

Jerome Ausseil

List of Publications by Year in descending order

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55
papers

1,301
citations

430754

18
h-index

377752

34
g-index

64
all docs

64
docs citations

64
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracerebral gene therapy in children with mucopolysaccharidosis type IIIB syndrome: an uncontrolled phase 1/2 clinical trial. <i>Lancet Neurology</i> , The, 2017, 16, 712-720.	4.9	149
2	Safe, Efficient, and Reproducible Gene Therapy of the Brain in the Dog Models of Sanfilippo and Hurler Syndromes. <i>Molecular Therapy</i> , 2011, 19, 251-259.	3.7	129
3	Early Neurodegeneration Progresses Independently of Microglial Activation by Heparan Sulfate in the Brain of Mucopolysaccharidosis IIIB Mice. <i>PLoS ONE</i> , 2008, 3, e2296.	1.1	114
4	Neuroinflammation, mitochondrial defects and neurodegeneration in mucopolysaccharidosis III type C mouse model. <i>Brain</i> , 2015, 138, 336-355.	3.7	113
5	Gene therapy of the brain in the dog model of Hurler's syndrome. <i>Annals of Neurology</i> , 2006, 60, 204-213.	2.8	94
6	Mutations in TMEM76* Cause Mucopolysaccharidosis IIIC (Sanfilippo C Syndrome). <i>American Journal of Human Genetics</i> , 2006, 79, 807-819.	2.6	77
7	Storage Vesicles in Neurons Are Related to Golgi Complex Alterations in Mucopolysaccharidosis IIIB. <i>American Journal of Pathology</i> , 2010, 177, 2984-2999.	1.9	39
8	Enhanced degradation of synaptophysin by the proteasome in mucopolysaccharidosis type IIIB. <i>Molecular and Cellular Neurosciences</i> , 2009, 41, 8-18.	1.0	37
9	Oligogalacturonic Acid Inhibits Vascular Calcification by Two Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1391-1401.	1.1	32
10	Heparan Sulfate Saccharides Modify Focal Adhesions: Implication in Mucopolysaccharidosis Neuropathophysiology. <i>Journal of Molecular Biology</i> , 2015, 427, 775-791.	2.0	31
11	GM130 gain-of-function induces cell pathology in a model of lysosomal storage disease. <i>Human Molecular Genetics</i> , 2012, 21, 1481-1495.	1.4	26
12	Barhl2 limits growth of the diencephalic primordium through Caspase3 inhibition of β -catenin activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2288-2293.	3.3	24
13	GAP43 overexpression and enhanced neurite outgrowth in mucopolysaccharidosis type IIIB cortical neuron cultures. <i>Journal of Neuroscience Research</i> , 2010, 88, 202-213.	1.3	23
14	Oxidative stress is independent of inflammation in the neurodegenerative sanfilippo syndrome type B. <i>Journal of Neuroscience Research</i> , 2015, 93, 424-432.	1.3	23
15	Predominant role of microglia in brain iron retention in Sanfilippo syndrome, a pediatric neurodegenerative disease. <i>Glia</i> , 2018, 66, 1709-1723.	2.5	21
16	AAVrh10 Vector Corrects Disease Pathology in MPS IIIA Mice and Achieves Widespread Distribution of SGSH in Large Animal Brains. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 174-187.	1.8	21
17	Localisation of a gene for mucopolysaccharidosis IIIC to the pericentromeric region of chromosome 8. <i>Journal of Medical Genetics</i> , 2004, 41, 941-945.	1.5	20
18	β -L-Iduronidase transport in neurites. <i>Molecular Genetics and Metabolism</i> , 2006, 87, 349-358.	0.5	20

