Marco Crescenzi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7255429/publications.pdf

Version: 2024-02-01

109 papers	4,900 citations	94269 37 h-index	102304 66 g-index
109 all docs	109 docs citations	109 times ranked	6799 citing authors

#	Article	IF	Citations
1	Thermostable DNA polymerase chain amplification of t(14;18) chromosome breakpoints and detection of minimal residual disease.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 4869-4873.	3.3	316
2	New functions of XPC in the protection of human skin cells from oxidative damage. EMBO Journal, 2006, 25, 4305-4315.	3.5	227
3	The Mammalian Mismatch Repair Pathway Removes DNA 8-oxodGMP Incorporated from the Oxidized dNTP Pool. Current Biology, 2002, 12, 912-918.	1.8	212
4	Î±6Î²4 and Î±6Î²1 Integrins Associate with ErbB-2 in Human Carcinoma Cell Lines. Experimental Cell Research, 1997, 236, 76-85.	1.2	201
5	MyoD induces growth arrest independent of differentiation in normal and transformed cells.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 8442-8446.	3.3	184
6	Human MRE11 is inactivated in mismatch repairâ€deficient cancers. EMBO Reports, 2002, 3, 248-254.	2.0	169
7	Development of a highly efficient expression cDNA cloning system: application to oncogene isolation.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5167-5171.	3.3	148
8	p53 re-expression inhibits proliferation and restores differentiation of human thyroid anaplastic carcinoma cells. Oncogene, 1997, 14, 729-740.	2.6	141
9	Inhibition of ErbB-2 Mitogenic and Transforming Activity by RALT, a Mitogen-Induced Signal Transducer Which Binds to the ErbB-2 Kinase Domain. Molecular and Cellular Biology, 2000, 20, 7735-7750.	1.1	134
10	High efficiency myogenic conversion of human fibroblasts by adenoviral vector-mediated MyoD gene transfer. An alternative strategy for ex vivo gene therapy of primary myopathies.. Journal of Clinical Investigation, 1998, 101, 2119-2128.	3.9	127
11	Interference with p53 protein inhibits hematopoietic and muscle differentiation.. Journal of Cell Biology, 1996, 134, 193-204.	2.3	118
12	Che-1 phosphorylation by ATM/ATR and Chk2 kinases activates p53 transcription and the G2/M checkpoint. Cancer Cell, 2006, 10, 473-486.	7.7	106
13	Terminally differentiated muscle cells are defective in base excision DNA repair and hypersensitive to oxygen injury. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17010-17015.	3.3	106
14	The mammalian mismatch repair protein MSH2 is required for correct MRE11 and RAD51 relocalization and for efficient cell cycle arrest induced by ionizing radiation in G2 phase. Oncogene, 2003, 22, 2110-2120.	2.6	93
15	Np95 is regulated by E1A during mitotic reactivation of terminally differentiated cells and is essential for S phase entry. Journal of Cell Biology, 2002, 157, 909-914.	2.3	86
16	Reconstitution of Cyclin D1-Associated Kinase Activity Drives Terminally Differentiated Cells into the Cell Cycle. Molecular and Cellular Biology, 2001, 21, 5631-5643.	1.1	84
17	Knockdown of Cyclin-dependent Kinase Inhibitors Induces Cardiomyocyte Re-entry in the Cell Cycle. Journal of Biological Chemistry, 2011, 286, 8644-8654.	1.6	79
18	Critical requirement for cell cycle inhibitors in sustaining nonproliferative states. Journal of Cell Biology, 2007, 176, 807-818.	2.3	73

