Virginia Barone

List of Publications by Year
in descending order

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40 papers	2,913 citations	236925 25 h-index	361022 35 g-index
40 all docs	40 docs citations	40 times ranked	2795 citing authors

#	Article	IF	Citations
1	Lymphatic Collecting Vessels in Health and Disease: A Review of Histopathological Modifications in Lymphedema. Lymphatic Research and Biology, 2022, , .	1.1	7
2	Light-Induced Smooth Endoplasmic Reticulum Rearrangement in a Unique Interlaced Compartmental Pattern in Macaca mulatta RPE. , 2021, 62, 32.		0
3	New Insights into the Pathophysiology of Primary and Secondary Lymphedema: Histopathological Studies on Human Lymphatic Collecting Vessels. Lymphatic Research and Biology, 2020, 18, 502-509.	1.1	14
4	Chemical Characterisation and Antihypertensive Effects of Locular Gel and Serum of Lycopersicum esculentum L. var. â€œCamoneâ€•Tomato in Spontaneously Hypertensive Rats. Molecules, 2020, 25, 3758.	3.8	11
5	A Novel FLNC Frameshift and an OBSCN Variant in a Family with Distal Muscular Distrophy. Biophysical Journal, 2018, 114, 136a.	0.5	0
6	Testing an Attachment-Based Parenting Intervention-VIPP-FC/A in Adoptive Families with Post-institutionalized Children: Do Maternal Sensitivity and Genetic Markers Count?. Frontiers in Psychology, 2018, 9, 156.	2.1	16
7	Examining the Impact of Maternal Individual Features on Childrenâ€™s Behavioral Problems in Adoptive Families: The Role of Maternal Temperament and Neurobiological Markers. International Journal of Environmental Research and Public Health, 2018, 15, 196.	2.6	3
8	Identification and characterization of three novel mutations in theCASQ1gene in four patients with tubular aggregate myopathy. Human Mutation, 2017, 38, 1761-1773.	2.5	51
9	A novel FLNC frameshift and an OBSCN variant in a family with distal muscular dystrophy. PLoS ONE, 2017, 12, e0186642.	2.5	29
10	Identification of a Calsequestrin-1 Mutation in a Human Vacuolar Myopathy. Biophysical Journal, 2015, 108, 503a.	0.5	0
11	Yip1B isoform is localized at ERâ€“Golgi intermediate and cis-Golgi compartments and is not required for maintenance of the Golgi structure in skeletal muscle. Histochemistry and Cell Biology, 2015, 143, 235-243.	1.7	14
12	Organization of junctional sarcoplasmic reticulum proteins in skeletal muscle fibers. Journal of Muscle Research and Cell Motility, 2015, 36, 501-515.	2.0	40
13	A Mutation in theCASQ1Gene Causes a Vacuolar Myopathy with Accumulation of Sarcoplasmic Reticulum Protein Aggregates. Human Mutation, 2014, 35, 1163-1170.	2.5	53
14	Increased Susceptibility to Cortical Spreading Depression in the Mouse Model of Familial Hemiplegic Migraine Type 2. PLoS Genetics, 2011, 7, e1002129.	3.5	179
15	Overexpression of YAP1 induces immortalization of normal human keratinocytes by blocking clonal evolution. Histochemistry and Cell Biology, 2010, 134, 265-276.	1.7	15
16	The Sarcoplasmic Reticulum: An Organized Patchwork of Specialized Domains. Traffic, 2008, 9, 1044-1049.	2.7	66
17	Two de novo mutations in the Na,K-ATPase gene ATP1A2 associated with pure familial hemiplegic migraine. European Journal of Human Genetics, 2006, 14, 555-560.	2.8	56
18	Molecular interactions with obscurin are involved in the localization of muscle-specific small ankyrin1 isoforms to subcompartments of the sarcoplasmic reticulum. Experimental Cell Research, 2006, 312, 3546-3558.	2.6	51

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19	A novel mutation in the ATP1A2 gene causes alternating hemiplegia of childhood. Journal of Medical Genetics, 2004, 41, 621-628.	3.2	100
20	Binding of an ankyrin-1 isoform to obscurin suggests a molecular link between the sarcoplasmic reticulum and myofibrils in striated muscles. Journal of Cell Biology, 2003, 160, 245-253.	5.2	177
21	Homer proteins and InsP3 receptors co-localise in the longitudinal sarcoplasmic reticulum of skeletal muscle fibres. Cell Calcium, 2002, 32, 193-200.	2.4	52
22	The gas 5 gene shows four alternative splicing patterns without coding for a protein. Gene, 2000, 256, 13-17.	2.2	55
23	Intracellular Ca2+ release channels in evolution. Current Opinion in Genetics and Development, 2000, 10, 662-667.	3.3	62
24	Ryanodine-Sensitive Calcium Release Channels. , 2000, , 205-219.		1
25	Deletion of the ryanodine receptor type 3 (RyR3) impairs forms of synaptic plasticity and spatial learning. EMBO Journal, 1999, 18, 5264-5273.	7.8	161
26	Contribution of Ryanodine Receptor Type 3 to Ca2+ Sparks in Embryonic Mouse Skeletal Muscle. Biophysical Journal, 1999, 77, 1394-1403.	0.5	72
27	Voltage-controlled Ca2+release in normal and ryanodine receptor type 3 (RyR3)-deficient mouse myotubes. Journal of Physiology, 1998, 513, 3-9.	2.9	24
28	Contractile impairment and structural alterations of skeletal muscles from knockout mice lacking type 1 and type 3 ryanodine receptors. FEBS Letters, 1998, 422, 160-164.	2.8	39
29	Structure and mutation analysis of the glycogen storage disease type 1b gene. FEBS Letters, 1998, 436, 247-250.	2.8	50
30	Requirement for the ryanodine receptor type 3for efficient contraction in neonatal skeletal muscles. EMBO Journal, 1997, 16, 6956-6963.	7.8	126
31	Frequency of RET mutations in long- and short-segment Hirschsprung disease. Human Mutation, 1997, 9, 243-249.	2.5	138
32	Exclusion of linkage between RET and neuronal intestinal dysplasia type B. , 1996, 62, 195-198.		23
33	Prevalence and Parental Origin of de novo RET Mutations in Hirschsprung's Disease. European Journal of Human Genetics, 1996, 4, 356-358.	2.8	13
34	Loss of function effect of RET mutations causing Hirschsprung disease. Nature Genetics, 1995, 10, 35-40.	21.4	225
35	Molecular cloning and functional characterization of a GABA/betaine transporter from human kidney. FEBS Letters, 1995, 373, 229-233.	2.8	66
36	Point mutations affecting the tyrosine kinase domain of the RET proto-oncogene in Hirschsprung's disease. Nature, 1994, 367, 377-378.	27.8	722

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37	Heterogeneity and Low Detection Rate of RET Mutations in Hirschsprung Disease. European Journal of Human Genetics, 1994, 2, 272-280.	2.8	60
38	Close linkage with the RET protooncogene and boundaries of deletion mutations in autosomal dominant Hirschsprung disease. Human Molecular Genetics, 1993, 2, 1803-1808.	2.9	88
39	A forskolin and verapamil sensitive K+ current in human tracheal cells. Biochemical and Biophysical Research Communications, 1991, 179, 1155-1160.	2.1	18
40	Characterization of chloride and cation channels in cultured human keratinocytes. Pflugers Archiv European Journal of Physiology, 1991, 418, 18-25.	2.8	36