Domenico Potenza

List of Publications by Year
in descending order

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49	1,150	394286	395590
papers	citations	19	33
		h-index	g-index

49	49	49	1539
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of a static magnetic field on cell growth and gene expression in Escherichia coli. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 561, 53-62.	0.9	102
2	New evidence for nitrogen fixation within the Italian white truffle Tuber magnatum. Fungal Biology, 2010, 114, 936-942.	1.1	95
3	Inhibition of AMPK signalling by doxorubicin: at the crossroads of the cardiac responses to energetic, oxidative, and genotoxic stress. Cardiovascular Research, 2012, 95, 290-299.	1.8	95
4	Phylogenetic Characterization and In Situ Detection of a Cytophaga-Flexibacter-Bacteroides Phylogroup Bacterium in Tuber borchii Vittad. Ectomycorrhizal Mycelium. Applied and Environmental Microbiology, 2000, 66, 5035-5042.	1.4	83
5	Differential effect of creatine on oxidatively-injured mitochondrial and nuclear DNA. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 16-26.	1.1	65
6	The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-15.	1.9	63
7	Effects of high static magnetic field exposure on different DNAs. Bioelectromagnetics, 2004, 25, 352-355.	0.9	48
8	Simultaneous high-performance capillary electrophoretic determination of reduced and oxidized glutathione in red blood cells in the femtomole range. Journal of Chromatography A, 1994, 676, 239-246.	1.8	42
9	Rhodiola rosea ability to enrich cellular antioxidant defences of cultured human keratinocytes. Archives of Dermatological Research, 2010, 302, 191-200.	1.1	38
10	Identification of putative genes involved in the development of Tuber borchii fruit body by mRNA differential display in agarose gel. Current Genetics, 2002, 42, 161-168.	0.8	37
11	A new pair of primers designed for amplification of the ITS region inTuberspecies. FEMS Microbiology Letters, 1999, 173, 239-245.	0.7	36
12	Effect of extremely lowâ€frequency electromagnetic fields on antioxidant activity in the human keratinocyte cell line NCTC 2544. Biotechnology and Applied Biochemistry, 2017, 64, 415-422.	1.4	33
13	Multiplex PCR for the identification of whiteTuberspecies. FEMS Microbiology Letters, 2000, 189, 265-269.	0.7	32
14	Identification of ectomycorrhizae from Tuber species by rflp analysis of the its region. Biotechnology Letters, 1996, 18, 821-826.	1.1	31
15	Thetbf-1Gene from the White TruffleTuber borchiiCodes for a Structural Cell Wall Protein Specifically Expressed in Fruitbody1. Fungal Genetics and Biology, 1998, 25, 87-99.	0.9	28
16	Fine needle aspiration coupled with real-time PCR: A painless methodology to study adaptive functional changes in skeletal muscle. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 383-393.	1.1	27
17	Identification of Tuber magnatum Pico DNA markers by RAPD analysis. Biotechnology Letters, 1994, 8, 93-98.	0.5	26
18	Restriction fragment length polymorphism species-specific patterns in the identification of white truffles. FEMS Microbiology Letters, 1998, 164, 397-401.	0.7	23

