Guglielmo Rosario Domenico Villani

List of Publications by Year
in descending order

34 papers	974 citations	394421 19 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	1254 citing authors

#	Article	IF	Citations
1	Influence of Sex on Urinary Organic Acids: A Cross-Sectional Study in Children. International Journal of Molecular Sciences, 2020, 21, 582.	4.1	33
2	Hypermethioninemia in Campania: Results from 10â€¯years of newborn screening. Molecular Genetics and Metabolism Reports, 2019, 21, 100520.	1.1	2
3	Insulinâ€resistance in glycogen storage disease type Ia: linking carbohydrates and mitochondria?. Journal of Inherited Metabolic Disease, 2018, 41, 985-995.	3.6	24
4	Biochemical and molecular characterization of 3-Methylcrotonylglycinuria in an Italian asymptomatic girl. Genetics and Molecular Biology, 2018, 41, 379-385.	1.3	8
5	â€œClassical organic aciduriasâ€• diagnosis and pathogenesis. Clinical and Experimental Medicine, 2017, 17, 305-323.	3.6	69
6	Targeted metabolomics in the expanded newborn screening for inborn errors of metabolism. Molecular BioSystems, 2015, 11, 1525-1535.	2.9	73
7	Maternal vitamin B12 deficiency detected in expanded newborn screening. Clinical Biochemistry, 2014, 47, 312-317.	1.9	53
8	Hurler Disease Bone Marrow Stromal Cells Exhibit Altered Ability to Support Osteoclast Formation. Stem Cells and Development, 2012, 21, 1466-1477.	2.1	24
9	Unfolded protein response is not activated in the mucopolysaccharidoses but protein disulfide isomerase 5 is deregulated. Journal of Inherited Metabolic Disease, 2012, 35, 479-493.	3.6	13
10	A novel GLA mutation in a Fabry family with glucose-6-phosphate dehydrogenase deficiency. Journal of Nephrology, 2012, 25, 582-585.	2.0	2
11	Large Deletion Involving Exon 5 of the Arylsulfatase B Gene Caused Apparent Homozygosity in a Mucopolysaccharidosis Type VI Patient. Genetic Testing and Molecular Biomarkers, 2010, 14, 113-120.	0.7	10
12	Mucopolysaccharidosis IIIB: Oxidative damage and cytotoxic cell involvement in the neuronal pathogenesis. Brain Research, 2009, 1279, 99-108.	2.2	53
13	Intracranial gene delivery of LVâ€NAGLU vector corrects neuropathology in murine MPS IIIB. American Journal of Medical Genetics, Part A, 2009, 149A, 1209-1218.	1.2	32
14	Molecular markers for the follow-up of enzyme-replacement therapy in mucopolysaccharidosis typeÂVI disease. Biotechnology and Applied Biochemistry, 2008, 49, 219.	3.1	18
15	Cytokines, neurotrophins, and oxidative stress in brain disease from mucopolysaccharidosis IIIB. Journal of Neuroscience Research, 2007, 85, 612-622.	2.9	106
16	Treatment of the mouse model of mucopolysaccharidosis type IIIB with lentiviral-NAGLU vector. Biochemical Journal, 2005, 388, 639-646.	3.7	56
17	An adult Sanfilippo type A patient with homozygous mutation R206P in the sulfamidase gene. American Journal of Medical Genetics, Part A, 2005, 133A, 85-89.	1.2	20
18	Gene Therapy for a Mucopolysaccharidosis Type I Murine Model with Lentiviral-IDUA Vector. Human Gene Therapy, 2005, 16, 81-90.	2.7	72

#	Article	IF	Citations
19	Analysis of Sanfilippo A gene mutations in a large pedigree. Clinical Genetics, 2003, 63, 314-318.	2.0	18
20	Correction of mucopolysaccharidosis type IIIb fibroblasts by lentiviral vector-mediated gene transfer. Biochemical Journal, 2002, 364, 747-753.	3.7	20
21	Uptake of recombinant iduronate-2-sulfatase into neuronal and glial cells in vitro. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1588, 203-209.	3.8	17
22	In vitrogene therapy of mucopolysaccharidosis type I by lentiviral vectors. FEBS Journal, 2002, 269, 2764-2771.	0.2	15
23	Extraneurologic symptoms as presenting signs of Sanfilippo disease. Pediatric Neurology, 2001, 25, 254-257.	2.1	4
24	The effect of four mutations on the expression of iduronate-2-sulfatase in mucopolysaccharidosis type II. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2001, 1537, 233-238.	3.8	16
25	Molecular defects in the Î±-N-acetylglucosaminidase gene in Italian Sanfilippo type B patients. Human Genetics, 2000, 107, 568-576.	3.8	30
26	Expression of five iduronate-2-sulfatase site-directed mutations. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1501, 71-80.	3.8	20
27	Heparan N-sulfatase gene: two novel mutations and transient expression of 15 defects. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1501, 1-11.	3.8	37
28	Prenatal diagnosis of Sanfilippo type A syndrome in a family with S66W mutant allele. , 1999, 19, 993-994.		8
29	Maroteauxâ€“Lamy syndrome: five novel mutations and their structural localization. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1999, 1453, 185-192.	3.8	25
30	Mutations among Italian mucopolysaccharidosis type I patients. Journal of Inherited Metabolic Disease, 1997, 20, 803-806.	3.6	34
31	Enhancement of tissue lipoperoxidation in propanil-treated rats. Toxicology Letters, 1995, 78, 215-218.	0.8	12
32	Molecular analysis of DNA adducts and hprt mutations produced by 6-nitrosochrysene in Chinese hamster ovary cells. Carcinogenesis, 1993, 14, 1863-1870.	2.8	18
33	Effect of avarol and avarone on in vitro-induced microsomal lipid peroxidation. Toxicology, 1992, 72, 221-233.	4.2	31
34	Effect of rat liver cytosolic enzymes and cofactors on mutagenicity of 1-amino-8-nitropyrene. Carcinogenesis, 1991, 12, 361-364.	2.8	1