Adeline A Lau

List of Publications by Citations

23 papers	495 citations	11 h-index	22 g-index
23 ext. papers	567 ext. citations	4.5 avg, IF	3.47 L-index

#	Paper	IF	Citations
23	Functional correction of CNS lesions in an MPS-IIIA mouse model by intracerebral AAV-mediated delivery of sulfamidase and SUMF1 genes. *Human Molecular Genetics*, **2007**, 16, 2693-702	5.6	90
22	Endo-lysosomal and autophagic dysfunction: a driving factor in Alzheimer's disease?. *Journal of Neurochemistry*, **2017**, 140, 703-717	6	79
21	Open field locomotor activity and anxiety-related behaviors in mucopolysaccharidosis type IIIA mice. *Behavioural Brain Research*, **2008**, 191, 130-6	3.4	58
20	In vitro characterization of genetically modified embryonic stem cells as a therapy for murine mucopolysaccharidosis type IIIA. *Molecular Genetics and Metabolism*, **2004**, 81, 86-95	3.7	40
19	Reduction in open field activity in the absence of memory deficits in the App knock-in mouse model of Alzheimer's disease. *Behavioural Brain Research*, **2018**, 336, 177-181	3.4	35
18	A Preclinical Study Evaluating AAVrh10-Based Gene Therapy for Sanfilippo Syndrome. *Human Gene Therapy*, **2016**, 27, 363-75	4.8	28
17	Allogeneic stem cell transplantation does not improve neurological deficits in mucopolysaccharidosis type IIIA mice. *Experimental Neurology*, **2010**, 225, 445-54	5.7	28
16	A simple method for early age phenotype confirmation using toe tissue from a mouse model of MPS IIIA. *Rapid Communications in Mass Spectrometry*, **2014**, 28, 933-8	2.2	25
15	SGSH gene transfer in mucopolysaccharidosis type IIIA mice using canine adenovirus vectors. *Molecular Genetics and Metabolism*, **2010**, 100, 168-75	3.7	23
14	Helper-dependent canine adenovirus vector-mediated transgene expression in a neurodegenerative lysosomal storage disorder. *Gene*, **2012**, 491, 53-7	3.8	20
13	Neonatal Bone Marrow Transplantation in MPS IIIA Mice. *JIMD Reports*, **2013**, 8, 121-32	1.9	18
12	AAVrh10 Vector Corrects Disease Pathology in MPS IIIA Mice and Achieves Widespread Distribution of SGSH in Large Animal Brains. *Molecular Therapy - Methods and Clinical Development*, **2020**, 17, 174-187	6.4	10
11	A novel conditional Sgsh knockout mouse model recapitulates phenotypic and neuropathic deficits of Sanfilippo syndrome. *Journal of Inherited Metabolic Disease*, **2017**, 40, 715-724	5.4	8
10	MPS-IIIA mice acquire autistic behaviours with age. *Journal of Inherited Metabolic Disease*, **2018**, 41, 669-677	5.4	7
9	Adeno-associated viral gene therapy for mucopolysaccharidoses exhibiting neurodegeneration. *Journal of Molecular Medicine*, **2017**, 95, 1043-1052	5.5	7
8	Lysosomal Dysregulation in the Murine App Model of Alzheimer's Disease. *Neuroscience*, **2020**, 429, 143-155	3.5	7
7	Synthetic Disaccharide Standards Enable Quantitative Analysis of Stored Heparan Sulfate in MPS IIIA Murine Brain Regions. *ACS Chemical Neuroscience*, **2019**, 10, 3847-3858	5.7	5

6	Variables influencing fluorimetric -sulfoglucosamine sulfohydrolase (SGSH) activity measurement in brain homogenates. *Molecular Genetics and Metabolism Reports*, **2015**, 5, 60-62	1.8	4
5	Canine adenoviral vector-mediated gene transfer to the guinea pig brain. *Gene Reports*, **2019**, 16, 100432	1.4	1
4	Directed differentiation and characterization of genetically modified embryonic stem cells for therapy. *Methods in Molecular Biology*, **2006**, 329, 471-84	1.4	1
3	MUCOPOLYSACCHARIDOSIS II (MPS II) IN A FREE-LIVING KAKA (NESTOR MERIDIONALIS) IN NEW ZEALAND. *Journal of Wildlife Diseases*, **2021**, 57, 884-890	1.3	1
2	Lysosomal gene displays haploinsufficiency in a knock-in mouse model of Alzheimer's disease.. *IBRO Neuroscience Reports*, **2022**, 12, 131-141		0
1	Intracerebral gene therapy for mucopolysaccharidosis type IIIB syndrome. *Lancet Neurology, The*, **2017**, 16, 681-682	24.1	