

Stefania Filosa

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,156
citations

257101

24
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253896

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docs citations

45
times ranked

3146
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Glutathione Levels and Oxidoresistance Mediated by Increased Glucose-6-phosphate Dehydrogenase Expression. <i>Journal of Biological Chemistry</i> , 1999, 274, 2750-2757.	1.6	289
2	Failure to increase glucose consumption through the pentose-phosphate pathway results in the death of glucose-6-phosphate dehydrogenase gene-deleted mouse embryonic stem cells subjected to oxidative stress. <i>Biochemical Journal</i> , 2003, 370, 935-943.	1.7	159
3	Polyphenols-gut microbiota interplay and brain neuromodulation. <i>Neural Regeneration Research</i> , 2018, 13, 2055.	1.6	142
4	Otx dose-dependent integrated control of antero-posterior and dorso-ventral patterning of midbrain. <i>Nature Neuroscience</i> , 2003, 6, 453-460.	7.1	129
5	Glucose-6-phosphate dehydrogenase plays a crucial role in protection from redox-stress-induced apoptosis. <i>Cell Death and Differentiation</i> , 2004, 11, 823-831.	5.0	127
6	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. <i>Neurobiology of Disease</i> , 2014, 68, 66-77.	2.1	118
7	F2-dihomo-isoprostanes as potential early biomarkers of lipid oxidative damage in Rett syndrome. <i>Journal of Lipid Research</i> , 2011, 52, 2287-2297.	2.0	93
8	Partial rescue of Rett syndrome by γ -3 polyunsaturated fatty acids (PUFAs) oil. <i>Genes and Nutrition</i> , 2012, 7, 447-458.	1.2	76
9	F4-neuroprostanes mediate neurological severity in Rett syndrome. <i>Clinica Chimica Acta</i> , 2011, 412, 1399-1406.	0.5	68
10	Control of embryonic stem cell metastability by l-proline catabolism. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 108-122.	1.5	66
11	Increased levels of 4HNE-protein plasma adducts in Rett syndrome. <i>Clinical Biochemistry</i> , 2011, 44, 368-371.	0.8	63
12	Bioactive Polyphenols and Neuromodulation: Molecular Mechanisms in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2564.	1.8	63
13	Impairment of blood-brain barrier is an early event in R6/2 mouse model of Huntington Disease. <i>Scientific Reports</i> , 2017, 7, 41316.	1.6	62
14	Glucose-6-Phosphate Dehydrogenase Deficiency: Disadvantages and Possible Benefits. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2013, 13, 73-82.	0.2	58
15	Exploring the possible link between MeCP2 and oxidative stress in Rett syndrome. <i>Free Radical Biology and Medicine</i> , 2015, 88, 81-90.	1.3	53
16	G6PD Haplotypes Spanning Xq28 from F8C to Red/Green Color Vision. <i>Genomics</i> , 1993, 17, 6-14.	1.3	50
17	High-Throughput Screening-Compatible Single-Step Protocol to Differentiate Embryonic Stem Cells in Neurons. <i>Stem Cells and Development</i> , 2008, 17, 573-584.	1.1	50
18	A Regulatory Path Associated with X-Linked Intellectual Disability and Epilepsy Links KDM5C to the Polyalanine Expansions in ARX. <i>American Journal of Human Genetics</i> , 2013, 92, 114-125.	2.6	39

