

Patrick Salmon

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,950
citations

172457

29
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

5694
citing authors

#	ARTICLE	IF	CITATIONS
1	An Activated Form of Notch Influences the Choice between CD4 and CD8 T Cell Lineages. <i>Cell</i> , 1996, 87, 483-492.	28.9	480
2	Truncated Mammalian Notch1 Activates CBF1/RBPJk-Repressed Genes by a Mechanism Resembling That of Epstein-Barr Virus EBNA2. <i>Molecular and Cellular Biology</i> , 1996, 16, 952-959.	2.3	432
3	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. <i>Blood</i> , 2002, 100, 823-832.	1.4	280
4	High-level transgene expression in human hematopoietic progenitors and differentiated blood lineages after transduction with improved lentiviral vectors. <i>Blood</i> , 2000, 96, 3392-3398.	1.4	212
5	Lentiviral vector transduction of NOD/SCID repopulating cells results in multiple vector integrations per transduced cell: risk of insertional mutagenesis. <i>Blood</i> , 2003, 101, 1284-1289.	1.4	188
6	Production and Titration of Lentiviral Vectors. <i>Current Protocols in Neuroscience</i> , 2010, 53, Unit 4.21.	2.6	157
7	Reversible immortalization of Human Primary Cells by Lentivector-Mediated Transfer of Specific Genes. <i>Molecular Therapy</i> , 2000, 2, 404-414.	8.2	149
8	The cytoplasmic domain of CD4 promotes the development of CD4 lineage T cells.. <i>Journal of Experimental Medicine</i> , 1996, 183, 731-741.	8.5	136
9	Production and Titration of Lentiviral Vectors. <i>Current Protocols in Human Genetics</i> , 2007, 54, Unit 12.10.	3.5	128
10	Characterization of the human CD4 gene promoter: transcription from the CD4 gene core promoter is tissue-specific and is activated by Ets proteins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 7739-7743.	7.1	117
11	Contribution of Proteoglycans to Human Immunodeficiency Virus Type 1 Brain Invasion. <i>Journal of Virology</i> , 2004, 78, 6567-6584.	3.4	103
12	Autonomous and self-sustained circadian oscillators displayed in human islet cells. <i>Diabetologia</i> , 2013, 56, 497-507.	6.3	92
13	Efficient gene transfer into human primary blood lymphocytes by surface-engineered lentiviral vectors that display a T cell-activating polypeptide. <i>Blood</i> , 2002, 99, 2342-2350.	1.4	91
14	Multipotential nestin and Isl-1 positive mesenchymal stem cells isolated from human pancreatic islets. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 1167-1176.	2.1	85
15	Loss of CD4 membrane expression and CD4 mRNA during acute human immunodeficiency virus replication.. <i>Journal of Experimental Medicine</i> , 1988, 168, 1953-1969.	8.5	83
16	Production and Titration of Lentiviral Vectors. <i>Current Protocols in Neuroscience</i> , 2006, 37, 4.21.1-4.21.24.	2.6	83
17	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. <i>Human Gene Therapy</i> , 2003, 14, 1525-1533.	2.7	80
18	Immortalized human skin fibroblast feeder cells support growth and maintenance of both human embryonic and induced pluripotent stem cells. <i>Human Reproduction</i> , 2009, 24, 2567-2581.	0.9	79

