Andras Nagy

List of Publications by Year in Descending Order

289 papers	42,084 citations	90 h-index	203 g-index
303 ext. papers	46,388 ext. citations	11.8 avg, IF	6.89 L-index

#	Paper	IF	Citations
289	An Optical-Flow-Based Method to Quantify Dynamic Behavior of Human Pluripotent Stem Cell-Derived Cardiomyocytes in Disease Modeling Platforms. *Methods in Molecular Biology*, **2021**, 1	1.4	
288	Deficiency of the serine peptidase Kallikrein 6 does not affect the levels and the pathological accumulation of a-synuclein in mouse brain. *Journal of Neurochemistry*, **2021**, 157, 2024-2038	6	1
287	Transplantation of Human Cortically-Specified Neuroepithelial Progenitor Cells Leads to Improved Functional Outcomes in a Mouse Model of Stroke. *Frontiers in Cellular Neuroscience*, **2021**, 15, 654290	6.1	1
286	Human stem cells harboring a suicide gene improve the safety and standardisation of neural transplants in Parkinsonian rats. *Nature Communications*, **2021**, 12, 3275	17.4	8
285	The levels of reprogramming factors influence the induction and maintenance of pluripotency: the case of CD1 mouse strain cells. *International Journal of Developmental Biology*, **2021**, 65, 365-376	1.9	
284	Pyeloureteric magnetic anastomosis device to simplify laparoscopic pyeloplasty: a proof-of-concept study. *BJU International*, **2021**, 127, 409-411	5.6	1
283	In Vitro Suppression of T Cell Proliferation Is a Conserved Function of Primary and Immortalized Human Cancer-Associated Fibroblasts. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
282	Fetal hematopoietic stem cell homing is controlled by VEGF regulating the integrity and oxidative status of the stromal-vascular bone marrow niches. *Cell Reports*, **2021**, 36, 109618	10.6	2
281	Efficient derivation of human trophoblast stem cells from primed pluripotent stem cells. *Science Advances*, **2021**, 7,	14.3	9
280	Modeling congenital cataract in vitro using patient-specific induced pluripotent stem cells. *Npj Regenerative Medicine*, **2021**, 6, 60	15.8	0
279	Genetic aberrations in iPSCs are introduced by a transient G1/S cell cycle checkpoint deficiency. *Nature Communications*, **2020**, 11, 197	17.4	16
278	Recapitulating kidney development in vitro by priming and differentiating mouse embryonic stem cells in monolayers. *Npj Regenerative Medicine*, **2020**, 5, 7	15.8	3
277	Investigating the impact of cell maturity on transplantation success for CNS injury. *FASEB Journal*, **2020**, 34, 1-1	0.9	
276	Universal Stem Cells: Making the Unsafe Safe. *Cell Stem Cell*, **2020**, 27, 198-199	18	3
275	Hydrogel-mediated co-transplantation of retinal pigmented epithelium and photoreceptors restores vision in an animal model of advanced retinal degeneration. *Biomaterials*, **2020**, 257, 120233	15.6	8
274	Synaptic Dysfunction in Human Neurons With Autism-Associated Deletions in PTCHD1-AS. *Biological Psychiatry*, **2020**, 87, 139-149	7.9	32
273	Conversion of human and mouse fibroblasts into lung-like epithelial cells. *Scientific Reports*, **2019**, 9, 9027	4.9	5

272	VEGF-A from Granuloma Macrophages Regulates Granulomatous Inflammation by a Non-angiogenic Pathway during Mycobacterial Infection. *Cell Reports*, **2019**, 27, 2119-2131.e6	10.6	15
271	Cell competition during reprogramming gives rise to dominant clones. *Science*, **2019**, 364,	33.3	51
270	Human Pluripotency Is Initiated and Preserved by a Unique Subset of Founder Cells. *Cell*, **2019**, 177, 910-924.e22	31.4	21
269	Engineering universal cells that evade immune detection. *Nature Reviews Immunology*, **2019**, 19, 723-733	36.5	59
