Lorenza Trabalzini

List of Publications by Year
in descending order

47 papers	1,524 citations	304743 22 h-index	315739 38 g-index
48 all docs	48 docs citations	48 times ranked	2089 citing authors

#	Article	IF	Citations
1	An Overview of Traditional Uses, Phytochemical Compositions and Biological Activities of Edible Fruits of European and Asian Cornus Species. Foods, 2022, 11, 1240.	4.3	13
2	Vaccinium Species (Ericaceae): From Chemical Composition to Bio-Functional Activities. Applied Sciences (Switzerland), 2021, 11, 5655.	2.5	22
3	In Vitro Hypolipidemic and Hypoglycaemic Properties of Mushroom Extracts. , 2021, 6, .		0
4	Disease models in cerebral cavernous malformations. Drug Discovery Today: Disease Models, 2020, 31, 21-29.	1.2	0
5	Phaseolus vulgaris L. var. Venanzio Grown in Tuscany: Chemical Composition and In Vitro Investigation of Potential Effects on Colorectal Cancer. Antioxidants, 2020, 9, 1181.	5.1	6
6	Prostaglandin E2 and Cancer: Insight into Tumor Progression and Immunity. Biology, 2020, 9, 434.	2.8	122
7	KRIT1 as a possible new player in melanoma aggressiveness. Archives of Biochemistry and Biophysics, 2020, 691, 108483.	3.0	5
8	KRIT1 loss-mediated upregulation of NOX1 in stromal cells promotes paracrine pro-angiogenic responses. Cellular Signalling, 2020, 68, 109527.	3.6	15
9	From Genes and Mechanisms to Molecular-Targeted Therapies: The Long Climb to the Cure of Cerebral Cavernous Malformation (CCM) Disease. Methods in Molecular Biology, 2020, 2152, 3-25.	0.9	12
10	Bidimentional In Vitro Angiogenic Assays to Study CCM Pathogenesis: Endothelial Cell Proliferation and Migration. Methods in Molecular Biology, 2020, 2152, 377-385.	0.9	2
11	Study of Molecular Interactions of CCM Proteins by Using a GAL4-Based Yeast Two-Hybrid Screening. Methods in Molecular Biology, 2020, 2152, 345-369.	0.9	1
12	KRIT1 loss-of-function induces a chronic Nrf2-mediated adaptive homeostasis that sensitizes cells to oxidative stress: Implication for Cerebral Cavernous Malformation disease. Free Radical Biology and Medicine, 2018, 115, 202-218.	2.9	69
13	Isolation and characterization of a novel tyrosinase produced by Sahara soil actinobacteria and immobilization on nylon nanofiber membranes. Journal of Biotechnology, 2018, 265, 54-64.	3.8	27
14	Spectroscopic Characterization of Natural Melanin from a Streptomyces cyaneofuscatus Strain and Comparison with Melanin Enzymatically Synthesized by Tyrosinase and Laccase. Molecules, 2018, 23, 1916.	3.8	39
15	Yeast-Derived Recombinant Avenanthramides Inhibit Proliferation, Migration and Epithelial Mesenchymal Transition of Colon Cancer Cells. Nutrients, 2018, 10, 1159.	4.1	14
16	Up-regulation of NADPH oxidase-mediated redox signaling contributes to the loss of barrier function in KRIT1 deficient endothelium. Scientific Reports, 2017, 7, 8296.	3.3	51
17	Cytochrome P450 and matrix metalloproteinase genetic modifiers of disease severity in Cerebral Cavernous Malformation type 1. Free Radical Biology and Medicine, 2016, 92, 100-109.	2.9	47
18	Defective autophagy is a key feature of cerebral cavernous malformations. EMBO Molecular Medicine, 2015, 7, 1403-1417.	6.9	109

