

Emanuela Polidori

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

675
citations

15
h-index

25
g-index

37
ext. papers

766
ext. citations

3.7
avg, IF

2.98
L-index

#	Paper	IF	Citations
37	Exercise as a new physiological stimulus for brown adipose tissue activity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 582-90	4.5	123
36	Differential effect of creatine on oxidatively-injured mitochondrial and nuclear DNA. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008 , 1780, 16-26	4	52
35	The pleiotropic effect of physical exercise on mitochondrial dynamics in aging skeletal muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 917085	6.7	51
34	Hexose uptake in the plant symbiotic ascomycete <i>Tuber borchii</i> Vittadini: biochemical features and expression pattern of the transporter TBHXT1. <i>Fungal Genetics and Biology</i> , 2007 , 44, 187-98	3.9	48
33	Morphofunctional and Biochemical Approaches for Studying Mitochondrial Changes during Myoblasts Differentiation. <i>Journal of Aging Research</i> , 2011 , 2011, 845379	2.3	43
32	Genomic profiling of carbohydrate metabolism in the ectomycorrhizal fungus <i>Tuber melanosporum</i> . <i>New Phytologist</i> , 2011 , 189, 751-764	9.8	39
31	A new pair of primers designed for amplification of the ITS region in <i>Tuber</i> species. <i>FEMS Microbiology Letters</i> , 1999 , 173, 239-45	2.9	32
30	Biochemical and molecular characterization of NADP-glutamate dehydrogenase from the ectomycorrhizal fungus <i>Tuber borchii</i> . <i>New Phytologist</i> , 2002 , 154, 779-790	9.8	28
29	The <i>tbf-1</i> gene from the white truffle <i>Tuber borchii</i> codes for a structural cell wall protein specifically expressed in fruitbody. <i>Fungal Genetics and Biology</i> , 1998 , 25, 87-99	3.9	27
28	New insights into the trophic and cytoprotective effects of creatine in in vitro and in vivo models of cell maturation. <i>Amino Acids</i> , 2016 , 48, 1897-911	3.5	19
27	Identification and characterization of the <i>Tuber borchii</i> D-mannitol dehydrogenase which defines a new subfamily within the polyol-specific medium chain dehydrogenases. <i>Fungal Genetics and Biology</i> , 2007 , 44, 965-78	3.9	18
26	Gene expression profile in cultured human umbilical vein endothelial cells exposed to a 300 mT static magnetic field. <i>Bioelectromagnetics</i> , 2012 , 33, 65-74	1.6	16
25	The Combination of Physical Exercise with Muscle-Directed Antioxidants to Counteract Sarcopenia: A Biomedical Rationale for Pleiotropic Treatment with Creatine and Coenzyme Q10. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 7083049	6.7	15
24	Effect of 300 mT static and 50 Hz 0.1 mT extremely low frequency magnetic fields on <i>Tuber borchii</i> mycelium. <i>Canadian Journal of Microbiology</i> , 2012 , 58, 1174-82	3.2	15
23	Effects of a 300 mT static magnetic field on human umbilical vein endothelial cells. <i>Bioelectromagnetics</i> , 2010 , 31, 630-9	1.6	15
22	Mutational analysis of mitochondrial DNA in Brugada syndrome. <i>Cardiovascular Pathology</i> , 2016 , 25, 47-54	3.8	13
21	Effect of surgical stress on nuclear and mitochondrial DNA from healthy sections of colon and rectum of patients with colorectal cancer. <i>Journal of Biosciences</i> , 2011 , 36, 243-51	2.3	12

20	Maternal creatine supplementation affects the morpho-functional development of hippocampal neurons in rat offspring. <i>Neuroscience</i> , 2016 , 312, 120-9	3.9	11
19	Morphological and molecular modifications induced by different carbohydrate sources in <i>Tuber borchii</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2010 , 18, 120-8	0.9	8
18	Molecular and functional characterization of a Rho GDP dissociation inhibitor in the filamentous fungus <i>Tuber borchii</i> . <i>BMC Microbiology</i> , 2008 , 8, 57	4.5	8
17	Identification, purification and gene cloning of a protein from <i>Tuber dryophilum</i> fruitbodies homologous to TBF-1 protein. <i>Mycological Research</i> , 2000 , 104, 533-536		8
16	Molecular characterisation of the small GTPase CDC42 in the ectomycorrhizal fungus <i>Tuber borchii</i> Vittad. <i>Protoplasma</i> , 2007 , 231, 227-37	3.4	7
15	Enolase from the ectomycorrhizal fungus <i>Tuber borchii</i> Vittad.: biochemical characterization, molecular cloning, and localization. <i>Fungal Genetics and Biology</i> , 2004 , 41, 157-67	3.9	7
14	Analysis of gene expression in the vegetative and fructification phases of the white truffle, <i>Tuber borchii</i> Vittad., by mRNA differential display. <i>Biotechnology Letters</i> , 2000 , 22, 307-312	3	7
13	Cloning, expression, and characterization of the <i>hvk-1</i> Gene from the white truffle <i>Tuber borchii</i> vittad.: A first step toward understanding sugar metabolism. <i>Fungal Genetics and Biology</i> , 2001 , 33, 15-23	3.9	7
12	Signal Exchange through Extracellular Vesicles in Neuromuscular Junction Establishment and Maintenance: From Physiology to Pathology. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
11	Sugar transporters in the black truffle <i>Tuber melanosporum</i> : from gene prediction to functional characterization. <i>Fungal Genetics and Biology</i> , 2015 , 81, 52-61	3.9	6
10	Characterization and mRNA expression profile of the <i>TbNre1</i> gene of the ectomycorrhizal fungus <i>Tuber borchii</i> . <i>Current Genetics</i> , 2009 , 55, 59-68	2.9	6
9	Solid-phase microextraction gas chromatography/ion trap mass spectrometry and multistage mass spectrometry experiments in the characterization of germacrene D. <i>Journal of Mass Spectrometry</i> , 2002 , 37, 1229-35	2.2	6
8	A high concentration of glucose inhibits <i>Tuber borchii</i> mycelium growth: a biochemical investigation. <i>Mycological Research</i> , 2003 , 107, 72-6		6
7	Expression and purification of a <i>Tuber borchii</i> fruitbody-specific protein, TBF-1, from <i>Escherichia coli</i> : generation of polyclonal antibodies. <i>Preparative Biochemistry and Biotechnology</i> , 2005 , 35, 145-53	2.4	5
6	Cloning and characterisation of a polyubiquitin gene from the ectomycorrhizal fungus <i>Tuber borchii</i> vittad. <i>Current Genetics</i> , 2001 , 40, 49-53	2.9	5
5	A high number of natural mitochondrial DNA polymorphisms in a symptomatic Brugada syndrome type 1 patient. <i>Journal of Genetics</i> , 2020 , 99, 1	1.2	3
4	Molecular characterisation of a <i>Tuber borchii</i> <i>Smt3</i> gene. <i>Plant Physiology and Biochemistry</i> , 2006 , 44, 506-10	5.4	1
3	A putative mitochondrial fission gene from the ectomycorrhizal ascomycete <i>Tuber borchii</i> Vittad.: cloning, characterisation and phylogeny. <i>Current Genetics</i> , 2003 , 44, 148-54	2.9	1

- 2 The overexpressed hexahistidine-tagged human hexokinase type III is inhibited by D-glucose.
Preparative Biochemistry and Biotechnology, **2002**, 32, 393-403 2.4 1
- 1 The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle
2016, 147-182