

F L Forti

List of Publications by Year in descending order

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52
papers

997
citations

471371

17
h-index

477173

29
g-index

53
all docs

53
docs citations

53
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	Butyrate Protects Mice from Clostridium difficile-Induced Colitis through an HIF-1-Dependent Mechanism. Cell Reports, 2019, 27, 750-761.e7.	2.9	212
2	Protein Disulfide Isomerase Is Required for Platelet-derived Growth Factor-induced Vascular Smooth Muscle Cell Migration, Nox1 NADPH Oxidase Expression, and RhoGTPase Activation. Journal of Biological Chemistry, 2012, 287, 29290-29300.	1.6	65
3	A Novel Intracellular Peptide Derived from G1/S Cyclin D2 Induces Cell Death. Journal of Biological Chemistry, 2014, 289, 16711-16726.	1.6	42
4	Neurolysin Knockout Mice Generation and Initial Phenotype Characterization. Journal of Biological Chemistry, 2014, 289, 15426-15440.	1.6	41
5	Intracellular Peptides in Cell Biology and Pharmacology. Biomolecules, 2019, 9, 150.	1.8	34
6	Rho signaling pathway and apical constriction in the early lens placode. Genesis, 2011, 49, 368-379.	0.8	32
7	Rac1 GTPase-deficient HeLa cells present reduced DNA repair, proliferation, and survival under UV or gamma irradiation. Molecular and Cellular Biochemistry, 2015, 404, 281-297.	1.4	31
8	ACTH Promotion of p27Kip1 Induction in Mouse Y1 Adrenocortical Tumor Cells is Dependent on Both PKA Activation and Akt/PKB Inactivation. Biochemistry, 2002, 41, 10133-10140.	1.2	29
9	ACTH receptor: Ectopic expression, activity and signaling. Molecular and Cellular Biochemistry, 2006, 293, 147-160.	1.4	29
10	Actin cytoskeleton dynamics in stem cells from autistic individuals. Scientific Reports, 2018, 8, 11138.	1.6	29
11	A metal-free blue chromophore derived from plant pigments. Science Advances, 2020, 6, eaaz0421.	4.7	24
12	Proliferative signaling initiated in ACTH receptors. Brazilian Journal of Medical and Biological Research, 2000, 33, 1133-1140.	0.7	23
13	Proteomic, Cellular, and Network Analyses Reveal New DUSP3 Interactions with Nucleolar Proteins in HeLa Cells. Journal of Proteome Research, 2013, 12, 5851-5866.	1.8	23
14	Modulation of RhoA GTPase Activity Sensitizes Human Cervix Carcinoma Cells to γ -Radiation by Attenuating DNA Repair Pathways. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	23
15	Signal Transduction in G ₀ /G ₁ -Arrested Mouse Y1 Adrenocortical Cells Stimulated by Acth and FGF2. Endocrine Research, 2000, 26, 825-832.	0.6	22
16	A Cyclin D2-derived peptide acts on specific cell cycle phases by activating ERK1/2 to cause the death of breast cancer cells. Journal of Proteomics, 2017, 151, 24-32.	1.2	21
17	Inhibition of the RhoA GTPase Activity Increases Sensitivity of Melanoma Cells to UV Radiation Effects. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	20
18	Deconstructing the molecular mechanisms of cell cycle control in a mouse adrenocortical cell line: Roles of ACTH. Microscopy Research and Technique, 2003, 61, 268-274.	1.2	19

