

J Paul Simons

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,801
citations

304368

22
h-index

223531

46
g-index

48
all docs

48
docs citations

48
times ranked

4053
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic exosomal siRNA delivery reduced alpha-synuclein aggregates in brains of transgenic mice. <i>Movement Disorders</i> , 2014, 29, 1476-1485.	2.2	384
2	Notch controls embryonic Schwann cell differentiation, postnatal myelination and adult plasticity. <i>Nature Neuroscience</i> , 2009, 12, 839-847.	7.1	285
3	Alteration of the quality of milk by expression of sheep β -lactoglobulin in transgenic mice. <i>Nature</i> , 1987, 328, 530-532.	13.7	281
4	Linkage of adult β - and δ -globin genes in <i>X. laevis</i> and gene duplication by tetraploidization. <i>Cell</i> , 1980, 21, 555-564.	13.5	202
5	Clusterin regulates β -amyloid toxicity via Dickkopf-1-driven induction of the wnt \rightarrow PCP \rightarrow JNK pathway. <i>Molecular Psychiatry</i> , 2014, 19, 88-98.	4.1	197
6	Targeting expression to the mammary gland: intronic sequences can enhance the efficiency of gene expression in transgenic mice. <i>Transgenic Research</i> , 1991, 1, 3-13.	1.3	127
7	Systemic Exosomal Delivery of shRNA Minicircles Prevents Parkinsonian Pathology. <i>Molecular Therapy</i> , 2019, 27, 2111-2122.	3.7	120
8	Expression of the Ror1 and Ror2 receptor tyrosine kinase genes during mouse development. <i>Development Genes and Evolution</i> , 2001, 211, 161-171.	0.4	104
9	Neurotoxic and neurotrophic roles of proNGF and the receptor sortilin in the adult and ageing nervous system. <i>European Journal of Neuroscience</i> , 2008, 27, 2103-2114.	1.2	95
10	The IGF-I splice variant MGF increases progenitor cells in ALS, dystrophic, and normal muscle. <i>FEBS Letters</i> , 2007, 581, 2727-2732.	1.3	86
11	Gene Transfer into Sheep. <i>Nature Biotechnology</i> , 1988, 6, 179-183.	9.4	83
12	Amyloid β synaptotoxicity is Wnt \rightarrow PCP dependent and blocked by fasudil. <i>Alzheimer's and Dementia</i> , 2018, 14, 306-317.	0.4	81
13	Pathogenetic mechanisms of amyloid A amyloidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16115-16120.	3.3	79
14	Loss of phosphatidylinositol 4-kinase 2β activity causes late onset degeneration of spinal cord axons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11535-11539.	3.3	77
15	A role for APP in Wnt signalling links synapse loss with β -amyloid production. <i>Translational Psychiatry</i> , 2018, 8, 179.	2.4	74
16	ProNGF, Sortilin, and Age \rightarrow related Neurodegeneration. <i>Annals of the New York Academy of Sciences</i> , 2007, 1119, 208-215.	1.8	62
17	Manipulation of the Repertoire of Digestive Enzymes Secreted into the Gastrointestinal Tract of Transgenic Mice. <i>Bio/technology</i> , 1993, 11, 376-379.	1.9	61
18	C \rightarrow reactive protein is essential for innate resistance to pneumococcal infection. <i>Immunology</i> , 2014, 142, 414-420.	2.0	51