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19	Interactions between Flow Oscillations and Biochemical Parameters in the Cerebrospinal Fluid. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 154.	1.7	20
20	Urinary metabolic phenotyping of mucopolysaccharidosis type I combining untargeted and targeted strategies with data modeling. <i>Clinica Chimica Acta</i> , 2017, 475, 7-14.	0.5	19
21	Unveiling metabolic remodeling in mucopolysaccharidosis type III through integrative metabolomics and pathway analysis. <i>Journal of Translational Medicine</i> , 2018, 16, 248.	1.8	19
22	Magnesium Sulfate Prevents Neurochemical and Long-Term Behavioral Consequences of Neonatal Excitotoxic Lesions: Comparison Between Male and Female Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 883-897.	0.9	18
23	Analysis of Mucopolysaccharidosis Type VI through Integrative Functional Metabolomics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 446.	1.8	18
24	Cyclic Expression of A Nuclear Protein In A Dinoflagellate. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 259-267.	0.8	17
25	An acetylated 120-kDa lysosomal transmembrane protein is absent from mucopolysaccharidosis IIIC fibroblasts: A candidate molecule for MPS IIIC. <i>Molecular Genetics and Metabolism</i> , 2006, 87, 22-31.	0.5	17
26	Cell-Mediated Immunity to NAGLU Transgene Following Intracerebral Gene Therapy in Children With Mucopolysaccharidosis Type IIIB Syndrome. <i>Frontiers in Immunology</i> , 2021, 12, 655478.	2.2	16
27	Oxidized low density lipoprotein induces cyclin a synthesis. Involvement of ERK, JNK and NFkappaB. <i>Atherosclerosis</i> , 2011, 218, 308-313.	0.4	15
28	Characterization of p80, a Novel Nuclear and Cytoplasmic Protein in Dinoflagellates. <i>Protist</i> , 1999, 150, 197-211.	0.6	13
29	High urinary ferritin reflects myoglobin iron evacuation in DMD patients. <i>Neuromuscular Disorders</i> , 2018, 28, 564-571.	0.3	13
30	Possible Role of Adipose Tissue and the Endocannabinoid System in Coronavirus Disease 2019 Pathogenesis: Can Rimonabant Return?. <i>Obesity</i> , 2020, 28, 1580-1581.	1.5	12
31	Efficient recovery of glycosaminoglycan oligosaccharides from polyacrylamide gel electrophoresis combined with mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1257-1269.	1.9	11
32	Effects of Chronic Kidney Disease and Uremic Toxins on Extracellular Vesicle Biology. <i>Toxins</i> , 2020, 12, 811.	1.5	11
33	Extracellular Vesicles From LPS-Treated Macrophages Aggravate Smooth Muscle Cell Calcification by Propagating Inflammation and Oxidative Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 823450.	1.8	10
34	Storage problems in lysosomal diseases. <i>Biochemical Society Transactions</i> , 2010, 38, 1442-1447.	1.6	9
35	Intracerebral Gene Therapy in Four Children with Sanfilippo B Syndrome: 5.5-Year Follow-Up Results. <i>Human Gene Therapy</i> , 2021, 32, 1251-1259.	1.4	9
36	Preservation of viable biological samples for experiments in space laboratories. <i>Journal of Biotechnology</i> , 1996, 47, 377-393.	1.9	8

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37	GFOGER Peptide Modifies the Protein Content of Extracellular Vesicles and Inhibits Vascular Calcification. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 589761.	1.8	8
38	Nuclear and cytoplasmic actin in dinoflagellates. <i>Biology of the Cell</i> , 1996, 87, 17-35.	0.7	8
39	Dinoflagellate centrosome: Associated proteins old and new. <i>European Journal of Protistology</i> , 2000, 36, 1-19.	0.5	7
40	Glycerophosphodiesterase 3 (GDE3) is a lysophosphatidylinositol-specific ectophospholipase C acting as an endocannabinoid signaling switch. <i>Journal of Biological Chemistry</i> , 2020, 295, 15767-15781.	1.6	7
41	Human Cytomegalovirus Infection Changes the Pattern of Surface Markers of Small Extracellular Vesicles Isolated From First Trimester Placental Long-Term Histocultures. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 689122.	1.8	7
42	Removal of albumin and immunoglobulins from canine cerebrospinal fluid using depletion kits: a feasibility study. <i>Fluids and Barriers of the CNS</i> , 2014, 11, 14.	2.4	6
43	Can antidepressants unlock prescription of rimonabant in the fight against COVID-19?. <i>Molecular Psychiatry</i> , 2021, 26, 7091-7092.	4.1	3
44	Intracerebral administration of rAAV2/5hNAGLU vector in children with MPS IIIB: results at 30 months of a phase I/II trial. <i>Molecular Genetics and Metabolism</i> , 2017, 120, S130.	0.5	2
45	Methods for Noninvasive Monitoring of Muscle Fiber Survival with an AAV Vector Encoding the mSEAP Reporter Gene. <i>Methods in Molecular Biology</i> , 2011, 709, 63-74.	0.4	2
46	Abnormal expression of truncated CRMP-1 protein in the brain cortex of MPSIIIB mice. <i>Molecular Genetics and Metabolism</i> , 2008, 94, 135-138.	0.5	1
47	Proteins related to mitosis in unicellular dinoflagellates, a biochemical study. <i>Biology of the Cell</i> , 1995, 84, 103-103.	0.7	0
48	O2-P001 Caspase3 and the homeodomain-containing gene Barhl2 act as brakes on neuroepithelial cell proliferation by inhibiting β -catenin activation. <i>Mechanisms of Development</i> , 2009, 126, S60.	1.7	0
49	Chemistry of free radicals produced by oxidation of endogenous α -aminoketones. A study of 5-aminolevulinic acid and α -aminoacetone by fast kinetics spectroscopy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 3190-3197.	1.1	0
50	CSF protein variations correlates with CSF oscillations in hydrocephalus patients. <i>Fluids and Barriers of the CNS</i> , 2015, 12, O34.	2.4	0
51	Brain disease in mucopolysaccharidosis III C mouse: Neuroinflammation, mitochondrial defects and neurodegeneration. <i>Molecular Genetics and Metabolism</i> , 2015, 114, S97.	0.5	0
52	Su1249 Evaluation of NT-proBNP in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2015, 148, S-451.	0.6	0
53	Evaluation of the Diagnostic and Prognostic Value of Procalcitonin in Acute Colitis. <i>Gastroenterology</i> , 2017, 152, S805.	0.6	0
54	Synthesis of new sulfated disaccharides for the modulation of TLR4-dependent inflammation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4346-4351.	1.5	0

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55	Surrogate Cerebrospinal Fluid Biomarkers for Assessing the Efficacy of Gene Therapy in Hurler Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 640547.	1.1	0