268	Rb1/Rbl1/Vhl loss induces mouse subretinal angiomatous proliferation and hemangioblastoma. *JCI Insight*, **2019**, 4,	9.9	5
267	Nestin Regulates Neurogenesis in Mice Through Notch Signaling From Astrocytes to Neural Stem Cells. *Cerebral Cortex*, **2019**, 29, 4050-4066	5.1	25
266	Initial cell maturity changes following transplantation in a hyaluronan-based hydrogel and impacts therapeutic success in the stroke-injured rodent brain. *Biomaterials*, **2019**, 192, 309-322	15.6	20
265	In Vitro Maturation of Human iPSC-Derived Neuroepithelial Cells Influences Transplant Survival in the Stroke-Injured Rat Brain. *Tissue Engineering - Part A*, **2018**, 24, 351-360	3.9	22
264	Combined delivery of chondroitinase ABC and human induced pluripotent stem cell-derived neuroepithelial cells promote tissue repair in an animal model of spinal cord injury. *Biomedical Materials (Bristol)*, **2018**, 13, 024103	3.5	30
263	Transcription factor ASCL2 is required for development of the glycogen trophoblast cell lineage. *PLoS Genetics*, **2018**, 14, e1007587	6	14
262	Linking a cell-division gene and a suicide gene to define and improve cell therapy safety. *Nature*, **2018**, 563, 701-704	50.4	63
261	In Vitro Screen to Identify Silent but Activatable (S/A) Integration Sites for a Tetracycline-Inducible Transgene in Mice. *Cold Spring Harbor Protocols*, **2018**, 2018,	1.2	1
260	Inducible Protein Production in 293 Cells Using the piggyBac Transposon System. *Methods in Molecular Biology*, **2018**, 1850, 57-68	1.4	1
259	Interrupted reprogramming of alveolar type II cells induces progenitor-like cells that ameliorate pulmonary fibrosis. *Npj Regenerative Medicine*, **2018**, 3, 14	15.8	6
258	VEGFR2 but not VEGFR3 governs integrity and remodeling of thyroid angiofollicular unit in normal state and during goitrogenesis. *EMBO Molecular Medicine*, **2017**, 9, 750-769	12	13
257	Integrating Transposon Transgenes into Mouse Fibroblasts by Electroporation. *Cold Spring Harbor Protocols*, **2017**, 2017, pdb.prot092601	1.2	2
256	Integrating Transposon Transgenes into Mouse Fibroblasts Using Chemical Methods. *Cold Spring Harbor Protocols*, **2017**, 2017, pdb.prot092619	1.2	3
255	Reprogramming Mouse Fibroblasts with Transposons. *Cold Spring Harbor Protocols*, **2017**, 2017, pdb.prot092627	1.2	3

254	Intermittent fasting promotes adipose thermogenesis and metabolic homeostasis via VEGF-mediated alternative activation of macrophage. *Cell Research*, **2017**, 27, 1309-1326	24.7	83
253	Nestin contributes to skeletal muscle homeostasis and regeneration. *Journal of Cell Science*, **2017**, 130, 2833-2842	5.3	13
252	The Production of Pluripotent Stem Cells from Mouse Amniotic Fluid Cells Using a Transposon System. *Journal of Visualized Experiments*, **2017**,	1.6	2
251	Generation of Induced Progenitor-like Cells from Mature Epithelial Cells Using Interrupted Reprogramming. *Stem Cell Reports*, **2017**, 9, 1780-1795	8	21
250	The piggyBac Transposon as a Platform Technology for Somatic Cell Reprogramming Studies in Mouse. *Methods in Molecular Biology*, **2016**, 1357, 1-22	1.4	11
249	Antisenescence effect of mouse embryonic stem cell conditioned medium through a PDGF/FGF pathway. *FASEB Journal*, **2016**, 30, 1276-86	0.9	19
248	Complex Interdependence Regulates Heterotypic Transcription Factor Distribution and Coordinates Cardiogenesis. *Cell*, **2016**, 164, 999-1014	56.2	130
247	Injectable hydrogel promotes early survival of induced pluripotent stem cell-derived oligodendrocytes and attenuates longterm teratoma formation in a spinal cord injury model. *Biomaterials*, **2016**, 83, 23-36	15.6	131
