

# Luciana Vallorani

## List of Publications by Year in descending order

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38  
papers

1,092  
citations

430874

18  
h-index

414414

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1845  
citing authors

#	ARTICLE	IF	CITATIONS
1	C2C12 myoblasts release micro-vesicles containing mtDNA and proteins involved in signal transduction. <i>Experimental Cell Research</i> , 2010, 316, 1977-1984.	2.6	241
2	Creatine supplementation prevents the inhibition of myogenic differentiation in oxidatively injured C2C12 murine myoblasts. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1187-1204.	3.3	69
3	Biochemical characterisation and antioxidant activity of mycelium of <i>Ganoderma lucidum</i> from Central Italy. <i>Food Chemistry</i> , 2009, 116, 143-151.	8.2	66
4	Morphofunctional and Biochemical Approaches for Studying Mitochondrial Changes during Myoblasts Differentiation. <i>Journal of Aging Research</i> , 2011, 2011, 1-16.	0.9	54
5	Sulforaphane induces DNA single strand breaks in cultured human cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 689, 65-73.	1.0	52
6	Dehydroascorbic acid irreversibly inhibits hexokinase activity. <i>Molecular and Cellular Biochemistry</i> , 2000, 209, 145-153.	3.1	48
7	Biochemical and morphological modifications during the growth of <i>Tuber borchii</i> mycelium. <i>Mycological Research</i> , 1998, 102, 403-409.	2.5	47
8	Concurrent Aerobic and Resistance Training Has Anti-Inflammatory Effects and Increases Both Plasma and Leukocyte Levels of IGF-1 in Late Middle-Aged Type 2 Diabetic Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	45
9	CadF expression in <i>Campylobacter jejuni</i> strains incubated under low-temperature water microcosm conditions which induce the viable but non-culturable (VBNC) state. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 979-988.	1.7	43
10	Identification of putative genes involved in the development of <i>Tuber borchii</i> fruit body by mRNA differential display in agarose gel. <i>Current Genetics</i> , 2002, 42, 161-168.	1.7	37
11	Human IGF1 pro-forms induce breast cancer cell proliferation via the IGF1 receptor. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 149-159.	4.4	33
12	New Insights into the Role of Exercise in Inhibiting mTOR Signaling in Triple-Negative Breast Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-19.	4.0	33
13	Biochemical and molecular characterization of NADP <sup>+</sup> glutamate dehydrogenase from the ectomycorrhizal fungus <i>Tuber borchii</i> . <i>New Phytologist</i> , 2002, 154, 779-790.	7.3	31
14	Thetbf-1 Gene from the White Truffle <i>Tuber borchii</i> Codes for a Structural Cell Wall Protein Specifically Expressed in Fruitbody1. <i>Fungal Genetics and Biology</i> , 1998, 25, 87-99.	2.1	28
15	Creatine Prevents the Structural and Functional Damage to Mitochondria in Myogenic, Oxidatively Stressed C2C12 Cells and Restores Their Differentiation Capacity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	27
16	Effects of a Home-Based Lifestyle Intervention Program on Cardiometabolic Health in Breast Cancer Survivors during the COVID-19 Lockdown. <i>Journal of Clinical Medicine</i> , 2021, 10, 2678.	2.4	26
17	Carbohydrate and amino acid metabolism in <i>Tuber borchii</i> mycelium during glucose utilization: a <sup>13</sup> C NMR study. <i>Fungal Genetics and Biology</i> , 2003, 39, 168-175.	2.1	23
18	Biochemical Characterization and Antioxidant and Antiproliferative Activities of Different <i>Ganoderma</i> Collections. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2015, 25, 16-25.	1.0	23

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19	Tuber borchii fruit body: 2-dimensional profile and protein identification. <i>Phytochemistry</i> , 2004, 65, 813-820.	2.9	19
20	Identification of Tuber borchii Vittad. mycelium proteins separated by two-dimensional polyacrylamide gel electrophoresis using amino acid analysis and sequence tagging. <i>Electrophoresis</i> , 2000, 21, 3710-3716.	2.4	18
21	Bacterial diversity of traditional Fossa (pit) cheese and its ripening environment. <i>International Dairy Journal</i> , 2012, 23, 62-67.	3.0	16
22	Special Attention to Physical Activity in Breast Cancer Patients during the First Wave of COVID-19 Pandemic in Italy: The DianaWeb Cohort. <i>Journal of Personalized Medicine</i> , 2021, 11, 381.	2.5	16
23	Evaluation of the enzymes involved in primary nitrogen metabolism in <i>Tilia platyphyllos</i> - <i>Tuber borchii</i> ectomycorrhizae. <i>Plant Physiology and Biochemistry</i> , 2001, 39, 1111-1114.	5.8	13
24	<i>Tilia platyphyllos</i> Scop. "Tuber brumale Vittad. vs. <i>T. platyphyllos</i> Scop." "T. borchii Vittad. ectomycorrhizal systems: a comparison of structural and functional traits. <i>Plant Physiology and Biochemistry</i> , 2005, 43, 709-716.	5.8	12
25	Estimation of fungal biomass and transcript levels in <i>Tilia platyphyllos</i> - <i>Tuber borchii</i> ectomycorrhizae. <i>FEMS Microbiology Letters</i> , 2000, 188, 119-124.	1.8	11
26	Mitohormesis in muscle cells: a morphological, molecular, and proteomic approach. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 254-66.	0.3	11
27	Bacteria-produced ferric exopolysaccharide nanoparticles as iron delivery system for truffles ( <i>Tuber</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 3.6 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	Novel and simple high-performance liquid chromatographic method for determination of 3-hydroxy-3-methylglutaryl-coenzyme A reductase activity. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 819, 307-313.	2.3	7
30	High-performance capillary electrophoretic separation of proteins and peptides using a bonded hydrophilic phase capillary. <i>Electrophoresis</i> , 1995, 16, 625-629.	2.4	6
31	Reversed-Phase High-Performance Liquid Chromatographic Amino Acid Analysis of Phosphoproteins Electroblotted onto a Polyvinylidene Difluoride Membrane Using Dimethylaminoazobenzene Sulfonyl Chloride as Derivatizing Reagent. <i>Analytical Biochemistry</i> , 1998, 258, 376-379.	2.4	6
32	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 17-20.	2.2	4
33	Calsequestrin Deletion Facilitates Hippocampal Synaptic Plasticity and Spatial Learning in Post-Natal Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5473.	4.1	3
34	A Mixed-approach program To help women with breast cancer stay active (MOTIVE program): A pilot-controlled study. <i>Heliyon</i> , 2021, 7, e08252.	3.2	3
35	A Proteomic View of Truffles: Aspects of Primary Metabolism and Molecular Processes During Their Life Cycle. <i>Soil Biology</i> , 2016, , 409-426.	0.8	2
36	The "Journal of Functional Morphology and Kinesiology" Journal Club Series: Highlights on Recent Papers in Physical Activity and Sedentary Behavior. <i>Journal of Functional Morphology and Kinesiology</i> , 2018, 3, 23.	2.4	2

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37	Estimation of fungal biomass and transcript levels in <i>Tilia platyphyllos</i> - <i>Tuber borchii</i> ectomycorrhizae. <i>FEMS Microbiology Letters</i> , 2000, 188, 119-124.	1.8	2
38	A &M&ixed-Appr &O&ach Program &T&o Help Women W &l&th Breast Cancer Stay Acti &VE& ( &MOTIVE& Program): A Pilot-Controlled Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0