Jerome Ausseil

List of Publications by Year
in descending order

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55 papers	1,301 citations	430874 18 h-index	377865 34 g-index
64 all docs	64 docs citations	64 times ranked	1564 citing authors

#	Article	IF	Citations
1	Extracellular Vesicles From LPS-Treated Macrophages Aggravate Smooth Muscle Cell Calcification by Propagating Inflammation and Oxidative Stress. Frontiers in Cell and Developmental Biology, 2022, 10, 823450.	3.7	10
2	Synthesis of new sulfated disaccharides for the modulation of TLR4-dependent inflammation. Organic and Biomolecular Chemistry, 2021, 19, 4346-4351.	2.8	0
3	Cell-Mediated Immunity to NAGLU Transgene Following Intracerebral Gene Therapy in Children With Mucopolysaccharidosis Type IIIB Syndrome. Frontiers in Immunology, 2021, 12, 655478.	4.8	16
4	Surrogate Cerebrospinal Fluid Biomarkers for Assessing the Efficacy of Gene Therapy in Hurler Syndrome. Frontiers in Neurology, 2021, 12, 640547.	2.4	0
5	Can antidepressants unlock prescription of rimonabant in the fight against COVID-19?. Molecular Psychiatry, 2021, 26, 7091-7092.	7.9	3
6	Intracerebral Gene Therapy in Four Children with Sanfilippo B Syndrome: 5.5-Year Follow-Up Results. Human Gene Therapy, 2021, 32, 1251-1259.	2.7	9
7	Human Cytomegalovirus Infection Changes the Pattern of Surface Markers of Small Extracellular Vesicles Isolated From First Trimester Placental Long-Term Histocultures. Frontiers in Cell and Developmental Biology, 2021, 9, 689122.	3.7	7
8	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.	4.1	21
9	GFOGER Peptide Modifies the Protein Content of Extracellular Vesicles and Inhibits Vascular Calcification. Frontiers in Cell and Developmental Biology, 2020, 8, 589761.	3.7	8
10	Glycerophosphodiesterase 3 (GDE3) is a lysophosphatidylinositol-specific ectophospholipase C acting as an endocannabinoid signaling switch. Journal of Biological Chemistry, 2020, 295, 15767-15781.	3.4	7
11	Possible Role of Adipose Tissue and the Endocannabinoid System in Coronavirus Disease 2019 Pathogenesis: Can Rimonabant Return?. Obesity, 2020, 28, 1580-1581.	3.0	12
12	Effects of Chronic Kidney Disease and Uremic Toxins on Extracellular Vesicle Biology. Toxins, 2020, 12, 811.	3.4	11
13	Analysis of Mucopolysaccharidosis Type VI through Integrative Functional Metabolomics. International Journal of Molecular Sciences, 2019, 20, 446.	4.1	18
14	Predominant role of microglia in brain iron retention in Sanfilippo syndrome, a pediatric neurodegenerative disease. Glia, 2018, 66, 1709-1723.	4.9	21
15	Unveiling metabolic remodeling in mucopolysaccharidosis type III through integrative metabolomics and pathway analysis. Journal of Translational Medicine, 2018, 16, 248.	4.4	19
16	High urinary ferritin reflects myoglobin iron evacuation in DMD patients. Neuromuscular Disorders, 2018, 28, 564-571.	0.6	13
17	Oligogalacturonic Acid Inhibits Vascular Calcification by Two Mechanisms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1391-1401.	2.4	32
18	Intracerebral administration of rAAV2/5hNAGLU vector in children with MPS IIIB: results at 30 months of a phase I/II trial. Molecular Genetics and Metabolism, 2017, 120, S130.	1.1	2