246	Generation, Characterization, and Multilineage Potency of Mesenchymal-Like Progenitors Derived from Equine Induced Pluripotent Stem Cells. *Stem Cells and Development*, **2016**, 25, 80-9	4.4	22
245	Response to: Where do you come from and what are you going to become, reactive astrocyte?. *Stem Cell Investigation*, **2016**, 3, 32	5.1	
244	An Abbreviated Protocol for In Vitro Generation of Functional Human Embryonic Stem Cell-Derived Beta-Like Cells. *PLoS ONE*, **2016**, 11, e0164457	3.7	18
243	Irx3 is required for postnatal maturation of the mouse ventricular conduction system. *Scientific Reports*, **2016**, 6, 19197	4.9	21
242	CD24 tracks divergent pluripotent states in mouse and human cells. *Nature Communications*, **2015**, 6, 7329	17.4	56
241	Lin28 promotes the proliferative capacity of neural progenitor cells in brain development. *Development (Cambridge)*, **2015**, 142, 1616-27	6.6	82
240	Transgenic mice for intersectional targeting of neural sensors and effectors with high specificity and performance. *Neuron*, **2015**, 85, 942-58	13.9	631
239	Points to consider in the development of seed stocks of pluripotent stem cells for clinical applications: International Stem Cell Banking Initiative (ISCBI). *Regenerative Medicine*, **2015**, 10, 1-44	2.5	77
238	Adult Neural Stem Cells from the Subventricular Zone Give Rise to Reactive Astrocytes in the Cortex after Stroke. *Cell Stem Cell*, **2015**, 17, 624-34	18	158
237	Transplantation of Induced Pluripotent Stem Cell-Derived Neural Stem Cells Mediate Functional Recovery Following Thoracic Spinal Cord Injury Through Remyelination of Axons. *Stem Cells Translational Medicine*, **2015**, 4, 743-54	6.9	116

236	Fluctuations in histone H4 isoforms during cellular reprogramming monitored by middle-down proteomics. *Proteomics*, **2015**, 15, 3219-31	4.8	12
235	Modeling correction of severe urea cycle defects in the growing murine liver using a hybrid recombinant adeno-associated virus/piggyBac transposase gene delivery system. *Hepatology*, **2015**, 62, 417-28	11.2	21
234	KLK5 Inactivation Reverses Cutaneous Hallmarks of Netherton Syndrome. *PLoS Genetics*, **2015**, 11, e1005389	6	60
233	Derivation of Equine-Induced Pluripotent Stem Cell Lines Using a piggyBac Transposon Delivery System and Temporal Control of Transgene Expression. *Methods in Molecular Biology*, **2015**, 1330, 79-88	1.4	4
232	Immune privilege of the CNS is not the consequence of limited antigen sampling. *Scientific Reports*, **2014**, 4, 4422	4.9	56
231	Obesity-associated variants within FTO form long-range functional connections with IRX3. *Nature*, **2014**, 507, 371-5	50.4	835
230	Local BMP-SMAD1 signaling increases LIF receptor-dependent STAT3 responsiveness and primed-to-naive mouse pluripotent stem cell conversion frequency. *Stem Cell Reports*, **2014**, 3, 156-68	8	13
229	A panel of CpG methylation sites distinguishes human embryonic stem cells and induced pluripotent stem cells. *Stem Cell Reports*, **2014**, 2, 36-43	8	30
228	Regioselective biolistic targeting in organotypic brain slices using a modified gene gun. *Journal of Visualized Experiments*, **2014**, e52148	1.6	2
227	Conditional Gene Deletion in the Placenta Using the Cre-loxP System **2014**, 309-313		0
226	Trophoblast-specific reduction of VEGFA alters placental gene expression and maternal cardiovascular function in mice. *Biology of Reproduction*, **2014**, 91, 87	3.9	8
225	Local acting Sticky-trap inhibits vascular endothelial growth factor dependent pathological angiogenesis in the eye. *EMBO Molecular Medicine*, **2014**, 6, 604-23	12	13
