

Emanuela Polidori

List of Publications by Year in descending order

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37
papers

829
citations

566801

15
h-index

500791

28
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37
all docs

37
docs citations

37
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise as a new physiological stimulus for brown adipose tissue activity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 582-590.	1.1	167
2	Differential effect of creatine on oxidatively-injured mitochondrial and nuclear DNA. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 16-26.	1.1	65
3	The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-15.	1.9	63
4	Morphofunctional and Biochemical Approaches for Studying Mitochondrial Changes during Myoblasts Differentiation. <i>Journal of Aging Research</i> , 2011, 2011, 1-16.	0.4	54
5	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, 187-198.	0.9	51
6	Genomic profiling of carbohydrate metabolism in the ectomycorrhizal fungus <i>Tuber melanosporum</i> . <i>New Phytologist</i> , 2011, 189, 751-764.	3.5	51
7	A new pair of primers designed for amplification of the ITS region in <i>Tuber</i> species. <i>FEMS Microbiology Letters</i> , 1999, 173, 239-245.	0.7	36
8	Biochemical and molecular characterization of NADP ⁺ glutamate dehydrogenase from the ectomycorrhizal fungus <i>Tuber borchii</i> . <i>New Phytologist</i> , 2002, 154, 779-790.	3.5	31
9	The <i>thb1</i> Gene from the White Truffle <i>Tuber borchii</i> Codes for a Structural Cell Wall Protein Specifically Expressed in Fruitbody 1. <i>Fungal Genetics and Biology</i> , 1998, 25, 87-99.	0.9	28
10	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, 1897-1911.	1.2	24
11	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, 1-19.	1.9	22
12	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, 965-978.	0.9	20
13	Effects of a 300 μ mT static magnetic field on human umbilical vein endothelial cells. <i>Bioelectromagnetics</i> , 2010, 31, 630-639.	0.9	18
14	Effect of 300 mT static and 50 \hat{A} Hz 0.1 mT extremely low frequency magnetic fields on <i>Tuber borchii</i> mycelium. <i>Canadian Journal of Microbiology</i> , 2012, 58, 1174-1182.	0.8	18
15	Maternal creatine supplementation affects the morpho-functional development of hippocampal neurons in rat offspring. <i>Neuroscience</i> , 2016, 312, 120-129.	1.1	18
16	Gene expression profile in cultured human umbilical vein endothelial cells exposed to a 300 μ mT static magnetic field. <i>Bioelectromagnetics</i> , 2012, 33, 65-74.	0.9	16
17	Signal Exchange through Extracellular Vesicles in Neuromuscular Junction Establishment and Maintenance: From Physiology to Pathology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2804.	1.8	15
18	Mutational analysis of mitochondrial DNA in Brugada syndrome. <i>Cardiovascular Pathology</i> , 2016, 25, 47-54.	0.7	13

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19	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, 243-251.	0.5	12
20	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.	1.3	10
21	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.	0.9	9
22	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, 1229-1235.	0.7	9
23	Molecular characterisation of the small GTPase CDC42 in the ectomycorrhizal fungus <i>Tuber borchii</i> Vittad.. <i>Protoplasma</i> , 2007, 231, 227-237.	1.0	9
24	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.	2.5	8
25	Title is missing!. <i>Biotechnology Letters</i> , 2000, 22, 307-312.	1.1	8
26	Morphological and Molecular Modifications Induced by Different Carbohydrate Sources in <i>Tuber borchii</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2010, 18, 120-128.	1.0	8
27	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.	0.9	8
28	A high concentration of glucose inhibits <i>Tuber borchii</i> mycelium growth: a biochemical investigation. <i>Mycological Research</i> , 2003, 107, 72-76.	2.5	7
29	Enolase from the ectomycorrhizal fungus <i>Tuber borchii</i> Vittad.: biochemical characterization, molecular cloning, and localization. <i>Fungal Genetics and Biology</i> , 2004, 41, 157-167.	0.9	7
30	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.	0.8	7
31	Cloning and characterisation of a polyubiquitin gene from the ectomycorrhizal fungus <i>Tuber borchii</i> Vittad. <i>Current Genetics</i> , 2001, 40, 49-53.	0.8	5
32	Expression and Purification of a <i>Tuber borchii</i> Fruitbody-Specific Protein, TBF1, from <i>Escherichia coli</i> : Generation of Polyclonal Antibodies. <i>Preparative Biochemistry and Biotechnology</i> , 2005, 35, 145-153.	1.0	5
33	A high number of "natural" mitochondrial DNA polymorphisms in a symptomatic Brugada syndrome type 1 patient. <i>Journal of Genetics</i> , 2020, 99, 1.	0.4	3
34	THE OVEREXPRESSED HEXAHISTIDINE-TAGGED HUMAN HEXOKINASE TYPE III IS INHIBITED BY D-GLUCOSE. <i>Preparative Biochemistry and Biotechnology</i> , 2002, 32, 393-403.	1.0	2
35	A putative mitochondrial fission gene from the ectomycorrhizal ascomycete <i>Tuber borchii</i> Vittad.: cloning, characterisation and phylogeny. <i>Current Genetics</i> , 2003, 44, 148-154.	0.8	1
36	Molecular characterisation of <i>Tuber borchii</i> <i>Smt3</i> gene. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 506-510.	2.8	1

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37	The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle. , 2016, , 147-182.		0