Dario Finazzi

List of Publications by Year
in descending order

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46 papers	2,908 citations	304743 22 h-index	233421 45 g-index
46 all docs	46 docs citations	46 times ranked	3677 citing authors

#	Article	IF	Citations
1	Brefeldin A inhibits Golgi membrane-catalysed exchange of guanine nucleotide onto ARF protein. Nature, 1992, 360, 350-352.	27.8	734
2	Overexpression of wild-type and mutant ARF1 and ARF6: distinct perturbations of nonoverlapping membrane compartments.. Journal of Cell Biology, 1995, 128, 1003-1017.	5.2	355
3	Zebrafish Larvae as a Behavioral Model in Neuropharmacology. Biomedicines, 2019, 7, 23.	3.2	207
4	Neurodegeneration with brain iron accumulation: update on pathogenic mechanisms. Frontiers in Pharmacology, 2014, 5, 99.	3.5	141
5	Biology of ferritin in mammals: an update on iron storage, oxidative damage and neurodegeneration. Archives of Toxicology, 2014, 88, 1787-1802.	4.2	135
6	Heparin: a potent inhibitor of hepcidin expression in vitro and in vivo. Blood, 2011, 117, 997-1004.	1.4	127
7	Ferritin as an important player in neurodegeneration. Parkinsonism and Related Disorders, 2011, 17, 423-430.	2.2	112
8	Arginase pathway in human endothelial cells in pathophysiological conditions. Journal of Molecular and Cellular Cardiology, 2004, 37, 515-523.	1.9	92
9	Transferrin receptor 2 and HFE regulate furin expression via mitogen-activated protein kinase/extracellular signal-regulated kinase (MAPK/Erk) signaling. Implications for transferrin-dependent hepcidin regulation. Haematologica, 2010, 95, 1832-1840.	3.5	73
10	Presenilin 1 Protein Directly Interacts with Bcl-2. Journal of Biological Chemistry, 1999, 274, 30764-30769.	3.4	67
11	Levels of ??-secretase BACE and ??-secretase ADAM10 mRNAs in Alzheimer hippocampus. NeuroReport, 2002, 13, 2031-2033.	1.2	63
12	Glycol-split nonanticoagulant heparins are inhibitors of hepcidin expression in vitro and in vivo. Blood, 2014, 123, 1564-1573.	1.4	62
13	Aluminum fluoride acts on the reversibility of ARF1-dependent coat protein binding to Golgi membranes.. Journal of Biological Chemistry, 1994, 269, 13325-13330.	3.4	58
14	Knock-down of pantothenate kinase 2 severely affects the development of the nervous and vascular system in zebrafish, providing new insights into PKAN disease. Neurobiology of Disease, 2016, 85, 35-48.	4.4	55
15	Aluminum fluoride acts on the reversibility of ARF1-dependent coat protein binding to Golgi membranes. Journal of Biological Chemistry, 1994, 269, 13325-30.	3.4	54
16	Mutant Ferritin L-chains That Cause Neurodegeneration Act in a Dominant-negative Manner to Reduce Ferritin Iron Incorporation. Journal of Biological Chemistry, 2010, 285, 11948-11957.	3.4	48
17	Mice lacking mitochondrial ferritin are more sensitive to doxorubicin-mediated cardiotoxicity. Journal of Molecular Medicine, 2014, 92, 859-869.	3.9	44
18	Pantothenate kinase-2 (Pank2) silencing causes cell growth reduction, cell-specific ferroportin upregulation and iron deregulation. Neurobiology of Disease, 2010, 39, 204-210.	4.4	42

