooth Defects, Caries, and Erosion **2013**, 1,		1
46	E-cadherin regulates the behavior and fate of epithelial stem cells and their progeny in the mouse incisor. *Developmental Biology*, **2012**, 366, 357-66	3.1	47
45	Stem cell and biomaterials research in dental tissue engineering and regeneration. *Dental Clinics of North America*, **2012**, 56, 495-520	3.3	45
44	Sox2+ stem cells contribute to all epithelial lineages of the tooth via Sfrp5+ progenitors. *Developmental Cell*, **2012**, 23, 317-28	10.2	171
43	A genome-wide association study identifies susceptibility loci for nonsyndromic sagittal craniosynostosis near BMP2 and within BBS9. *Nature Genetics*, **2012**, 44, 1360-4	36.3	93
42	BCL11B regulates epithelial proliferation and asymmetric development of the mouse mandibular incisor. *PLoS ONE*, **2012**, 7, e37670	3.7	21
41	microRNA miR-34a regulates cytodifferentiation and targets multi-signaling pathways in human dental papilla cells. *PLoS ONE*, **2012**, 7, e50090	3.7	22
40	A reserve stem cell population in small intestine renders Lgr5-positive cells dispensable. *Nature*, **2011**, 478, 255-9	50.4	820
39	The FaceBase Consortium: a comprehensive program to facilitate craniofacial research. *Developmental Biology*, **2011**, 355, 175-82	3.1	59
38	Shh expression in a rudimentary tooth offers new insights into development of the mouse incisor. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2011**, 316, 347-58	1.8	22
37	Genotype-phenotype analysis of the branchio-oculo-facial syndrome. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 22-32	2.5	44
36	PERP regulates enamel formation via effects on cell-cell adhesion and gene expression. *Journal of Cell Science*, **2011**, 124, 745-54	5.3	29
35	Regulation of tooth number by fine-tuning levels of receptor-tyrosine kinase signaling. *Development (Cambridge)*, **2011**, 138, 4063-73	6.6	47
34	FGF signaling regulates the number of posterior taste papillae by controlling progenitor field size. *PLoS Genetics*, **2011**, 7, e1002098	6	46
33	Expression of microRNAs in the stem cell niche of the adult mouse incisor. *PLoS ONE*, **2011**, 6, e24536	3.7	29
32	Hedgehog signaling regulates the generation of ameloblast progenitors in the continuously growing mouse incisor. *Development (Cambridge)*, **2010**, 137, 3753-61	6.6	126
31	Signaling by FGFR2b controls the regenerative capacity of adult mouse incisors. *Development (Cambridge)*, **2010**, 137, 3743-52	6.6	59
30	Inhibition of Wnt signaling by Wise (Sostdc1) and negative feedback from Shh controls tooth number and patterning. *Development (Cambridge)*, **2010**, 137, 3221-31	6.6	163

29	Patterning by heritage in mouse molar row development. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 15497-502	11.5	73
28	Clefting in trisomy 9p patients: genotype-phenotype correlation using microarray comparative genomic hybridization. *Journal of Craniofacial Surgery*, **2010**, 21, 1376-9	1.2	9
27	Dact1-3 mRNAs exhibit distinct expression domains during tooth development. *Gene Expression Patterns*, **2010**, 10, 140-3	1.5	11
26	Modulation of Fgf3 dosage in mouse and men mirrors evolution of mammalian dentition. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 22364-8	11.5	46
25	Temporal analysis of ectopic enamel production in incisors from sprouty mutant mice. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2009**, 312B, 473-85	1.8	15
24	Revitalization of a diastemal tooth primordium in Spry2 null mice results from increased proliferation and decreased apoptosis. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, **2009**, 312B, 292-308	1.8	41
23	Enamel-free teeth: Tbx1 deletion affects amelogenesis in rodent incisors. *Developmental Biology*, **2009**, 328, 493-505	3.1	45
22	The branching programme of mouse lung development. *Nature*, **2008**, 453, 745-50	50.4	568
21	Genomic variants of ATF3 in patients with hypospadias. *Journal of Urology*, **2008**, 180, 2183-8; discussion 2188	2.5	41
20	An FGF signaling loop sustains the generation of differentiated progeny from stem cells in mouse incisors. *Development (Cambridge)*, **2008**, 135, 377-85	6.6	137
19	Mutations of CXorf6 are associated with a range of severities of hypospadias. *European Journal of Endocrinology*, **2008**, 159, 453-8	6.5	59
18	Acute fatal presentation of ornithine transcarbamylase deficiency in a previously healthy male. *Hepatology International*, **2008**, 2, 390-4	8.8	24
17	Unraveling the molecular mechanisms that lead to supernumerary teeth in mice and men: current concepts and novel approaches. *Cells Tissues Organs*, **2007**, 186, 60-9	2.1	29
16	Sprouty genes control diastema tooth development via bidirectional antagonism of epithelial-mesenchymal FGF signaling. *Developmental Cell*, **2006**, 11, 181-90	10.2	229
15	Case report: Y;6 translocation with deletion of 6p. *Clinical Dysmorphology*, **2005**, 14, 93-96	0.9	9
14	Interstitial deletion of chromosome 12q: genotype-phenotype correlation of two patients utilizing array comparative genomic hybridization. *American Journal of Medical Genetics, Part A*, **2005**, 138, 349-54	2.5	12
13	Brachydactylic multiple delta phalanges plus syndrome. *American Journal of Medical Genetics, Part A*, **2005**, 138, 41-4	2.5	2
12	Case report: Y;6 translocation with deletion of 6p. *Clinical Dysmorphology*, **2005**, 14, 93-96	0.9	5

11	Congenital Müllerian anomalies: a review of currently available imaging modalities. *Ultrasound Review of Obstetrics and Gynecology*, **2002**, 2, 56-67		
10	Congenital Müllerian anomalies: a review of currently available imaging modalities. *Ultrasound Review of Obstetrics and Gynecology*, **2002**, 2, 56-67		
9	Assessment of endometrial volume by three-dimensional ultrasound prior to embryo transfer: clues to endometrial receptivity. *Human Reproduction*, **1999**, 14, 2851-4	5.7	123
8	The bovine papillomavirus E5 protein requires a juxtamembrane negative charge for activation of the platelet-derived growth factor beta receptor and transformation of C127 cells. *Journal of Virology*, **1999**, 73, 3264-72	6.6	29
7	Structural models of the bovine papillomavirus E5 protein **1998**, 33, 601-612		39
6	Virocrine transformation: the intersection between viral transforming proteins and cellular signal transduction pathways. *Annual Review of Microbiology*, **1998**, 52, 397-421	17.5	37
5	Role of glutamine 17 of the bovine papillomavirus E5 protein in platelet-derived growth factor beta receptor activation and cell transformation. *Journal of Virology*, **1998**, 72, 8921-32	6.6	49
4	Structural models of the bovine papillomavirus E5 protein. *Proteins: Structure, Function and Bioinformatics*, **1998**, 33, 601-12	4.2	20
3	Lactoferrin Reverses Methotrexate Driven Epithelial Barrier Defect by Inhibiting TGF-Mediated Epithelial to Mesenchymal Transition		2
2	The actin cytoskeleton governs apical mitosis and daughter cell dispersion in intestinal epithelia		4
1	Lgr5+ telocytes are a signaling hub at the intestinal villus tip		4