224	Small RNA changes en route to distinct cellular states of induced pluripotency. *Nature Communications*, **2014**, 5, 5522	17.4	43
223	Divergent reprogramming routes lead to alternative stem-cell states. *Nature*, **2014**, 516, 192-7	50.4	98
222	Genome-wide characterization of the routes to pluripotency. *Nature*, **2014**, 516, 198-206	50.4	153
221	An epigenomic roadmap to induced pluripotency reveals DNA methylation as a reprogramming modulator. *Nature Communications*, **2014**, 5, 5619	17.4	85
220	Proteome adaptation in cell reprogramming proceeds via distinct transcriptional networks. *Nature Communications*, **2014**, 5, 5613	17.4	37
219	iPS cell-derived cardiogenicity is hindered by sustained integration of reprogramming transgenes. *Circulation: Cardiovascular Genetics*, **2014**, 7, 667-76		8

218	The ROSA26-iPSC mouse: a conditional, inducible, and exchangeable resource for studying cellular (De)differentiation. *Cell Reports*, **2013**, 3, 335-41	10.6	28
217	Secondary cell reprogramming systems: as years go by. *Current Opinion in Genetics and Development*, **2013**, 23, 534-9	4.9	5
216	VEGF-A regulated by progesterone governs uterine angiogenesis and vascular remodelling during pregnancy. *EMBO Molecular Medicine*, **2013**, 5, 1415-30	12	105
215	Distinct functions for Wnt/β-catenin in hair follicle stem cell proliferation and survival and interfollicular epidermal homeostasis. *Cell Stem Cell*, **2013**, 13, 720-33	18	207
214	Lineage Marking **2013**, 383-392		
213	Genome damage in induced pluripotent stem cells: assessing the mechanisms and their consequences. *BioEssays*, **2013**, 35, 152-62	4.1	19
212	Adipose vascular endothelial growth factor regulates metabolic homeostasis through angiogenesis. *Cell Metabolism*, **2013**, 17, 61-72	24.6	199
211	The generation of definitive neural stem cells from PiggyBac transposon-induced pluripotent stem cells can be enhanced by induction of the NOTCH signaling pathway. *Stem Cells and Development*, **2013**, 22, 383-96	4.4	42
210	MBNL proteins repress ES-cell-specific alternative splicing and reprogramming. *Nature*, **2013**, 498, 241-5	50.4	222
209	Oct4 is required ~E7.5 for proliferation in the primitive streak. *PLoS Genetics*, **2013**, 9, e1003957	6	54
208	Simple piggyBac transposon-based mammalian cell expression system for inducible protein production. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 5004-9	11.5	94
207	Differential transformation capacity of neuro-glial progenitors during development. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 14378-83	11.5	8
206	Induced Pluripotent Stem Cells and Disorders of the Nervous System: Progress, Problems, and Prospects. *Neuroscientist*, **2013**, 19, 567-577	7.6	9
205	Ras pathway inhibition prevents neovascularization by repressing endothelial cell sprouting. *Journal of Clinical Investigation*, **2013**, 123, 4900-8	15.9	46
204	CCR2 recruits an inflammatory macrophage subpopulation critical for angiogenesis in tissue repair. *Blood*, **2012**, 120, 613-25	2.2	306
203	Soluble FLT1 binds lipid microdomains in podocytes to control cell morphology and glomerular barrier function. *Cell*, **2012**, 151, 384-99	56.2	115
202	The mammalian gene function resource: the International Knockout Mouse Consortium. *Mammalian Genome*, **2012**, 23, 580-6	3.2	230
201	Inducible deletion of epidermal Dicer and Drosha reveals multiple functions for miRNAs in postnatal skin. *Development (Cambridge)*, **2012**, 139, 1405-16	6.6	65

200	Highly efficient site-specific transgenesis in cancer cell lines. *Molecular Cancer*, **2012**, 11, 89	42.1	5
