Patrick Salmon

List of Publications by Year
in descending order

50 papers	3,950 citations	196777 29 h-index	214428 50 g-index
51 all docs	51 docs citations	51 times ranked	6270 citing authors

#	Article	IF	Citations
1	Endogenous erythropoietin signaling regulates migration and laminar positioning of upper-layer neurons in the developing neocortex. Development (Cambridge), 2020, 147, .	1.2	6
2	Transplanted Embryonic Neurons Improve Functional Recovery by Increasing Activity in Injured Cortical Circuits. Cerebral Cortex, 2020, 30, 4708-4725.	1.6	8
3	Optimizing Synthetic miRNA Minigene Architecture for Efficient miRNA Hairpin Concatenation and Multi-target Gene Knockdown. Molecular Therapy - Nucleic Acids, 2019, 14, 351-363.	2.3	11
4	Transient Deregulation of Canonical Wnt Signaling in Developing Pyramidal Neurons Leads to Dendritic Defects and Impaired Behavior. Cell Reports, 2019, 27, 1487-1502.e6.	2.9	7
5	Multimodal MRI Imaging of Apoptosis-Triggered Microstructural Alterations in the Postnatal Cerebral Cortex. Cerebral Cortex, 2018, 28, 949-962.	1.6	10
6	Perturbed Wnt signaling leads to neuronal migration delay, altered interhemispheric connections and impaired social behavior. Nature Communications, 2017, 8, 1158.	5.8	59
7	EMMPRIN overexpression in SVZ neural progenitor cells increases their migration towards ischemic cortex. Experimental Neurology, 2017, 297, 14-24.	2.0	5
8	Astrocytes spatially restrict <scp>VEGF</scp> signaling by polarized secretion and incorporation of <scp>VEGF</scp> into the actively assembling extracellular matrix. Glia, 2016, 64, 440-456.	2.5	18
9	Elimination of proliferating cells from CNS grafts using a Ki67 promoter-driven thymidine kinase. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16069.	1.8	19
10	Wnt Signaling Regulates Multipolar-to-Bipolar Transition of Migrating Neurons in the Cerebral Cortex. Cell Reports, 2015, 10, 1349-1361.	2.9	67
11	Apoptotic neurons induce proliferative responses of progenitor cells in the postnatal neocortex. Experimental Neurology, 2015, 273, 126-137.	2.0	11
12	Lentivector Knockdown of CCR5 in Hematopoietic Stem and Progenitor Cells Confers Functional and Persistent HIV-1 Resistance in Humanized Mice. Journal of Virology, 2015, 89, 6761-6772.	1.5	30
13	Optimization of Critical Hairpin Features Allows miRNA-based Gene Knockdown Upon Single-copy Transduction. Molecular Therapy - Nucleic Acids, 2014, 3, e207.	2.3	17
14	Autonomous and self-sustained circadian oscillators displayed in human islet cells. Diabetologia, 2013, 56, 497-507.	2.9	92
15	Overexpression of<i>E2F3</i>promotes proliferation of functional human Î² cells without induction of apoptosis. Cell Cycle, 2013, 12, 2691-2702.	1.3	29
16	Early Postnatal Migration and Development of Layer II Pyramidal Neurons in the Rodent Cingulate/Retrosplenial Cortex. Cerebral Cortex, 2012, 22, 144-157.	1.6	17
17	Generation of Human Cell Lines Using Lentiviral-Mediated Genetic Engineering. Methods in Molecular Biology, 2012, 945, 417-448.	0.4	7
18	Polyswitch Lentivectors: â€œAll-in-Oneâ€•Lentiviral Vectors for Drug-Inducible Gene Expression, Live Selection, and Recombination Cloning. Human Gene Therapy, 2011, 22, 1255-1267.	1.4	27