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19	Down-regulation of coasy, the gene associated with NBIA-VI, reduces Bmp signaling, perturbs dorso-ventral patterning and alters neuronal development in zebrafish. Scientific Reports, 2016, 6, 37660.	3.3	42
20	Inhibition of heme synthesis alters Amyloid Precursor Protein processing. Journal of Neural Transmission, 2009, 116, 79-88.	2.8	35
21	A novel neuroferritinopathy mouse model (FTL 498InsTC) shows progressive brain iron dysregulation, morphological signs of early neurodegeneration and motor coordination deficits. Neurobiology of Disease, 2015, 81, 119-133.	4.4	35
22	A novel polymorphism in SEL1L confers susceptibility to Alzheimer's disease. Neuroscience Letters, 2006, 398, 53-58.	2.1	24
23	HFE gene mutations in a population of Italian Parkinson's disease patients. Parkinsonism and Related Disorders, 2008, 14, 426-430.	2.2	24
24	Comparison of Î²2-microglobulin serum level between Alzheimerâ€™s patients, cognitive healthy and mild cognitive impaired individuals. Biomarkers, 2018, 23, 603-608.	1.9	20
25	Disease modeling by efficient genome editing using a near PAM-less base editor in vivo. Nature Communications, 2022, 13, .	12.8	20
26	The Ferritin-Heavy-Polypeptide-Like-17 (FTHL17) gene encodes a ferritin with low stability and no ferroxidase activity and with a partial nuclear localization. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1267-1273.	2.4	19
27	Zebrafish disease models in hematology: Highlights on biological and translational impact. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 620-633.	3.8	18
28	Candidate gene analysis of IP-10 gene in patients with Alzheimer's disease. Neuroscience Letters, 2006, 404, 217-221.	2.1	17
29	Association analysis between anterior-pharynx defective-1 genes polymorphisms and Alzheimer's disease. Neuroscience Letters, 2003, 350, 77-80.	2.1	16
30	Analysis of the genes coding for subunit 10 and 15 of cytochrome c oxidase in Alzheimerâ€™s disease. Journal of Neural Transmission, 2009, 116, 1635-1641.	2.8	16
31	Caffeine Inhibits Direct and Indirect Angiogenesis in Zebrafish Embryos. International Journal of Molecular Sciences, 2021, 22, 4856.	4.1	15
32	DNA sequence variations in the prolyl isomerase Pin1 gene and Alzheimer's disease. Neuroscience Letters, 2005, 389, 66-70.	2.1	14
33	Polymorphisms in the LOC387715/ARMS2 Putative Gene and the Risk for Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders, 2008, 26, 169-174.	1.5	14
34	Methylxanthines induce structural and functional alterations of the cardiac system in zebrafish embryos. BMC Pharmacology & Toxicology, 2017, 18, 72.	2.4	14
35	Coenzyme a Biochemistry: From Neurodevelopment to Neurodegeneration. Brain Sciences, 2021, 11, 1031.	2.3	14
36	Apolipoprotein E haplotyping by denaturing high-performance liquid chromatography. Clinical Chemistry and Laboratory Medicine, 2005, 43, 512-8.	2.3	12

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37	Overexpression of Human Mutant PANK2 Proteins Affects Development and Motor Behavior of Zebrafish Embryos. NeuroMolecular Medicine, 2019, 21, 120-131.	3.4	12
38	The Downregulation of c19orf12 Negatively Affects Neuronal and Musculature Development in Zebrafish Embryos. Frontiers in Cell and Developmental Biology, 2020, 8, 596069.	3.7	11
39	Inhibition of energy metabolism down-regulates the Alzheimer related presenilin 2 gene. Journal of Neural Transmission, 2003, 110, 1029-1039.	2.8	10
40	Silencing of pantothenate kinase 2 reduces endothelial cell angiogenesis. Molecular Medicine Reports, 2018, 18, 4739-4746.	2.4	10
41	Sequence Variations in Mitochondrial Ferritin: Distribution in Healthy Controls and Different Types of Patients. Genetic Testing and Molecular Biomarkers, 2010, 14, 793-796.	0.7	9
42	Interaction between the APOE É›4 allele and the APH-1b c+651T>G SNP in Alzheimer's disease. Neurobiology of Aging, 2008, 29, 1494-1501.	3.1	7
43	Analysis of Nucleotide Variations in Genes of Iron Management in Patients of Parkinson's Disease and Other Movement Disorders. Parkinson's Disease, 2011, 2011, 1-6.	1.1	4
44	Development of BCR-ABL1 Transgenic Zebrafish Model Reproducing Chronic Myeloid Leukemia (CML) Like-Disease and Providing a New Insight into CML Mechanisms. Cells, 2021, 10, 445.	4.1	4
45	Abnormal Vasculature Development in Zebrafish Embryos with Reduced Expression of Pantothenate Kinase 2 Gene. Bulletin of Experimental Biology and Medicine, 2020, 170, 58-63.	0.8	3
46	Lack of Association between the GPR3 Gene and the Risk for Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-3.	2.0	0