199	Derivation, expansion and differentiation of induced pluripotent stem cells in continuous suspension cultures. *Nature Methods*, **2012**, 9, 509-16	21.6	84
198	Progress made in the reprogramming field: new factors, new strategies and a new outlook. *Current Opinion in Genetics and Development*, **2012**, 22, 435-43	4.9	38
197	Microenvironment-mediated reversion of epiblast stem cells by reactivation of repressed JAK-STAT signaling. *Integrative Biology (United Kingdom)*, **2012**, 4, 1367-76	3.7	12
196	Elevated coding mutation rate during the reprogramming of human somatic cells into induced pluripotent stem cells. *Stem Cells*, **2012**, 30, 435-40	5.8	140
195	Concise review: Embryonic stem cells versus induced pluripotent stem cells: the game is on. *Stem Cells*, **2012**, 30, 10-4	5.8	104
194	Sirtuin 1 facilitates generation of induced pluripotent stem cells from mouse embryonic fibroblasts through the miR-34a and p53 pathways. *PLoS ONE*, **2012**, 7, e45633	3.7	54
193	Inducible deletion of epidermal Dicer and Drosha reveals multiple functions for miRNAs in postnatal skin. *Journal of Cell Science*, **2012**, 125, e1-e1	5.3	1
192	An alternative splicing switch regulates embryonic stem cell pluripotency and reprogramming. *Cell*, **2011**, 147, 132-46	56.2	253
191	Angptl4 deficiency decreases serum triglyceride levels in low-density lipoprotein receptor knockout mice and streptozotocin-induced diabetic mice. *Biochemical and Biophysical Research Communications*, **2011**, 409, 177-80	3.4	22
190	PhiC31 integrase facilitates genetic approaches combining multiple recombinases. *Methods*, **2011**, 53, 380-5	4.6	22
189	Non-CpG methylation occurs in the regulatory region of the Sry gene. *Journal of Reproduction and Development*, **2011**, 57, 586-93	2.1	18
188	Human induced pluripotent stem cells: the past, present, and future. *Clinical Pharmacology and Therapeutics*, **2011**, 89, 741-5	6.1	26
187	Copy number variation and selection during reprogramming to pluripotency. *Nature*, **2011**, 471, 58-62	50.4	753
186	Human embryonic fibroblasts support single cell enzymatic expansion of human embryonic stem cells in xeno-free cultures. *Stem Cell Research*, **2011**, 6, 70-82	1.6	13
185	Induced pluripotent stem cell lines derived from equine fibroblasts. *Stem Cell Reviews and Reports*, **2011**, 7, 693-702	6.4	175
184	Nestin is not essential for development of the CNS but required for dispersion of acetylcholine receptor clusters at the area of neuromuscular junctions. *Journal of Neuroscience*, **2011**, 31, 11547-52	6.6	37
183	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. *Nature Biotechnology*, **2011**, 29, 1132-44	44.5	406

182	Impaired mesenchymal stem cell differentiation and osteoclastogenesis in mice deficient for Igf2-P2 transcripts. *Development (Cambridge)*, **2011**, 138, 203-13	6.6	30
181	Transgene-free production of pluripotent stem cells using piggyBac transposons. *Methods in Molecular Biology*, **2011**, 767, 87-103	1.4	46
180	(V) collagen is critical for glucose homeostasis in mice due to effects in pancreatic islets and peripheral tissues. *Journal of Clinical Investigation*, **2011**, 121, 769-83	15.9	36
179	Impaired mesenchymal stem cells differentiation and osteoclastogenesis in mice deficient for Igf2-P2 transcripts. *Journal of Cell Science*, **2011**, 124, e1-e1	5.3	
178	Increased skeletal VEGF enhances beta-catenin activity and results in excessively ossified bones. *EMBO Journal*, **2010**, 29, 424-41	13	150
177	The mysteries of induced pluripotency: where will they lead?. *Nature Methods*, **2010**, 7, 22-4	21.6	27