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19	Expression of FGF-2 in neural progenitor cells enhances their potential for cellular brain repair in the rodent cortex. <i>Brain</i> , 2007, 130, 2962-2976.	7.6	74
20	Efficient transduction of primary human B lymphocytes and nondividing myeloma B cells with HIV-1-derived lentiviral vectors. <i>Blood</i> , 2003, 101, 1727-1733.	1.4	70
21	Activity analysis of housekeeping promoters using self-inactivating lentiviral vector delivery into the mouse retina. <i>Gene Therapy</i> , 2003, 10, 818-821.	4.5	70
22	High-level transgene expression in human hematopoietic progenitors and differentiated blood lineages after transduction with improved lentiviral vectors. <i>Blood</i> , 2000, 96, 3392-3398.	1.4	69
23	Wnt Signaling Regulates Multipolar-to-Bipolar Transition of Migrating Neurons in the Cerebral Cortex. <i>Cell Reports</i> , 2015, 10, 1349-1361.	6.4	67
24	Stimulus-dependent Regulation of the Phagocyte NADPH Oxidase by a VAV1, Rac1, and PAK1 Signaling Axis. <i>Journal of Biological Chemistry</i> , 2008, 283, 7983-7993.	3.4	59
25	Perturbed Wnt signaling leads to neuronal migration delay, altered interhemispheric connections and impaired social behavior. <i>Nature Communications</i> , 2017, 8, 1158.	12.8	59
26	Treatment of acetaminophen-induced acute liver failure in the mouse with conditionally immortalized human hepatocytes. <i>Journal of Hepatology</i> , 2005, 43, 1031-1037.	3.7	58
27	Ectopic expression of the beta-cell specific transcription factor Pdx1 inhibits glucagon gene transcription. <i>Diabetologia</i> , 2003, 46, 810-821.	6.3	42
28	Adult rat liver cells transdifferentiated with lentiviral IPF1 vectors reverse diabetes in mice: an ex vivo gene therapy approach. <i>Diabetologia</i> , 2006, 50, 121-130.	6.3	40
29	Lentiviral Vectors. <i>Methods in Molecular Biology</i> , 2011, 737, 183-209.	0.9	33
30	Lentivector Knockdown of CCR5 in Hematopoietic Stem and Progenitor Cells Confers Functional and Persistent HIV-1 Resistance in Humanized Mice. <i>Journal of Virology</i> , 2015, 89, 6761-6772.	3.4	30
31	Overexpression of <i>E2F3</i> promotes proliferation of functional human \hat{I}^2 cells without induction of apoptosis. <i>Cell Cycle</i> , 2013, 12, 2691-2702.	2.6	29
32	Transduction of CD34+ cells with lentiviral vectors enables the production of large quantities of transgene-expressing immature and mature dendritic cells. <i>Journal of Gene Medicine</i> , 2001, 3, 311-320.	2.8	27
33	Polyswitch Lentivectors: "All-in-One" Lentiviral Vectors for Drug-Inducible Gene Expression, Live Selection, and Recombination Cloning. <i>Human Gene Therapy</i> , 2011, 22, 1255-1267.	2.7	27
34	Fibroblast Growth Factor-2 Overexpression in Transplanted Neural Progenitors Promotes Perivascular Cluster Formation with a Neurogenic Potential. <i>Stem Cells</i> , 2009, 27, 1309-1317.	3.2	25
35	Transduction of CpG DNA-stimulated primary human B cells with bicistronic lentivectors. <i>Molecular Therapy</i> , 2005, 12, 892-899.	8.2	23
36	A software solution for recording circadian oscillator features in time-lapse live cell microscopy. <i>Cell Division</i> , 2010, 5, 17.	2.4	20

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37	Elimination of proliferating cells from CNS grafts using a Ki67 promoter-driven thymidine kinase. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16069.	4.1	19
38	Astrocytes spatially restrict <scp>VEGF</scp> signaling by polarized secretion and incorporation of <scp>VEGF</scp> into the actively assembling extracellular matrix. <i>Glia</i> , 2016, 64, 440-456.	4.9	18
39	Early Postnatal Migration and Development of Layer II Pyramidal Neurons in the Rodent Cingulate/Retrosplenial Cortex. <i>Cerebral Cortex</i> , 2012, 22, 144-157.	2.9	17
40	Optimization of Critical Hairpin Features Allows miRNA-based Gene Knockdown Upon Single-copy Transduction. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e207.	5.1	17
41	Apoptotic neurons induce proliferative responses of progenitor cells in the postnatal neocortex. <i>Experimental Neurology</i> , 2015, 273, 126-137.	4.1	11
42	Optimizing Synthetic miRNA Minigene Architecture for Efficient miRNA Hairpin Concatenation and Multi-target Gene Knockdown. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 351-363.	5.1	11
43	Multimodal MRI Imaging of Apoptosis-Triggered Microstructural Alterations in the Postnatal Cerebral Cortex. <i>Cerebral Cortex</i> , 2018, 28, 949-962.	2.9	10
44	Unusual Amino Acid Sequence of the Second Ig-Like Domain of the Feline CD4 Protein. <i>AIDS Research and Human Retroviruses</i> , 1992, 8, 1581-1591.	1.1	9
45	A role for atm in E-cadherin-mediated contact inhibition in epithelial cells. <i>Breast Cancer Research and Treatment</i> , 2006, 99, 143-153.	2.5	8
46	Transplanted Embryonic Neurons Improve Functional Recovery by Increasing Activity in Injured Cortical Circuits. <i>Cerebral Cortex</i> , 2020, 30, 4708-4725.	2.9	8
47	Generation of Human Cell Lines Using Lentiviral-Mediated Genetic Engineering. <i>Methods in Molecular Biology</i> , 2012, 945, 417-448.	0.9	7
48	Transient Deregulation of Canonical Wnt Signaling in Developing Pyramidal Neurons Leads to Dendritic Defects and Impaired Behavior. <i>Cell Reports</i> , 2019, 27, 1487-1502.e6.	6.4	7
49	Endogenous erythropoietin signaling regulates migration and laminar positioning of upper-layer neurons in the developing neocortex. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	6
50	EMMPRIN overexpression in SVZ neural progenitor cells increases their migration towards ischemic cortex. <i>Experimental Neurology</i> , 2017, 297, 14-24.	4.1	5