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19	Evaluation of the bioactive properties of avenanthramide analogs produced in recombinant yeast. BioFactors, 2015, 41, 15-27.	5.4	36
20	KRIT1 loss of function causes a ROS-dependent upregulation of c-Jun. Free Radical Biology and Medicine, 2014, 68, 134-147.	2.9	66
21	The Ras Superfamily of Small GTPases: The Unlocked Secrets. Methods in Molecular Biology, 2014, 1120, 1-18.	0.9	138
22	Ras GTPases Are Both Regulators and Effectors of Redox Agents. Methods in Molecular Biology, 2014, 1120, 55-74.	0.9	13
23	Use of the Yeast Two-Hybrid Technology to Isolate Molecular Interactions of Ras GTPases. Methods in Molecular Biology, 2014, 1120, 97-120.	0.9	5
24	The yeast two-hybrid and related methods as powerful tools to study plant cell signalling. Plant Molecular Biology, 2013, 83, 287-301.	3.9	23
25	Molecular Crosstalk between Integrins and Cadherins: Do Reactive Oxygen Species Set the Talk?. Journal of Signal Transduction, 2012, 2012, 1-12.	2.0	55
26	Identification of the Kelch Family Protein Nd1-L as a Novel Molecular Interactor of KRIT1. PLoS ONE, 2012, 7, e44705.	2.5	28
27	VSTM2L is a novel secreted antagonist of the neuroprotective peptide Humanin. FASEB Journal, 2011, 25, 1983-2000.	0.5	22
28	RalGDS family members couple Ras to Ral signalling and that's not all. Cellular Signalling, 2010, 22, 1804-1810.	3.6	66
29	Immunolocalization of humanin in human sperm and testis. Fertility and Sterility, 2010, 94, 2888-2890.	1.0	39
30	Structural and functional differences between KRIT1A and KRIT1B isoforms: A framework for understanding CCM pathogenesis. Experimental Cell Research, 2009, 315, 285-303.	2.6	49
31	Humanin Structural Versatility and Interaction with Model Cerebral Cortex Membranes. Biochemistry, 2009, 48, 5026-5033.	2.5	13
32	G-protein binding features and regulation of the RalGDS family member, RGL2. Biochemical Journal, 2008, 415, 145-154.	3.7	7
33	Molecular motion of spin labeled side chains in the C-terminal domain of RGL2 protein: A SDSL-EPR and MD study. Biophysical Chemistry, 2006, 123, 49-57.	2.8	9
34	Helicobacter pyloriimmunoproteomes in case reports of rosacea and chronic urticaria. Proteomics, 2005, 5, 777-787.	2.2	34
35	Inactivation of Helicobacter pylori cagA Gene Affects Motility. Helicobacter, 2004, 9, 185-193.	3.5	14
36	Proteome analysis ofNeisseria meningitidis serogroup A. Proteomics, 2004, 4, 2893-2926.	2.2	57

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37	Innovative tools for scientific and technological education in italian secondary schools. Biochemistry and Molecular Biology Education, 2004, 32, 78-83.	1.2	3
38	Two-step elution of human serum proteins from different glass-modified bioactive surfaces: A comparative proteomic analysis of adsorption patterns. Electrophoresis, 2004, 25, 2413-2424.	2.4	24
39	Inhibition effects of ethanol on the kinetics of glucose metabolism by S. cerevisiae: NMR and modelling study. Chemical Physics Letters, 2004, 387, 377-382.	2.6	26
40	In vivo13C-NMR and modelling study of metabolic yield response to ethanol stress in a wild-type strain ofSaccharomyces cerevisiae. FEBS Letters, 2004, 564, 63-68.	2.8	22
41	The ras-binding domain of ral GDS-like protein-2 as a ras inhibitor in smooth muscle cells. Biochemical and Biophysical Research Communications, 2003, 305, 934-940.	2.1	6
42	Proteomic response to physiological fermentation stresses in a wild-type wine strain of Saccharomyces cerevisiae. Biochemical Journal, 2003, 370, 35-46.	3.7	94
43	Differences between predicted and observed sequences inSaccharomyces cerevisiae. Electrophoresis, 2000, 21, 3717-3723.	2.4	16
44	Identification of a Novel RalGDS-related Protein as a Candidate Effector for Ras and Rap1. Journal of Biological Chemistry, 1996, 271, 29903-29908.	3.4	62
45	Khellin, but not 8-methoxypsoralen, inhibits adenylyl cyclase system in HeLa cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1995, 1269, 162-166.	4.1	3
46	Adenylyl cyclase activity in roots of Pisum sativum. Phytochemistry, 1993, 34, 899-903.	2.9	17
47	Adenylate cyclase in roots of Ricinus communis; stimulation by GTP and Mn 2+. Phytochemistry, 1991, 30, 109-111.	2.9	23