176	Vascular endothelial growth factor--a positive and negative regulator of tumor growth. *Cancer Research*, **2010**, 70, 863-7	10.1	26
175	Stem cell therapy for the kidney: a cautionary tale. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 1070-2	12.7	16
174	beta-Catenin initiates tooth neogenesis in adult rodent incisors. *Journal of Dental Research*, **2010**, 89, 909-14	8.1	27
173	Zonadhesin is essential for species specificity of sperm adhesion to the egg zona pellucida. *Journal of Biological Chemistry*, **2010**, 285, 24863-70	5.4	57
172	Lunatic Fringe-mediated Notch signaling is required for lung alveogenesis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2010**, 298, L45-56	5.8	66
171	Functional genomics reveals a BMP-driven mesenchymal-to-epithelial transition in the initiation of somatic cell reprogramming. *Cell Stem Cell*, **2010**, 7, 64-77	18	785
170	Extinction of Xist improves cloning. *Cell Stem Cell*, **2010**, 7, 550-2	18	1
169	Production of mouse chimeras by aggregating pluripotent stem cells with embryos. *Methods in Enzymology*, **2010**, 476, 123-49	1.7	12
168	Wnt/catenin signaling regulates postnatal development and regeneration of the salivary gland. *Stem Cells and Development*, **2010**, 19, 1793-801	4.4	63
167	Multifaceted role of vascular endothelial growth factor signaling in adult tissue physiology: an emerging concept with clinical implications. *Current Opinion in Hematology*, **2010**, 17, 206-12	3.3	20
166	Hedgehog regulates distinct vascular patterning events through VEGF-dependent and -independent mechanisms. *Blood*, **2010**, 116, 653-60	2.2	43
165	Vegf regulates embryonic erythroid development through Gata1 modulation. *Blood*, **2010**, 116, 2141-51	2.2	20

164	Double antiangiogenic protein, DAAP, targeting VEGF-A and angiopoietins in tumor angiogenesis, metastasis, and vascular leakage. *Cancer Cell*, **2010**, 18, 171-84	24.3	124
163	Passaged human chondrocytes accumulate extracellular matrix when induced by bovine chondrocytes. *Journal of Tissue Engineering and Regenerative Medicine*, **2010**, 4, 233-41	4.4	21
162	Efficient generation of germ line transmitting chimeras from C57BL/6N ES cells by aggregation with outbred host embryos. *PLoS ONE*, **2010**, 5, e11260	3.7	85
161	Cartilage tissue formation using redifferentiated passaged chondrocytes in vitro. *Tissue Engineering - Part A*, **2009**, 15, 665-73	3.9	39
160	The interval between Ins2 and Ascl2 is dispensable for imprinting centre function in the murine Beckwith-Wiedemann region. *Human Molecular Genetics*, **2009**, 18, 4255-67	5.6	11
159	Creation and use of a cre recombinase transgenic database. *Methods in Molecular Biology*, **2009**, 530, 365-78	1.4	66
158	Human embryonic stem cells secrete soluble factors that inhibit cancer cell growth. *Cell Proliferation*, **2009**, 42, 788-98	7.9	36
157	piggyBac transposition reprograms fibroblasts to induced pluripotent stem cells. *Nature*, **2009**, 458, 766-70	36.4	1446
156	Transposon-mediated genome manipulation in vertebrates. *Nature Methods*, **2009**, 6, 415-22	21.6	233
155	Efficient mouse transgenesis using Gateway-compatible ROSA26 locus targeting vectors and F1 hybrid ES cells. *Nucleic Acids Research*, **2009**, 37, e55	20.1	84
154	Angptl 4 deficiency improves lipid metabolism, suppresses foam cell formation and protects against atherosclerosis. *Biochemical and Biophysical Research Communications*, **2009**, 379, 806-11	3.4	64
153	Alternative induced pluripotent stem cell characterization criteria for in vitro applications. *Cell Stem Cell*, **2009**, 4, 198-9; author reply 202	18	59