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19	Overexpression of 5-HT _{2C} receptors in forebrain leads to elevated anxiety and hypoactivity. <i>European Journal of Neuroscience</i> , 2009, 30, 299-306.	1.2	39
20	Oligonucleotide-directed gene-editing technology: mechanisms and future prospects. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 329-342.	1.4	27
21	Exon Skipping of Hepatic APOB Pre-mRNA With Splice-switching Oligonucleotides Reduces LDL Cholesterol In Vivo. <i>Molecular Therapy</i> , 2013, 21, 602-609.	3.7	26
22	Amyloid persistence in decellularized liver: biochemical and histopathological characterization. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2016, 23, 1-7.	1.4	25
23	Differential spatio-temporal expression of alpha-dystrobrevin-1 during mouse development. <i>Gene Expression Patterns</i> , 2004, 4, 583-593.	0.3	22
24	Class I Major Histocompatibility Complex, the Trojan Horse for Secretion of Amyloidogenic β 2-Microglobulin. <i>Journal of Biological Chemistry</i> , 2014, 289, 3318-3327.	1.6	22
25	The expression and alternative splicing of alpha-neurexins during <i>Xenopus</i> development. <i>International Journal of Developmental Biology</i> , 2006, 50, 39-46.	0.3	21
26	Pharmacological removal of serum amyloid P component from intracerebral plaques and cerebrovascular A β amyloid deposits <i>in vivo</i> . <i>Open Biology</i> , 2016, 6, 150202.	1.5	21
27	A specific nanobody prevents amyloidogenesis of D76N β 2-microglobulin <i>in vitro</i> and modifies its tissue distribution <i>in vivo</i> . <i>Scientific Reports</i> , 2017, 7, 46711.	1.6	18
28	Type II PI4-kinases control Weibel-Palade body biogenesis and von Willebrand factor structure in Human endothelial cells. <i>Journal of Cell Science</i> , 2016, 129, 2096-105.	1.2	17
29	Human Apolipoprotein E Expression from Mouse Skeletal Muscle by Electrotransfer of Nonviral DNA (Plasmid) and Pseudotyped Recombinant Adeno-Associated Virus (AAV2/7). <i>Human Gene Therapy</i> , 2008, 19, 569-578.	1.4	14
30	Preliminary evaluation of a self-complementary AAV2/8 vector for hepatic gene transfer of human apoE3 to inhibit atherosclerotic lesion development in apoE-deficient mice. <i>Atherosclerosis</i> , 2009, 204, 121-126.	0.4	13
31	Plasmin activity promotes amyloid deposition in a transgenic model of human transthyretin amyloidosis. <i>Nature Communications</i> , 2021, 12, 7112.	5.8	13
32	Correction of the Neuropathogenic Human Apolipoprotein E4 (APOE4) Gene to APOE3 <i>in Vitro</i> Using Synthetic RNA/DNA Oligonucleotides (Chimeraplasts). <i>Journal of Molecular Neuroscience</i> , 2005, 25, 095-104.	1.1	10
33	Targeted In Situ Gene Correction of Dysfunctional APOE Alleles to Produce Atheroprotective Plasma ApoE3 Protein. <i>Cardiology Research and Practice</i> , 2012, 2012, 1-16.	0.5	9
34	Validation of oligonucleotide-mediated gene editing. <i>Gene Therapy</i> , 2009, 16, 824-826.	2.3	7
35	Monitoring systemic amyloidosis using MRI measurements of the extracellular volume fraction. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2013, 20, 93-98.	1.4	7
36	Novel defect in phosphatidylinositol 4-kinase type 2 α (PI4K2A) at the membrane-enzyme interface is associated with metabolic cutis laxa. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 1382-1391.	1.7	7

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37	The dangers of DNA vaccination. <i>Nature Medicine</i> , 1999, 5, 126-126.	15.2	6
38	Screening for mutations in the phosphatidylinositol 4-kinase 2-alpha gene in autosomal recessive hereditary spastic paraplegia. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2011, 12, 148-149.	2.3	6
39	Adeno-associated virus serotypes 7 and 8 outperform serotype 9 in expressing atheroprotective human apoE3 from mouse skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 491-498.	1.5	5
40	Lack of RNA-DNA oligonucleotide (chimeraplast) mutagenic activity in mouse embryos. <i>Molecular Reproduction and Development</i> , 2005, 71, 140-144.	1.0	4
41	Reducing β -Amyloid by Inhibition of BACE1: How Low Should You Go?. <i>Biological Psychiatry</i> , 2015, 77, 683-684.	0.7	3
42	Neurotoxic and neurotrophic roles of proNGF and the receptor sortilin in the adult and ageing nervous system. <i>European Journal of Neuroscience</i> , 2008, 28, 1940-1940.	1.2	2
43	Equilibrium contrast CMR for the detection of amyloidosis in mice. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	1.6	2
44	Oligonucleotide-mediated gene editing is underestimated in cells expressing mutated green fluorescent protein and is positively associated with target protein expression. <i>Journal of Gene Medicine</i> , 2012, 14, 109-119.	1.4	2
45	The Secretory Pathway for Milk Protein Secretion and Its Regulation. , 1995, , 253-263.		2
46	The effects of short-term JNK inhibition on the survival and growth of aged sympathetic neurons. <i>Neurobiology of Aging</i> , 2016, 46, 138-148.	1.5	1
47	Modification of Milk by Gene Transfer. , 1989, , 124-132.		0