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19	Lentiviral Vectors. Methods in Molecular Biology, 2011, 737, 183-209.	0.4	33
20	A software solution for recording circadian oscillator features in time-lapse live cell microscopy. Cell Division, 2010, 5, 17.	1.1	20
21	Production and Titration of Lentiviral Vectors. Current Protocols in Neuroscience, 2010, 53, Unit 4.21.	2.6	157
22	Immortalized human skin fibroblast feeder cells support growth and maintenance of both human embryonic and induced pluripotent stem cells. Human Reproduction, 2009, 24, 2567-2581.	0.4	79
23	Fibroblast Growth Factor-2 Overexpression in Transplanted Neural Progenitors Promotes Perivascular Cluster Formation with a Neurogenic Potential. Stem Cells, 2009, 27, 1309-1317.	1.4	25
24	Stimulus-dependent Regulation of the Phagocyte NADPH Oxidase by a VAV1, Rac1, and PAK1 Signaling Axis. Journal of Biological Chemistry, 2008, 283, 7983-7993.	1.6	59
25	Expression of FGF-2 in neural progenitor cells enhances their potential for cellular brain repair in the rodent cortex. Brain, 2007, 130, 2962-2976.	3.7	74
26	Production and Titration of Lentiviral Vectors. Current Protocols in Human Genetics, 2007, 54, Unit 12.10.	3.5	128
27	Production and Titration of Lentiviral Vectors. Current Protocols in Neuroscience, 2006, 37, 4.21.1-4.21.24.	2.6	83
28	Multipotential nestin and Isl-1 positive mesenchymal stem cells isolated from human pancreatic islets. Biochemical and Biophysical Research Communications, 2006, 345, 1167-1176.	1.0	85
29	A role for atm in E-cadherin-mediated contact inhibition in epithelial cells. Breast Cancer Research and Treatment, 2006, 99, 143-153.	1.1	8
30	Adult rat liver cells transdifferentiated with lentiviral IPF1 vectors reverse diabetes in mice: an ex vivo gene therapy approach. Diabetologia, 2006, 50, 121-130.	2.9	40
31	Transduction of CpG DNA-stimulated primary human B cells with bicistronic lentivectors. Molecular Therapy, 2005, 12, 892-899.	3.7	23
32	Treatment of acetaminophen-induced acute liver failure in the mouse with conditionally immortalized human hepatocytes. Journal of Hepatology, 2005, 43, 1031-1037.	1.8	58
33	Contribution of Proteoglycans to Human Immunodeficiency Virus Type 1 Brain Invasion. Journal of Virology, 2004, 78, 6567-6584.	1.5	103
34	Efficient transduction of primary human B lymphocytes and nondividing myeloma B cells with HIV-1â€“derived lentiviral vectors. Blood, 2003, 101, 1727-1733.	0.6	70
35	Ectopic expression of the beta-cell specific transcription factor Pdx1 inhibits glucagon gene transcription. Diabetologia, 2003, 46, 810-821.	2.9	42
36	Activity analysis of housekeeping promoters using self-inactivating lentiviral vector delivery into the mouse retina. Gene Therapy, 2003, 10, 818-821.	2.3	70

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37	Lentivector-Mediated Transfer of Bmi-1 and Telomerase in Muscle Satellite Cells Yields a Duchenne Myoblast Cell Line with Long-Term Genotypic and Phenotypic Stability. Human Gene Therapy, 2003, 14, 1525-1533.	1.4	80
38	Lentiviral vector transduction of NOD/SCID repopulating cells results in multiple vector integrations per transduced cell: risk of insertional mutagenesis. Blood, 2003, 101, 1284-1289.	0.6	188
39	Efficient gene transfer into human primary blood lymphocytes by surface-engineered lentiviral vectors that display a T cellâ€“activating polypeptide. Blood, 2002, 99, 2342-2350.	0.6	91
40	Lentiviral vectors pseudotyped with a modified RD114 envelope glycoprotein show increased stability in sera and augmented transduction of primary lymphocytes and CD34+ cells derived from human and nonhuman primates. Blood, 2002, 100, 823-832.	0.6	280
41	Transduction of CD34+ cells with lentiviral vectors enables the production of large quantities of transgene-expressing immature and mature dendritic cells. Journal of Gene Medicine, 2001, 3, 311-320.	1.4	27
42	High-level transgene expression in human hematopoietic progenitors and differentiated blood lineages after transduction with improved lentiviral vectors. Blood, 2000, 96, 3392-3398.	0.6	212
43	Reversible Immortalization of Human Primary Cells by Lentivector-Mediated Transfer of Specific Genes. Molecular Therapy, 2000, 2, 404-414.	3.7	149
44	High-level transgene expression in human hematopoietic progenitors and differentiated blood lineages after transduction with improved lentiviral vectors. Blood, 2000, 96, 3392-3398.	0.6	69
45	An Activated Form of Notch Influences the Choice between CD4 and CD8 T Cell Lineages. Cell, 1996, 87, 483-492.	13.5	480
46	Truncated Mammalian Notch1 Activates CBF1/RBPJk-Repressed Genes by a Mechanism Resembling That of Epstein-Barr Virus EBNA2. Molecular and Cellular Biology, 1996, 16, 952-959.	1.1	432
47	The cytoplasmic domain of CD4 promotes the development of CD4 lineage T cells.. Journal of Experimental Medicine, 1996, 183, 731-741.	4.2	136
48	Characterization of the human CD4 gene promoter: transcription from the CD4 gene core promoter is tissue-specific and is activated by Ets proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7739-7743.	3.3	117
49	Unusual Amino Acid Sequence of the Second Ig-Like Domain of the Feline CD4 Protein. AIDS Research and Human Retroviruses, 1992, 8, 1581-1591.	0.5	9
50	Loss of CD4 membrane expression and CD4 mRNA during acute human immunodeficiency virus replication.. Journal of Experimental Medicine, 1988, 168, 1953-1969.	4.2	83