#	Article	IF	Citations
19	Expression of E1A in Terminally Differentiated Muscle Cells Reactivates the Cell Cycle and Suppresses Tissue-Specific Genes by Separable Mechanismsâ€. Molecular and Cellular Biology, 1996, 16, 5302-5312.	1.1	71
20	A pRb-independent mechanism preserves the postmitotic state in terminally differentiated skeletal muscle cells. Journal of Cell Biology, 2004, 167, 417-423.	2.3	68
21	The main biological determinants of tumor line taxonomy elucidated by a principal component analysis of microarray data. FEBS Letters, 2001, 507, 114-118.	1.3	65
22	The accumulation of MMS-induced single strand breaks in G1 phase is recombinogenic in DNA polymerase Â defective mammalian cells. Nucleic Acids Research, 2005, 33, 280-288.	6.5	63
23	Mismatch repair, G 2 /M cell cycle arrest and lethality after DNA damage. Carcinogenesis, 1999, 20, 2317-2326.	1.3	62
24	Trends in tissue repair and regeneration. Development (Cambridge), 2017, 144, 357-364.	1.2	62
25	Mitotic cycle reactivation in terminally differentiated cells by adenovirus infection. Journal of Cellular Physiology, 1995, 162, 26-35.	2.0	61
26	Variant of ataxia-telangiectasia with low-level radiosensitivity. Human Genetics, 1985, 70, 274-7.	1.8	55
27	A Role for Oxidized DNA Precursors in Huntington's Diseaseâ€“Like Striatal Neurodegeneration. PLoS Genetics, 2008, 4, e1000266.	1.5	53
28	Sensitivity to DNA cross-linking chemotherapeutic agents in mismatch repair-defective cellsin vitro and in xenografts. , 2000, 85, 590-596.		48
29	Separase prevents genomic instability by controlling replication fork speed. Nucleic Acids Research, 2018, 46, 267-278.	6.5	48
30	Transformation by myc prevents fusion but not biochemical differentiation of C2C12 myoblasts: mechanisms of phenotypic correction in mixed culture with normal cells.. Journal of Cell Biology, 1994, 125, 1137-1145.	2.3	47
31	HIPK2 catalytic activity and subcellular localization are regulated by activation-loop Y354 autophosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1443-1453.	1.9	47
32	Estrogens enhance myoblast differentiation in facioscapulohumeral muscular dystrophy by antagonizing DUX4 activity. Journal of Clinical Investigation, 2017, 127, 1531-1545.	3.9	46
33	1,2-Dimethylhydrazine-Induced Colon Carcinoma and Lymphoma in msh2-/- Mice. Journal of the National Cancer Institute, 2001, 93, 1534-1540.	3.0	45
34	The Giardia duodenalis 14-3-3 Protein Is Post-translationally Modified by Phosphorylation and Polyglycylation of the C-terminal Tail. Journal of Biological Chemistry, 2006, 281, 5137-5148.	1.6	44
35	p53 can inhibit cell proliferation through caspase-mediated cleavage of ERK2/MAPK. Cell Death and Differentiation, 2004, 11, 596-607.	5.0	40
36	Induction of myogenic differentiation by SDFâ€1 via CXCR4 and CXCR7 receptors. Muscle and Nerve, 2010, 41, 828-835.	1.0	40