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19	Urinary metabolic phenotyping of mucopolysaccharidosis type I combining untargeted and targeted strategies with data modeling. Clinica Chimica Acta, 2017, 475, 7-14.	1.1	19
20	Magnesium Sulfate Prevents Neurochemical and Long-Term Behavioral Consequences of Neonatal Excitotoxic Lesions: Comparison Between Male and Female Mice. Journal of Neuropathology and Experimental Neurology, 2017, 76, 883-897.	1.7	18
21	Evaluation of the Diagnostic and Prognostic Value of Procalcitonin in Acute Colitis. Gastroenterology, 2017, 152, S805.	1.3	0
22	Intracerebral gene therapy in children with mucopolysaccharidosis type IIIB syndrome: an uncontrolled phase 1/2 clinical trial. Lancet Neurology, The, 2017, 16, 712-720.	10.2	149
23	Efficient recovery of glycosaminoglycan oligosaccharides from polyacrylamide gel electrophoresis combined with mass spectrometry analysis. Analytical and Bioanalytical Chemistry, 2017, 409, 1257-1269.	3.7	11
24	Interactions between Flow Oscillations and Biochemical Parameters in the Cerebrospinal Fluid. Frontiers in Aging Neuroscience, 2016, 8, 154.	3.4	20
25	CSF protein variations correlates with CSF oscillations in hydrocephalus patients. Fluids and Barriers of the CNS, 2015, 12, O34.	5.0	0
26	Neuroinflammation, mitochondrial defects and neurodegeneration in mucopolysaccharidosis III type C mouse model. Brain, 2015, 138, 336-355.	7.6	113
27	Oxidative stress is independent of inflammation in the neurodegenerative sanfilippo syndrome type B. Journal of Neuroscience Research, 2015, 93, 424-432.	2.9	23
28	Brain disease in mucopolysaccharidosis III C mouse: Neuroinflammation, mitochondrial defects and neurodegeneration. Molecular Genetics and Metabolism, 2015, 114, S97.	1.1	0
29	Su1249 Evaluation of NT-proBNP in Inflammatory Bowel Disease. Gastroenterology, 2015, 148, S-451.	1.3	0
30	Heparan Sulfate Saccharides Modify Focal Adhesions: Implication in Mucopolysaccharidosis Neuropathophysiology. Journal of Molecular Biology, 2015, 427, 775-791.	4.2	31
31	Removal of albumin and immunoglobulins from canine cerebrospinal fluid using depletion kits: a feasibility study. Fluids and Barriers of the CNS, 2014, 11, 14.	5.0	6
32	Chemistry of free radicals produced by oxidation of endogenous Î±-aminoketones. A study of 5-aminolevulinic acid and Î±-aminoacetone by fast kinetics spectroscopy. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 3190-3197.	2.4	0
33	GM130 gain-of-function induces cell pathology in a model of lysosomal storage disease. Human Molecular Genetics, 2012, 21, 1481-1495.	2.9	26
34	Oxidized low density lipoprotein induces cyclin a synthesis. Involvement of ERK, JNK and NFkappaB. Atherosclerosis, 2011, 218, 308-313.	0.8	15
35	Barhl2 limits growth of the diencephalic primordium through Caspase3 inhibition of Â-catenin activation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2288-2293.	7.1	24
36	Safe, Efficient, and Reproducible Gene Therapy of the Brain in the Dog Models of Sanfilippo and Hurler Syndromes. Molecular Therapy, 2011, 19, 251-259.	8.2	129

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37	Methods for Noninvasive Monitoring of Muscle Fiber Survival with an AAV Vector Encoding the mSEAP Reporter Gene. Methods in Molecular Biology, 2011, 709, 63-74.	0.9	2
38	Storage problems in lysosomal diseases. Biochemical Society Transactions, 2010, 38, 1442-1447.	3.4	9
39	GAP43 overexpression and enhanced neurite outgrowth in mucopolysaccharidosis type IIIB cortical neuron cultures. Journal of Neuroscience Research, 2010, 88, 202-213.	2.9	23
40	Storage Vesicles in Neurons Are Related to Golgi Complex Alterations in Mucopolysaccharidosis IIIB. American Journal of Pathology, 2010, 177, 2984-2999.	3.8	39
41	Enhanced degradation of synaptophysin by the proteasome in mucopolysaccharidosis type IIIB. Molecular and Cellular Neurosciences, 2009, 41, 8-18.	2.2	37
42	02-P001 Caspase3 and the homeodomain-containing gene Barhl2 act as brakes on neuroepithelial cell proliferation by inhibiting Î²-catenin activation. Mechanisms of Development, 2009, 126, S60.	1.7	0
43	Abnormal expression of truncated CRMP-1 protein in the brain cortex of MPSIIIB mice. Molecular Genetics and Metabolism, 2008, 94, 135-138.	1.1	1
44	Early Neurodegeneration Progresses Independently of Microglial Activation by Heparan Sulfate in the Brain of Mucopolysaccharidosis IIIB Mice. PLoS ONE, 2008, 3, e2296.	2.5	114
45	Mutations in TMEM76* Cause Mucopolysaccharidosis IIIC (Sanfilippo C Syndrome). American Journal of Human Genetics, 2006, 79, 807-819.	6.2	77
46	An acetylated 120-kDa lysosomal transmembrane protein is absent from mucopolysaccharidosis IIIC fibroblasts: A candidate molecule for MPS IIIC. Molecular Genetics and Metabolism, 2006, 87, 22-31.	1.1	17
47	Î±-l-Iduronidase transport in neurites. Molecular Genetics and Metabolism, 2006, 87, 349-358.	1.1	20
48	Gene therapy of the brain in the dog model of Hurler's syndrome. Annals of Neurology, 2006, 60, 204-213.	5.3	94
49	Localisation of a gene for mucopolysaccharidosis IIIC to the pericentromeric region of chromosome 8. Journal of Medical Genetics, 2004, 41, 941-945.	3.2	20
50	Dinoflagellate centrosome: Associated proteins old and new. European Journal of Protistology, 2000, 36, 1-19.	1.5	7
51	Cyclic Expression of A Nuclear Protein In A Dinoflagellate. Journal of Eukaryotic Microbiology, 1999, 46, 259-267.	1.7	17
52	Characterization of p80, a Novel Nuclear and Cytoplasmic Protein in Dinoflagellates. Protist, 1999, 150, 197-211.	1.5	13
53	Preservation of viable biological samples for experiments in space laboratories. Journal of Biotechnology, 1996, 47, 377-393.	3.8	8
54	Nuclear and cytoplasmic actin in dinoflagellates. Biology of the Cell, 1996, 87, 17-35.	2.0	8

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55	Proteins related to mitosis in unicellular dinoflagellates, a biochemical study. Biology of the Cell, 1995, 84, 103-103.	2.0	0