

Luigi Donato

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

899
citations

331538

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48
all docs

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docs citations

48
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the role of imprinted genes in pediatric sporadic brain arteriovenous malformations. <i>Neural Regeneration Research</i> , 2022, 17, 101.	1.6	1
2	Evidences of PIEZO1 involvement in cerebral cavernous malformation pathogenesis. <i>Microvascular Research</i> , 2022, 141, 104342.	1.1	2
3	Editome landscape of CCM-derived endothelial cells. <i>RNA Biology</i> , 2022, 19, 852-865.	1.5	6
4	Antiretroviral treatment leading to secondary trimethylaminuria: Genetic associations and successful management with riboflavin. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2021, 46, 304-309.	0.7	6
5	Gut-Brain Axis Cross-Talk and Limbic Disorders as Biological Basis of Secondary TMAU. <i>Journal of Personalized Medicine</i> , 2021, 11, 87.	1.1	6
6	Impairments of Photoreceptor Outer Segments Renewal and Phototransduction Due to a Peripherin Rare Haplotype Variant: Insights from Molecular Modeling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3484.	1.8	27
7	93rd National Congress of the Italian Society of Experimental Biology Palermo, Italy, 22-25 April 2021. <i>Journal of Biological Research (Italy)</i> , 2021, 94, .	0.0	0
8	New evaluation methods of read mapping by 17 aligners on simulated and empirical NGS data: an updated comparison of DNA- and RNA-Seq data from Illumina and Ion Torrent technologies. <i>Neural Computing and Applications</i> , 2021, 33, 15669-15692.	3.2	8
9	Oxidative Stress and the Neurovascular Unit. <i>Life</i> , 2021, 11, 767.	1.1	45
10	N-retinylidene-N-retinylethanolamine adduct induces expression of chronic inflammation cytokines in retinal pigment epithelium cells. <i>Experimental Eye Research</i> , 2021, 209, 108641.	1.2	36
11	Absence of mutations at SERPINI1 gene in a cohort of patients with Cerebral Cavernous Malformations. <i>Journal of Biological Research (Italy)</i> , 2021, 94, .	0.0	0
12	New Omics-Derived Perspectives on Retinal Dystrophies: Could Ion Channels-Encoding or Related Genes Act as Modifier of Pathological Phenotype?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 70.	1.8	34
13	Adaptive Modelling of Mutated FMO3 Enzyme Could Unveil Unexplored Scenarios Linking Variant Haplotypes to TMAU Phenotypes. <i>Molecules</i> , 2021, 26, 7045.	1.7	2
14	Transcriptome analysis provides new molecular signatures in sporadic Cerebral Cavernous Malformation endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165956.	1.8	35
15	Expression of Pro-Angiogenic Markers Is Enhanced by Blue Light in Human RPE Cells. <i>Antioxidants</i> , 2020, 9, 1154.	2.2	50
16	Possible A2E Mutagenic Effects on RPE Mitochondrial DNA from Innovative RNA-Seq Bioinformatics Pipeline. <i>Antioxidants</i> , 2020, 9, 1158.	2.2	42
17	Discovery of GLO1 New Related Genes and Pathways by RNA-Seq on A2E-Stressed Retinal Epithelial Cells Could Improve Knowledge on Retinitis Pigmentosa. <i>Antioxidants</i> , 2020, 9, 416.	2.2	28
18	Germline Mutation Enrichment in Pathways Controlling Endothelial Cell Homeostasis in Patients with Brain Arteriovenous Malformation: Implication for Molecular Diagnosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4321.	1.8	14