152	Krüppel-like factor 4, a "pluripotency transcription factor" highly expressed in male postmeiotic germ cells, is dispensable for spermatogenesis in the mouse. *Mechanisms of Development*, **2009**, 126, 650-64	1.7	16
151	Aggregation chimeras: combining ES cells, diploid, and tetraploid embryos. *Methods in Molecular Biology*, **2009**, 530, 287-309	1.4	21
150	Bone marrow transplantation results in human donor blood cells acquiring and displaying mouse recipient class I MHC and CD45 antigens on their surface. *PLoS ONE*, **2009**, 4, e8489	3.7	20
149	Lineage Marking **2009**, 429-436		
148	Functional immobilization of signaling proteins enables control of stem cell fate. *Nature Methods*, **2008**, 5, 645-50	21.6	180
147	The use of fresh embryos in stem cell research: ethical and policy issues. *Cell Stem Cell*, **2008**, 2, 416-21	18	15

146	Establishment of endoderm progenitors by SOX transcription factor expression in human embryonic stem cells. *Cell Stem Cell*, **2008**, 3, 182-95	18	164
145	ARS2 is a conserved eukaryotic gene essential for early mammalian development. *Molecular and Cellular Biology*, **2008**, 28, 1503-14	4.8	38
144	Activation of beta-catenin signaling programs embryonic epidermis to hair follicle fate. *Development (Cambridge)*, **2008**, 135, 2161-72	6.6	143
143	c-Myb-dependent smooth muscle cell differentiation. *Circulation Research*, **2008**, 102, 554-61	15.7	31
142	Epigenetic and phenotypic consequences of a truncation disrupting the imprinted domain on distal mouse chromosome 7. *Molecular and Cellular Biology*, **2008**, 28, 1092-103	4.8	14
141	Alkaline phosphatase-positive colony formation is a sensitive, specific, and quantitative indicator of undifferentiated human embryonic stem cells. *Stem Cells*, **2008**, 26, 1109-16	5.8	125
140	Soluble Flt-1 regulates Flk-1 activation to control hematopoietic and endothelial development in an oxygen-responsive manner. *Stem Cells*, **2008**, 26, 2832-42	5.8	30
139	Cre recombinase mediated alterations of the mouse genome using embryonic stem cells. *Methods in Molecular Biology*, **2008**, 461, 111-32	1.4	15
138	Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. *Nature Biotechnology*, **2007**, 25, 803-16	44.5	857
137	Enhanced natural-killer cell and erythropoietic activities in VEGF-A-overexpressing mice delay F-MuLV-induced erythroleukemia. *Blood*, **2007**, 109, 2139-46	2.2	23
136	Developmental and adult phenotyping directly from mutant embryonic stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 4455-60	11.5	157
135	A mouse for all reasons. *Cell*, **2007**, 128, 9-13	56.2	366
134	Autocrine VEGF signaling is required for vascular homeostasis. *Cell*, **2007**, 130, 691-703	56.2	812
133	Glycogen synthase kinase 3alpha-specific regulation of murine hepatic glycogen metabolism. *Cell Metabolism*, **2007**, 6, 329-37	24.6	225
132	Niche-mediated control of human embryonic stem cell self-renewal and differentiation. *EMBO Journal*, **2007**, 26, 4744-55	13	327
131	Placental but not heart defects are associated with elevated hypoxia-inducible factor alpha levels in mice lacking prolyl hydroxylase domain protein 2. *Molecular and Cellular Biology*, **2006**, 26, 8336-46	4.8	315
130	Vascular endothelial growth factor a signaling in the podocyte-endothelial compartment is required for mesangial cell migration and survival. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 724-35	12.7	186
129	Nuclear transfer reprogramming does not improve the low developmental potency of embryonic stem cells induced by long-term culture. *Reproduction*, **2006**, 132, 257-63	3.8	7