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19	Structural and functional analysis of metal regulatory elements in the promoter region of genes encoding metallothionein isoforms in the Antarctic fish <i>Chionodraco hamatus</i> (icefish). <i>Gene</i> , 2001, 274, 199-208.	1.0	38
20	Subclinical myocardial dysfunction in Rett syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 339-345.	0.5	37
21	G6PD is indispensable for erythropoiesis after the embryonic-adult hemoglobin switch. <i>Blood</i> , 2004, 104, 3148-3152.	0.6	33
22	2-deoxy-d-ribose induces apoptosis by inhibiting the synthesis and increasing the efflux of glutathione. <i>Free Radical Biology and Medicine</i> , 2008, 45, 211-217.	1.3	33
23	Modulation of the Pentose Phosphate Pathway Induces Endodermal Differentiation in Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e29321.	1.1	33
24	Apoptosis-resistant phenotype in HL-60-derived cells HCW-2 is related to changes in expression of stress-induced proteins that impact on redox status and mitochondrial metabolism. <i>Cell Death and Differentiation</i> , 2003, 10, 163-174.	5.0	26
25	New Therapeutic Drugs from Bioactive Natural Molecules: The Role of Gut Microbiota Metabolism in Neurodegenerative Diseases. <i>Current Drug Metabolism</i> , 2018, 19, 478-489.	0.7	26
26	Anti-cancer activity of grape seed semi-polar extracts in human mesothelioma cell lines. <i>Journal of Functional Foods</i> , 2019, 61, 103515.	1.6	25
27	Ginkgo biloba Prevents Oxidative Stress-Induced Apoptosis Blocking p53 Activation in Neuroblastoma Cells. <i>Antioxidants</i> , 2020, 9, 279.	2.2	25
28	MeCP2 as a genome-wide modulator: the renewal of an old story. <i>Frontiers in Genetics</i> , 2012, 3, 181.	1.1	20
29	Glutamine Utilization by <i>Rhizobium etli</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 720-728.	1.4	19
30	Curcumin C3 complex®/Bioperine® has antineoplastic activity in mesothelioma: an in vitro and in vivo analysis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 360.	3.5	19
31	Positive Effects against UV-A Induced Damage and Oxidative Stress on an <i>In Vitro</i> Cell Model Using a Hyaluronic Acid Based Formulation Containing Amino Acids, Vitamins, and Minerals. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	18
32	Histone demethylase KDM5C is a SAHA-sensitive central hub at the crossroads of transcriptional axes involved in multiple neurodevelopmental disorders. <i>Human Molecular Genetics</i> , 2019, 28, 4089-4102.	1.4	18
33	An Automated High Throughput Screening-Compatible Assay to Identify Regulators of Stem Cell Neural Differentiation. <i>Molecular Biotechnology</i> , 2012, 50, 171-180.	1.3	14
34	Discussion on Pharmacogenetic Interaction in G6PD Deficiency and Methods to Identify Potential Hemolytic Drugs. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2010, 10, 143-150.	0.2	12
35	Reply to "Role of glucose-6-phosphate dehydrogenase for oxidative stress and apoptosis". <i>Cell Death and Differentiation</i> , 2006, 13, 529-530.	5.0	9
36	Olive compounds attenuate oxidative damage induced in HEK-293 cells via MAPK signaling pathway. <i>Journal of Functional Foods</i> , 2017, 39, 18-27.	1.6	8

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37	Abnormal N-glycosylation pattern for brain nucleotide pyrophosphatase-5 (NPP-5) in Mecp2-mutant murine models of Rett syndrome. <i>Neuroscience Research</i> , 2016, 105, 28-34.	1.0	7
38	Design and Synthesis of Hybrid PEGylated Metal Monopicolinate Cyclam Ligands for Biomedical Applications. <i>ACS Omega</i> , 2019, 4, 2500-2509.	1.6	7
39	Novel perspectives for neurodegeneration prevention: effects of bioactive polyphenols. <i>Neural Regeneration Research</i> , 2021, 16, 1411.	1.6	6
40	DNA Haplotypes in the G6PD Gene Cluster Studied in the Chinese Li Population and their Relationship to G69PDCanton. <i>Human Heredity</i> , 1994, 44, 279-286.	0.4	5
41	HTS/HCS to Screen Molecules Able to Maintain Embryonic Stem Cell Self-Renewal or to Induce Differentiation: Overview of Protocols. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 802-819.	5.6	5
42	Cardiomyocyte Differentiation of Embryonic Stem Cells on the Surface of Organic Semiconductors. <i>International Journal of Artificial Organs</i> , 2013, 36, 426-433.	0.7	4
43	L9â€¦Curcumin: a natural compound to counteract the pathology of huntingtonâ€™s disease?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A93.1-A93.	0.9	4
44	Brain SRB1 modulation as a possible player in Rett syndrome pathogenesis. <i>Free Radical Biology and Medicine</i> , 2016, 96, S35-S36.	1.3	0
45	l17â€¦Curcumin-supplemented diet preserves body weight and ameliorates intestinal functionality in R6/2 mice., 2018, , .		0