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19	Fibroblast Growth Factor 2 Restrains Ras-Driven Proliferation of Malignant Cells by Triggering RhoA-Mediated Senescence. <i>Cancer Research</i> , 2008, 68, 6215-6223.	0.4	19
20	GTPases, genome, actin: A hidden story in DNA damage response and repair mechanisms. <i>DNA Repair</i> , 2021, 100, 103070.	1.3	19
21	Arginine Vasopressin Inhibition of Cyclin D1 Gene Expression Blocks the Cell Cycle and Cell Proliferation in the Mouse Y1 Adrenocortical Tumor Cell Line. <i>Biochemistry</i> , 2003, 42, 2116-2121.	1.2	18
22	Modifications on Collagen Structures Promoted by 1,4-Dioxane Improve Thermal and Biological Properties of Bovine Pericardium as a Biomaterial. <i>Journal of Biomaterials Applications</i> , 2006, 20, 267-285.	1.2	15
23	Acth Inhibits a Ras-Dependent Anti-Apoptotic and Mitogenic Pathway in Mouse Y1 Adrenocortical Cells. <i>Endocrine Research</i> , 2000, 26, 911-914.	0.6	13
24	CDC42 Gtpase Activation Affects Hela Cell DNA Repair and Proliferation Following UV Radiation-Induced Genotoxic Stress. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2086-2097.	1.2	13
25	Vasopressin triggers senescence in K-ras transformed cells via RhoA-dependent downregulation of cyclin D1. <i>Endocrine-Related Cancer</i> , 2007, 14, 1117-1125.	1.6	12
26	Molecular Mechanisms of Cell Cycle Control in the Mouse Y1 Adrenal Cell Line. <i>Endocrine Research</i> , 2004, 30, 503-509.	0.6	11
27	Combined experimental and bioinformatics analysis for the prediction and identification of VHR/DUSP3 nuclear targets related to DNA damage and repair. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 73-89.	0.6	11
28	Loss of DUSP3 activity radiosensitizes human tumor cell lines via attenuation of DNA repair pathways. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1879-1894.	1.1	11
29	Revisiting the roles of VHR/DUSP3 phosphatase in human diseases. <i>Clinics</i> , 2018, 73, e466s.	0.6	11
30	Proteomic and Interactome Approaches Reveal PAK4, PHB-2, and 14-3-3 β as Targets of Overactivated Cdc42 in Cellular Responses to Genomic Instability. <i>Journal of Proteome Research</i> , 2019, 18, 3597-3614.	1.8	10
31	Functionalized nanoparticles as adjuvant to increase the cytotoxicity of metallodrugs toward tumor cells. <i>New Journal of Chemistry</i> , 2019, 43, 386-398.	1.4	10
32	Measuring the Contributions of the Rho Pathway to the DNA Damage Response in Tumor Epithelial Cells. <i>Methods in Molecular Biology</i> , 2018, 1821, 339-355.	0.4	9
33	DUSP3/VHR: A Druggable Dual Phosphatase for Human Diseases. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2018, 176, 1-35.	0.9	9
34	Overactivated Cdc42 acts through Cdc42EP3/Borg2 and NCK to trigger DNA damage response signaling and sensitize cells to DNA-damaging agents. <i>Experimental Cell Research</i> , 2020, 395, 112206.	1.2	9
35	Modulation of SCD1 activity in hepatocyte cell lines: evaluation of genomic stability and proliferation. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3393-3405.	1.4	9
36	CD100/Sema4D Increases Macrophage Infection by <i>Leishmania (Leishmania) amazonensis</i> in a CD72 Dependent Manner. <i>Frontiers in Microbiology</i> , 2018, 9, 1177.	1.5	8

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37	Activation of protein kinase C delta by ÎŦRACK peptide promotes embryonic stem cell proliferation through ERK 1/2. <i>Journal of Proteomics</i> , 2013, 94, 497-512.	1.2	7
38	Nucleophosmin Protein Dephosphorylation by DUSP3 Is a Fine-Tuning Regulator of p53 Signaling to Maintain Genomic Stability. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 624933.	1.8	7
39	Assessing the Roles of Rho GTPases in Cell DNA Repair by the Nucleotide Excision Repair Pathway. <i>Methods in Molecular Biology</i> , 2018, 1821, 319-338.	0.4	6
40	Exoenzyme C3 transferase lowers actin cytoskeleton dynamics, genomic stability and survival of malignant melanoma cells under UV-light stress. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 209, 111947.	1.7	6
41	Arginine vasopressin controls p27Kip1 protein expression by PKC activation and irreversibly inhibits the proliferation of K-Ras-dependent mouse Y1 adrenocortical malignant cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1438-1445.	1.9	5
42	Antitumor activity of Mn(III) complexes in combination with phototherapy and antioxidant therapy. <i>BioMetals</i> , 2013, 26, 439-446.	1.8	5
43	RHOAming Through the Nucleotide Excision Repair Pathway as a Mechanism of Cellular Response Against the Effects of UV Radiation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 816.	1.8	5
44	DUSP3 maintains genomic stability and cell proliferation by modulating NER pathway and cell cycle regulatory proteins. <i>Cell Cycle</i> , 2020, 19, 1545-1561.	1.3	5
45	1,4-Dioxane enhances properties and biocompatibility of polyanionic collagen for tissue engineering applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1901-1912.	1.7	4
46	Network analysis of DUSP12 partners in the nucleus under genotoxic stress. <i>Journal of Proteomics</i> , 2019, 197, 42-52.	1.2	3
47	UV Radiation-induced Impairment of Cellular Morphology and Motility is Enhanced by DUSP3/VHR Loss and FAK Activation. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 261-269.	0.9	3
48	Acth induces c-fos Proto-Oncogene in fibroblasts expressing the acth receptor. <i>Endocrine Research</i> , 1998, 24, 433-437.	0.6	2
49	Investigating roles of dual tyrosine phosphatases in DNA damage responses. <i>International Journal of Low Radiation</i> , 2010, 7, 259.	0.1	1
50	c-Ki-ras oncogene amplification and FGF2 signaling pathways in the mouse Y1 adrenocortical cell line. <i>Anais Da Academia Brasileira De Ciencias</i> , 2006, 78, 231-239.	0.3	1
51	Where do we aspire to publish? A position paper on scientific communication in biochemistry and molecular biology. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8935.	0.7	1
52	Abstract 2372: DUSP3-NPM-P53 axis: a new regulator of genomic stability of cells under genotoxic stress. , 2020, , .		0