

Lorenza Trabalzini

List of Publications by Year in descending order

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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	The Ras Superfamily of Small GTPases: The Unlocked Secrets. <i>Methods in Molecular Biology</i> , 2014, 1120, 1-18.	0.9	138
2	Prostaglandin E2 and Cancer: Insight into Tumor Progression and Immunity. <i>Biology</i> , 2020, 9, 434.	2.8	122
3	Defective autophagy is a key feature of cerebral cavernous malformations. <i>EMBO Molecular Medicine</i> , 2015, 7, 1403-1417.	6.9	109
4	Proteomic response to physiological fermentation stresses in a wild-type wine strain of <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2003, 370, 35-46.	3.7	94
5	KRIT1 loss-of-function induces a chronic Nrf2-mediated adaptive homeostasis that sensitizes cells to oxidative stress: Implication for Cerebral Cavernous Malformation disease. <i>Free Radical Biology and Medicine</i> , 2018, 115, 202-218.	2.9	69
6	RalGDS family members couple Ras to Ral signalling and that's not all. <i>Cellular Signalling</i> , 2010, 22, 1804-1810.	3.6	66
7	KRIT1 loss of function causes a ROS-dependent upregulation of c-Jun. <i>Free Radical Biology and Medicine</i> , 2014, 68, 134-147.	2.9	66
8	Identification of a Novel RalGDS-related Protein as a Candidate Effector for Ras and Rap1. <i>Journal of Biological Chemistry</i> , 1996, 271, 29903-29908.	3.4	62
9	Proteome analysis of <i>Neisseria meningitidis</i> serogroup A. <i>Proteomics</i> , 2004, 4, 2893-2926.	2.2	57
10	Molecular Crosstalk between Integrins and Cadherins: Do Reactive Oxygen Species Set the Talk?. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-12.	2.0	55
11	Up-regulation of NADPH oxidase-mediated redox signaling contributes to the loss of barrier function in KRIT1 deficient endothelium. <i>Scientific Reports</i> , 2017, 7, 8296.	3.3	51
12	Structural and functional differences between KRIT1A and KRIT1B isoforms: A framework for understanding CCM pathogenesis. <i>Experimental Cell Research</i> , 2009, 315, 285-303.	2.6	49
13	Cytochrome P450 and matrix metalloproteinase genetic modifiers of disease severity in Cerebral Cavernous Malformation type 1. <i>Free Radical Biology and Medicine</i> , 2016, 92, 100-109.	2.9	47
14	Immunolocalization of humanin in human sperm and testis. <i>Fertility and Sterility</i> , 2010, 94, 2888-2890.	1.0	39
15	Spectroscopic Characterization of Natural Melanin from a <i>Streptomyces cyaneofuscatus</i> Strain and Comparison with Melanin Enzymatically Synthesized by Tyrosinase and Laccase. <i>Molecules</i> , 2018, 23, 1916.	3.8	39
16	Evaluation of the bioactive properties of avenanthramide analogs produced in recombinant yeast. <i>BioFactors</i> , 2015, 41, 15-27.	5.4	36
17	<i>Helicobacter pylori</i> immunoproteomes in case reports of rosacea and chronic urticaria. <i>Proteomics</i> , 2005, 5, 777-787.	2.2	34
18	Identification of the Kelch Family Protein Nd1-L as a Novel Molecular Interactor of KRIT1. <i>PLoS ONE</i> , 2012, 7, e44705.	2.5	28