#	Article	IF	Citations
37	Interaction Network of the 14-3-3 Protein in the Ancient Protozoan Parasite Giardia duodenalis. Journal of Proteome Research, 2012, 11, 2666-2683.	1.8	40
38	The WRN and MUS81 proteins limit cell death and genome instability following oncogene activation. Oncogene, 2013, 32, 610-620.	2.6	40
39	Differentiation-associated microRNAs antagonize the Rbâ€“E2F pathway to restrict proliferation. Journal of Cell Biology, 2012, 199, 77-95.	2.3	39
40	Gene expression waves. FEBS Journal, 2007, 274, 2878-2886.	2.2	38
41	DNA damage response by single-strand breaks in terminally differentiated muscle cells and the control of muscle integrity. Cell Death and Differentiation, 2012, 19, 1741-1749.	5.0	37
42	Robust G2 pausing of adult stem cells in Hydra. Differentiation, 2014, 87, 83-99.	1.0	36
43	Prolonged lifespan with enhanced exploratory behavior in mice overexpressing the oxidized nucleoside triphosphatase hMTH1. Aging Cell, 2013, 12, 695-705.	3.0	35
44	Gaucher disease due to saposin C deficiency is an inherited lysosomal disease caused by rapidly degraded mutant proteins. Human Molecular Genetics, 2014, 23, 5814-5826.	1.4	33
45	Wild-Type p53 Induces Diverse Effects in 32D Cells Expressing Different Oncogenes. Molecular and Cellular Biology, 1996, 16, 487-495.	1.1	32
46	Phosphorylation and nitration of tyrosine residues affect functional properties of Synaptophysin and Dynamin I, two proteins involved in exo-endocytosis of synaptic vesicles. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 110-121.	1.9	32
47	Identification of a molecular signature for leukemic promyelocytes and their normal counterparts: focus on DNA repair genes. Leukemia, 2006, 20, 1978-1988.	3.3	31
48	Phosphorylation of SRSF1 is modulated by replicational stress. Nucleic Acids Research, 2012, 40, 1106-1117.	6.5	31
49	The nebulin SH3 domain is dispensable for normal skeletal muscle structure but is required for effective active load bearing in mouse. Journal of Cell Science, 2013, 126, 5477-89.	1.2	31
50	HIPK2 Phosphorylates the Microtubule-Severing Enzyme Spastin at S268 for Abscission. Cells, 2019, 8, 684.	1.8	31
51	MLC1 trafficking and membrane expression in astrocytes: Role of caveolin-1 and phosphorylation. Neurobiology of Disease, 2010, 37, 581-595.	2.1	30
52	Wt-p53 action in human leukaemia cell lines corresponding to different stages of differentiation. British Journal of Cancer, 1998, 77, 1429-1438.	2.9	29
53	Wild-type p53 gene transfer is not detrimental to normal cells in vivo: implications for tumor gene therapy. Oncogene, 2004, 23, 418-425.	2.6	29
54	The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence. Open Biology, 2016, 6, 160103.	1.5	29

#	Article	IF	Citations
55	Mass spectrometry detection of fraudulent use of cow whey in water buffalo, sheep, or goat Italian ricotta cheese. Food Chemistry, 2016, 197, 1240-1248.	4.2	29
56	Genotypeâ€“phenotype analysis of S326C OGG1 polymorphism: a risk factor for oxidative pathologies. Free Radical Biology and Medicine, 2013, 63, 401-409.	1.3	28
57	Exogenous wt-p53 protein is active in transformed cells but not in their non-transformed counterparts: implications for cancer gene therapy without tumor targeting. Journal of Gene Medicine, 2000, 2, 11-21.	1.4	27
58	Hydra, a versatile model to study the homeostatic and developmental functions of cell death. International Journal of Developmental Biology, 2012, 56, 593-604.	0.3	27
59	Molecular and Cellular Basis of Regeneration and Tissue Repair. Cellular and Molecular Life Sciences, 2008, 65, 8-15.	2.4	25
60	Streptococcalâ€“vimentin cross-reactive antibodies induce microvascular cardiac endothelial proinflammatory phenotype in rheumatic heart disease. Clinical and Experimental Immunology, 2013, 173, 419-429.	1.1	25
61	Antiâ€GAPDH Autoantibodies as a Pathogenic Determinant and Potential Biomarker of Neuropsychiatric Diseases. Arthritis and Rheumatology, 2016, 68, 2708-2716.	2.9	24
62	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. EBioMedicine, 2016, 7, 191-204.	2.7	24
63	A simple and effective method to analyze membrane proteins by SDS-PAGE and MALDI mass spectrometry. Anticancer Research, 2010, 30, 1121-9.	0.5	24
64	Carbon Monoxide Signaling in Human Red Blood Cells: Evidence for Pentose Phosphate Pathway Activation and Protein Deglutathionylation. Antioxidants and Redox Signaling, 2014, 20, 403-416.	2.5	22
65	Expression of exogenous wt-p53 does not affect normal hematopoiesis: implications for bone marrow purging. Gene Therapy, 1997, 4, 1371-1378.	2.3	21
66	E2F activates late-G1 events but cannot replace E1A in inducing S phase in terminally differentiated skeletal muscle cells. Oncogene, 1999, 18, 5054-5062.	2.6	21
67	Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. Journal of Autoimmunity, 2015, 58, 78-89.	3.0	21
68	MetaShot: an accurate workflow for taxon classification of host-associated microbiome from shotgun metagenomic data. Bioinformatics, 2017, 33, 1730-1732.	1.8	21
69	Megalencephalic leukoencephalopathy with subcortical cysts protein-1 modulates endosomal pH and protein trafficking in astrocytes: Relevance to MLC disease pathogenesis. Neurobiology of Disease, 2014, 66, 1-18.	2.1	20
70	DNA Replication Is Intrinsically Hindered in Terminally Differentiated Myotubes. PLoS ONE, 2010, 5, e11559.	1.1	20
71	Phenotypically immature IgG-bearing B cells in patients with hypogammaglobulinemia. Journal of Clinical Immunology, 1986, 6, 21-25.	2.0	19
72	Involvement of 14-3-3 protein post-translational modifications in Giardia duodenalis encystation. International Journal for Parasitology, 2010, 40, 201-213.	1.3	19