128	Vascular endothelial growth factor directly inhibits primitive neural stem cell survival but promotes definitive neural stem cell survival. *Journal of Neuroscience*, **2006**, 26, 6803-12	6.6	84
127	Murine embryonic stem cells. *Methods in Enzymology*, **2006**, 418, 3-21	1.7	20
126	Donor hematopoietic cells from transgenic mice that express GFP are immunogenic in immunocompetent recipients. *Hematology*, **2005**, 10, 289-95	2.2	23
125	Phenotypic analyses of mouse embryos with ubiquitous expression of Oct4: effects on mid-hindbrain patterning and gene expression. *Developmental Dynamics*, **2005**, 232, 180-90	2.9	26
124	Ectopic expression of KitD814Y in spermatids of transgenic mice, interferes with sperm morphogenesis. *Developmental Dynamics*, **2005**, 233, 29-40	2.9	16
123	"Agouti NOD": identification of a CBA-derived Idd locus on Chromosome 7 and its use for chimera production with NOD embryonic stem cells. *Mammalian Genome*, **2005**, 16, 775-83	3.2	17
122	Conditional and inducible transgene expression in mice through the combinatorial use of Cre-mediated recombination and tetracycline induction. *Nucleic Acids Research*, **2005**, 33, 2765-2765	20.1	8
121	Conditional and inducible transgene expression in mice through the combinatorial use of Cre-mediated recombination and tetracycline induction. *Nucleic Acids Research*, **2005**, 33, e51	20.1	266
120	Following Ariadne's thread in the labyrinth of mouse phenotypes. *Development (Cambridge)*, **2005**, 132, 5130-5132	6.6	
119	Tbx20 dose-dependently regulates transcription factor networks required for mouse heart and motoneuron development. *Development (Cambridge)*, **2005**, 132, 2463-74	6.6	181
118	Essential role of brain-derived neurotrophic factor in adult hippocampal function. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10827-32	11.5	533
117	Hypoxia and hypoxia-inducible factor-1 target genes in central nervous system radiation injury: a role for vascular endothelial growth factor. *Clinical Cancer Research*, **2004**, 10, 3342-53	12.9	138
116	SCL interacts with VEGF to suppress apoptosis at the onset of hematopoiesis. *Development (Cambridge)*, **2004**, 131, 693-702	6.6	33
115	Vascular endothelial growth factor controls neuronal migration and cooperates with Sema3A to pattern distinct compartments of the facial nerve. *Genes and Development*, **2004**, 18, 2822-34	12.6	152
114	The knockout mouse project. *Nature Genetics*, **2004**, 36, 921-4	36.3	490
113	A specific requirement for PDGF-C in palate formation and PDGFR-alpha signaling. *Nature Genetics*, **2004**, 36, 1111-6	36.3	174
112	Oct4 is required for primordial germ cell survival. *EMBO Reports*, **2004**, 5, 1078-83	6.5	451
111	Cre recombinase specificity defined by the tau locus. *Genesis*, **2004**, 40, 131-8	1.9	17

110	Mouse in red: red fluorescent protein expression in mouse ES cells, embryos, and adult animals. *Genesis*, **2004**, 40, 241-6	1.9	260
109	The gut microbiota as an environmental factor that regulates fat storage. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 15718-23	11.5	4063
108	Genetic manipulation of mice to study cardiovascular disease. *Drug Discovery Today: Disease Models* , **2004**, 1, 243-248	1.3	
107	Regulation of murine telomere length by Rtel: an essential gene encoding a helicase-like protein. *Cell*, **2004**, 117, 873-86	56.2	245
106	Activated Fps/Fes partially rescues the in vivo developmental potential of Flk1-deficient vascular progenitor cells. *Blood*, **2004**, 103, 912-20	2.2	12
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