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19	High-Throughput Sequencing to Detect Novel Likely Gene-Disrupting Variants in Pathogenesis of Sporadic Brain Arteriovenous Malformations. <i>Frontiers in Genetics</i> , 2020, 11, 146.	1.1	32
20	Effects of A2E-Induced Oxidative Stress on Retinal Epithelial Cells: New Insights on Differential Gene Response and Retinal Dystrophies. <i>Antioxidants</i> , 2020, 9, 307.	2.2	46
21	Transcriptome Analyses of lncRNAs in A2E-Stressed Retinal Epithelial Cells Unveil Advanced Links between Metabolic Impairments Related to Oxidative Stress and Retinitis Pigmentosa. <i>Antioxidants</i> , 2020, 9, 318.	2.2	49
22	Aged fingerprints for DNA profile: First report of successful typing. <i>Forensic Science International</i> , 2019, 302, 109905.	1.3	8
23	Vis-À-vis: a focus on genetic features of cerebral cavernous malformations and brain arteriovenous malformations pathogenesis. <i>Neurological Sciences</i> , 2019, 40, 243-251.	0.9	31
24	Novel Insights into RPGR Exon ORF15: Could G-Quadruplex Folding Lead to Challenging Sequencing?. <i>Journal of Ocular Diseases and Therapeutics</i> , 2019, 7, 1-11.	1.0	0
25	miRNA expression profile of retinal pigment epithelial cells under oxidative stress conditions. <i>FEBS Open Bio</i> , 2018, 8, 219-233.	1.0	60
26	Two Novel KRIT1 and CCM2 Mutations in Patients Affected by Cerebral Cavernous Malformations: New Information on CCM2 Penetrance. <i>Frontiers in Neurology</i> , 2018, 9, 953.	1.1	27
27	Stargardt Phenotype Associated With Two ELOVL4 Promoter Variants and ELOVL4 Downregulation: New Possible Perspective to Etiopathogenesis?. , 2018, 59, 843.		42
28	GLO1 gene polymorphisms and their association with retinitis pigmentosa: a case-control study in a Sicilian population. <i>Molecular Biology Reports</i> , 2018, 45, 1349-1355.	1.0	29
29	Bioinformatic Analysis of a Functional Cluster Probably Related to Retinitis Pigmentosa. <i>Open Bioinformatics Journal</i> , 2018, 11, 89-105.	1.0	0
30	Possible protective role of the ABCA4 gene c.1268A>G missense variant in Stargardt disease and syndromic retinitis pigmentosa in a Sicilian family: Preliminary data. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1011-1020.	1.8	27
31	Nine differentially expressed genes from a post mortem study and their association with suicidal status in a sample of suicide completers, attempters and controls. <i>Journal of Psychiatric Research</i> , 2017, 91, 98-104.	1.5	6
32	Update on Novel CCM Gene Mutations in Patients with Cerebral Cavernous Malformations. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 189-198.	1.1	28
33	Relevance of CCM gene polymorphisms for clinical management of sporadic cerebral cavernous malformations. <i>Journal of the Neurological Sciences</i> , 2017, 380, 31-37.	0.3	26
34	A novel RLBP1 gene geographical area-related mutation present in a young patient with retinitis punctata albescens. <i>Human Genomics</i> , 2017, 11, 18.	1.4	28
35	First case of Currarino syndrome and trimethylaminuria: two rare diseases for a complex clinical presentation. <i>Journal of Digestive Diseases</i> , 2016, 17, 628-632.	0.7	2
36	CCM3/SERPINI1 bidirectional promoter variants in patients with cerebral cavernous malformations: a molecular and functional study. <i>BMC Medical Genetics</i> , 2016, 17, 74.	2.1	28

#	ARTICLE	IF	CITATIONS
37	Role of neurodevelopment involved genes in psychiatric comorbidities and modulation of inflammatory processes in Alzheimer's disease. Journal of the Neurological Sciences, 2016, 370, 162-166.	0.3	12
38	Detection of Novel Mutation in Ccm3 Causes Familial Cerebral Cavernous Malformations. Journal of Molecular Neuroscience, 2015, 57, 400-403.	1.1	24
39	The combination of new missense mutation with [A(TA)7TAA] dinucleotide repeat in UGT1A1 gene promoter causes Gilbert's syndrome. Annals of Clinical and Laboratory Science, 2015, 45, 202-5.	0.2	7