#	Article	IF	Citations
19	Title is missing!. Biotechnology Letters, 1997, 11, 149-154.	0.5	20
20	Molecular approaches for the detection of truffle species in processed food products. Journal of the Science of Food and Agriculture, 2002, 82, 1391-1397.	1.7	18
21	Effects of a 300â€‰mT static magnetic field on human umbilical vein endothelial cells. Bioelectromagnetics, 2010, 31, 630-639.	0.9	18
22	Effect of 300 mT static and 50ÂHz 0.1 mT extremely low frequency magnetic fields onTuber borchiimycelium. Canadian Journal of Microbiology, 2012, 58, 1174-1182.	0.8	18
23	Gene expression profile in cultured human umbilical vein endothelial cells exposed to a 300â€‰mT static magnetic field. Bioelectromagnetics, 2012, 33, 65-74.	0.9	16
24	A combination of sugar esters and chitosan to promote in vivo wound care. International Journal of Pharmaceutics, 2022, 616, 121508.	2.6	15
25	Effect of quercetin on oxidative nuclear and mitochondrial DNA damage. BioFactors, 2008, 33, 33-48.	2.6	14
26	Mutational analysis of mitochondrial DNA in Brugada syndrome. Cardiovascular Pathology, 2016, 25, 47-54.	0.7	13
27	Tilia platyphyllos Scop.â€“Tuber brumale Vittad. vs. T. platyphyllos Scop.â€“T. borchii Vittad. ectomycorrhizal systems: a comparison of structural and functional traits. Plant Physiology and Biochemistry, 2005, 43, 709-716.	2.8	12
28	Effect of surgical stress on nuclear and mitochondrial DNA from healthy sections of colon and rectum of patients with colorectal cancer. Journal of Biosciences, 2011, 36, 243-251.	0.5	12
29	Estimation of fungal biomass and transcript levels inTilia platyphyllos-Tuber borchiiectomycorrhizae. FEMS Microbiology Letters, 2000, 188, 119-124.	0.7	11
30	Strain differences in the mycelium of the ectomycorrhizal Tuber borchii. Mycological Research, 1999, 103, 1524-1528.	2.5	9
31	Title is missing!. Biotechnology Letters, 2000, 22, 307-312.	1.1	8
32	Morphological and Molecular Modifications Induced by Different Carbohydrate Sources in <i>Tuber borchii</i>. Journal of Molecular Microbiology and Biotechnology, 2010, 18, 120-128.	1.0	8
33	PCR amplification and polymorphism analysis of the intergenic spacer region of ribosomal DNA in Tuber borchii. Microbiological Research, 2002, 157, 69-74.	2.5	6
34	Effects of Reactive Oxygen Species on Mitochondrial Content and Integrity of Human Anastomotic Colorectal Dehiscence: A Preliminary DNA Study. Canadian Journal of Gastroenterology & Hepatology, 2011, 25, 433-439.	1.8	6
35	Cloning and characterisation of a polyubiquitin gene from the ectomycorrhizal fungus Tuber borchii Vittad. Current Genetics, 2001, 40, 49-53.	0.8	5
36	Aqueous Extract from Vitis vinifera Tendrils is Able to Enrich Keratinocyte Antioxidant Defences. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	5

#	Article	IF	Citations
37	The effects of Acyclovir administration to NCI-H1975 non-small cell lung cancer cells. Toxicology in Vitro, 2022, 79, 105301.	1.1	5
38	Title is missing!. Biotechnology Letters, 2001, 23, 17-20.	1.1	4
39	Multiplex PCR for the identification of white Tuber species. FEMS Microbiology Letters, 2000, 189, 265-269.	0.7	4
40	Synthesis and Biological Characterization of the New Glycolipid Lactose Undecylenate (URB1418). Pharmaceuticals, 2022, 15, 456.	1.7	4
41	A high number of â€˜naturalâ€™ mitochondrial DNA polymorphisms in a symptomatic Brugada syndrome type 1 patient. Journal of Genetics, 2020, 99, 1.	0.4	3
42	Restriction fragment length polymorphism species-specific patterns in the identification of white truffles. FEMS Microbiology Letters, 1998, 164, 397-401.	0.7	3
43	Microsatellite primed-PCR to select molecular markers for Tuber species. Biotechnology Letters, 2002, 24, 263-267.	1.1	2
44	Electric and magnetic fields as possible risk factors for human health. International Journal of Risk Assessment and Management, 2005, 5, 292.	0.2	2
45	Estimation of fungal biomass and transcript levels in Tilia platyphyllos-Tuber borchii ectomycorrhizae. FEMS Microbiology Letters, 2000, 188, 119-124.	0.7	2
46	Supplementing Soy-Based Diet with Creatine in Rats: Implications for Cardiac Cell Signaling and Response to Doxorubicin. Nutrients, 2022, 14, 583.	1.7	2
47	Structural Analysis of the rDNA Intergenic Spacer of Tuber Borchii. Journal of Biomolecular Structure and Dynamics, 2002, 19, 701-708.	2.0	1
48	The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle. , 2016, , 147-182.		0
49	Release of DNA from Dermanyssus gallinae during the Biting Process. Animals, 2022, 12, 1084.	1.0	0