#	ARTICLE	IF	CITATIONS
19	Isolation and characterization of a novel tyrosinase produced by Sahara soil actinobacteria and immobilization on nylon nanofiber membranes. <i>Journal of Biotechnology</i> , 2018, 265, 54-64.	3.8	27
20	Inhibition effects of ethanol on the kinetics of glucose metabolism by <i>S. cerevisiae</i> : NMR and modelling study. <i>Chemical Physics Letters</i> , 2004, 387, 377-382.	2.6	26
21	Two-step elution of human serum proteins from different glass-modified bioactive surfaces: A comparative proteomic analysis of adsorption patterns. <i>Electrophoresis</i> , 2004, 25, 2413-2424.	2.4	24
22	Adenylate cyclase in roots of <i>Ricinus communis</i> ; stimulation by GTP and Mn ²⁺ . <i>Phytochemistry</i> , 1991, 30, 109-111.	2.9	23
23	The yeast two-hybrid and related methods as powerful tools to study plant cell signalling. <i>Plant Molecular Biology</i> , 2013, 83, 287-301.	3.9	23
24	In vivo ¹³ C-NMR and modelling study of metabolic yield response to ethanol stress in a wild-type strain of <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2004, 564, 63-68.	2.8	22
25	VSTM2L is a novel secreted antagonist of the neuroprotective peptide Humanin. <i>FASEB Journal</i> , 2011, 25, 1983-2000.	0.5	22
26	Vaccinium Species (Ericaceae): From Chemical Composition to Bio-Functional Activities. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5655.	2.5	22
27	Adenylyl cyclase activity in roots of <i>Pisum sativum</i> . <i>Phytochemistry</i> , 1993, 34, 899-903.	2.9	17
28	Differences between predicted and observed sequences in <i>Saccharomyces cerevisiae</i> . <i>Electrophoresis</i> , 2000, 21, 3717-3723.	2.4	16
29	KRIT1 loss-mediated upregulation of NOX1 in stromal cells promotes paracrine pro-angiogenic responses. <i>Cellular Signalling</i> , 2020, 68, 109527.	3.6	15
30	Inactivation of <i>Helicobacter pylori</i> cagA Gene Affects Motility. <i>Helicobacter</i> , 2004, 9, 185-193.	3.5	14
31	Yeast-Derived Recombinant Avenanthramides Inhibit Proliferation, Migration and Epithelial Mesenchymal Transition of Colon Cancer Cells. <i>Nutrients</i> , 2018, 10, 1159.	4.1	14
32	Humanin Structural Versatility and Interaction with Model Cerebral Cortex Membranes. <i>Biochemistry</i> , 2009, 48, 5026-5033.	2.5	13
33	Ras GTPases Are Both Regulators and Effectors of Redox Agents. <i>Methods in Molecular Biology</i> , 2014, 1120, 55-74.	0.9	13
34	An Overview of Traditional Uses, Phytochemical Compositions and Biological Activities of Edible Fruits of European and Asian <i>Cornus</i> Species. <i>Foods</i> , 2022, 11, 1240.	4.3	13
35	From Genes and Mechanisms to Molecular-Targeted Therapies: The Long Climb to the Cure of Cerebral Cavernous Malformation (CCM) Disease. <i>Methods in Molecular Biology</i> , 2020, 2152, 3-25.	0.9	12
36	Molecular motion of spin labeled side chains in the C-terminal domain of RGL2 protein: A SDSL-EPR and MD study. <i>Biophysical Chemistry</i> , 2006, 123, 49-57.	2.8	9

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37	G-protein binding features and regulation of the RalGDS family member, RGL2. <i>Biochemical Journal</i> , 2008, 415, 145-154.	3.7	7
38	The ras-binding domain of ral GDS-like protein-2 as a ras inhibitor in smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 934-940.	2.1	6
39	<i>Phaseolus vulgaris</i> L. var. Venanzio Grown in Tuscany: Chemical Composition and In Vitro Investigation of Potential Effects on Colorectal Cancer. <i>Antioxidants</i> , 2020, 9, 1181.	5.1	6
40	KRIT1 as a possible new player in melanoma aggressiveness. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108483.	3.0	5
41	Use of the Yeast Two-Hybrid Technology to Isolate Molecular Interactions of Ras GTPases. <i>Methods in Molecular Biology</i> , 2014, 1120, 97-120.	0.9	5
42	Khellin, but not 8-methoxypsoralen, inhibits adenylyl cyclase system in HeLa cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1269, 162-166.	4.1	3
43	Innovative tools for scientific and technological education in italian secondary schools. <i>Biochemistry and Molecular Biology Education</i> , 2004, 32, 78-83.	1.2	3
44	Bidimensional In Vitro Angiogenic Assays to Study CCM Pathogenesis: Endothelial Cell Proliferation and Migration. <i>Methods in Molecular Biology</i> , 2020, 2152, 377-385.	0.9	2
45	Study of Molecular Interactions of CCM Proteins by Using a GAL4-Based Yeast Two-Hybrid Screening. <i>Methods in Molecular Biology</i> , 2020, 2152, 345-369.	0.9	1
46	Disease models in cerebral cavernous malformations. <i>Drug Discovery Today: Disease Models</i> , 2020, 31, 21-29.	1.2	0
47	In Vitro Hypolipidemic and Hypoglycaemic Properties of Mushroom Extracts. , 2021, 6, .		0