Antonio Velayos-Baeza

List of Publications by Year
in descending order

40 papers	1,742 citations	394421 19 h-index	302126 39 g-index
44 all docs	44 docs citations	44 times ranked	2468 citing authors

#	Article	IF	Citations
1	LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia. Molecular Psychiatry, 2007, 12, 1129-1139.	7.9	300
2	Analysis of the human VPS13 gene family. Genomics, 2004, 84, 536-549.	2.9	190
3	Chorein detection for the diagnosis of choreaâ€acanthocytosis. Annals of Neurology, 2004, 56, 299-302.	5.3	186
4	Human VPS13A is associated with multiple organelles and influences mitochondrial morphology and lipid droplet motility. ELife, 2019, 8, .	6.0	114
5	A bifunctional enzyme with lycopene cyclase and phytoene synthase activities is encoded by the carRP gene of Mucor circinelloides. FEBS Journal, 2000, 267, 5509-5519.	0.2	105
6	Blue-light regulation of phytoene dehydrogenase (carB) gene expression in Mucor circinelloides. Planta, 2000, 210, 938-946.	3.2	90
7	Heterologous expression of astaxanthin biosynthesis genes in Mucor circinelloides. Applied Microbiology and Biotechnology, 2006, 69, 526-531.	3.6	59
8	The dyslexia-associated gene KIAA0319 encodes highly N- and O-glycosylated plasma membrane and secreted isoforms. Human Molecular Genetics, 2008, 17, 859-871.	2.9	56
9	Trafficking of the Menkes copper transporter ATP7A is regulated by clathrin-, AP-2â€“, AP-1â€“, and Rab22-dependent steps. Molecular Biology of the Cell, 2013, 24, 1735-1748.	2.1	55
10	The neuronal migration hypothesis of dyslexia: A critical evaluation 30Âyears on. European Journal of Neuroscience, 2018, 48, 3212-3233.	2.6	48
11	VPS13D promotes peroxisome biogenesis. Journal of Cell Biology, 2021, 220, .	5.2	47
12	Identification of a VPS13A founder mutation in French Canadian families with chorea-acanthocytosis. Neurogenetics, 2005, 6, 151-158.	1.4	36
13	The Dyslexia-associated KIAA0319 Protein Undergoes Proteolytic Processing with Î³-Secretase-independent Intramembrane Cleavage. Journal of Biological Chemistry, 2010, 285, 40148-40162.	3.4	36
14	Identification of VPS13C as a Galectin-12-Binding Protein That Regulates Galectin-12 Protein Stability and Adipogenesis. PLoS ONE, 2016, 11, e0153534.	2.5	35
15	Complementation Analysis of Carotenogenic Mutants ofMucor circinelloides. Fungal Genetics and Biology, 1997, 22, 19-27.	2.1	33
16	The dyslexia-associated protein KIAA0319 interacts with adaptor protein 2 and follows the classical clathrin-mediated endocytosis pathway. American Journal of Physiology - Cell Physiology, 2009, 297, C160-C168.	4.6	31
17	Alternative splicing in the dyslexia-associated gene KIAA0319. Mammalian Genome, 2007, 18, 627-634.	2.2	30
18	The Dyslexia-susceptibility Protein KIAA0319 Inhibits Axon Growth Through Smad2 Signaling. Cerebral Cortex, 2017, 27, 1732-1747.	2.9	29

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19	Drosophila Vps13 Is Required for Protein Homeostasis in the Brain. PLoS ONE, 2017, 12, e0170106.	2.5	28
20	Changes in the expression of the type 2 diabetes-associated gene VPS13C in the Î²-cell are associated with glucose intolerance in humans and mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E488-E507.	3.5	21
21	Functional Analysis of the Phycomyces carRA Gene Encoding the Enzymes Phytoene Synthase and Lycopene Cyclase. PLoS ONE, 2011, 6, e23102.	2.5	20
22	Interallelic complementation provides genetic evidence for the multimeric organization of thePhycomyces blakesleeanusphytoene dehydrogenase. FEBS Journal, 2002, 269, 902-908.	0.2	19
23	Structure and function of the genes involved in the biosynthesis of carotenoids in the mucorales. Biotechnology and Bioprocess Engineering, 2000, 5, 263-274.	2.6	18
24	Knockout Mice for Dyslexia Susceptibility Gene Homologs KIAA0319 and KIAA0319L have Unaffected Neuronal Migration but Display Abnormal Auditory Processing. Cerebral Cortex, 2017, 27, 5831-5845.	2.9	18
25	Normal radial migration and lamination are maintained in dyslexia-susceptibility candidate gene homolog Kiaa0319 knockout mice. Brain Structure and Function, 2017, 222, 1367-1384.	2.3	16
26	Autosomal recessive transmission of chorea-acanthocytosis confirmed. Acta Neuropathologica, 2012, 123, 905-906.	7.7	15
27	Dominant transmission of chorea-acanthocytosis with VPS13A mutations remains speculative. Acta Neuropathologica, 2009, 117, 95-96.	7.7	13
28	AU040320 deficiency leads to disruption of acrosome biogenesis and infertility in homozygous mutant mice. Scientific Reports, 2018, 8, 10379.	3.3	13
29	Interallelic complementation at the pyrF locus and the homodimeric nature of orotate phosphoribosyltransferase (OPRTase) in Mucor circinelloides. Molecular Genetics and Genomics, 1998, 260, 251-260.	2.4	12
30	Carotenoid Mutants of Mucor circinelloides. Botanica Acta, 1995, 108, 396-400.	1.6	11
31	Chorea-Acanthocytosis Genotype in the Original Critchley Kentucky Neuroacanthocytosis Kindred. Archives of Neurology, 2011, 68, 1330.	4.5	11
32	A novel fungal prenyl diphosphate synthase in the dimorphic zygomycete Mucor circinelloides. Current Genetics, 2004, 45, 371-377.	1.7	9
33	LRRTM1 protein is located in the endoplasmic reticulum (ER) in mammalian cells. Molecular Psychiatry, 2007, 12, 1057-1057.	7.9	8
34	The Function of Chorein. , 2008, , 87-105.		8
35	Identification of two compound heterozygous VPS13A large deletions in choreaâ€acanthocytosis only by protein and quantitative DNA analysis. Molecular Genetics & Genomic Medicine, 2020, 8, e1179.	1.2	5
36	Late Emergence of Parkinsonian Phenotype and Abnormal Dopamine Transporter Scan in Choreaâ€Acanthocytosis. Movement Disorders Clinical Practice, 2015, 2, 182-186.	1.5	4

#	Article	IF	Citations
37	Mutation in the CHAC gene in a family of autosomal dominant choreaâ€“acanthocytosis. Neurology, 2012, 79, 198-199.	1.1	2
38	Eighth International Chorea-Acanthocytosis Symposium: Summary of Workshop Discussion and Action Points. Tremor and Other Hyperkinetic Movements, 2017, 7, 428.	2.0	2
39	Rapid auditory processing and medial geniculate nucleus anomalies in Kiaa0319 knockout mice. Genes, Brain and Behavior, 2022, 21, e12808.	2.2	2
40	Chorein Deficiency and Alzheimer Disease: An Intriguing, Yet Premature Speculation. Alzheimer Disease and Associated Disorders, 2017, 31, 80-81.	1.3	1