#	Article	IF	Citations
73	Effects of Exogenous p53 Transduction in Thyroid Tumor Cells with Different p53 Status. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 302-308.	1.8	19
74	Adenovirus Infection Induces Reentry into the Cell Cycle of Terminally Differentiated Skeletal Muscle Cells. Annals of the New York Academy of Sciences, 1995, 752, 9-18.	1.8	17
75	Long-term fate of terminally differentiated skeletal muscle cells following E1A-initiated cell cycle reactivation. Cell Death and Differentiation, 2000, 7, 145-154.	5.0	17
76	Giardia Duodenalis 14-3-3 Protein Is Polyglycylated by a Tubulin Tyrosine Ligase-like Member and Deglycylated by Two Metallocarboxypeptidases. Journal of Biological Chemistry, 2011, 286, 4471-4484.	1.6	17
77	Discrimination of single amino acid mutations of the p53 protein by means of deterministic singularities of recurrence quantification analysis. Proteins: Structure, Function and Bioinformatics, 2004, 55, 743-755.	1.5	15
78	Peroxynitrite induces tyrosine residue modifications in synaptophysin Câ€terminal domain, affecting its interaction with src. Journal of Neurochemistry, 2009, 111, 859-869.	2.1	15
79	HIPK2 and extrachromosomal histone H2B are separately recruited by Aurora-B for cytokinesis. Oncogene, 2018, 37, 3562-3574.	2.6	15
80	A cancer-specific transcriptional signature in human neoplasia. Journal of Clinical Investigation, 2005, 115, 3015-3025.	3.9	14
81	Hypogammaglobulinemia with hyper-IgM, severe T-cell defect, and abnormal recirculation of OKT4 lymphocytes in a girl with chronic lymphadenopathy. Clinical Immunology and Immunopathology, 1986, 38, 256-264.	2.1	13
82	HPV E7 expression in skeletal muscle cells distinguishes initiation of the postmitotic state from its maintenance. Oncogene, 2003, 22, 4027-4034.	2.6	13
83	A defective dNTP pool hinders DNA replication in cell cycle-reactivated terminally differentiated muscle cells. Cell Death and Differentiation, 2017, 24, 774-784.	5.0	13
84	Regulation of Cyclin E Protein Levels through E2F-Mediated Inhibition of Degradation. Cell Cycle, 2004, 3, 1572-1578.	1.3	12
85	Src inhibitors modulate frataxin protein levels. Human Molecular Genetics, 2015, 24, 4296-4305.	1.4	12
86	HIPK2 sustains apoptotic response by phosphorylating Che-1/AATF and promoting its degradation. Cell Death and Disease, 2014, 5, e1414-e1414.	2.7	11
87	The Î²4Integrin Subunit Is Expressed in Mouse Fibroblasts and Modulated by Transforming Growth Factor-Î²1. Experimental Cell Research, 1996, 227, 223-229.	1.2	10
88	Mass spectrometry for protein identification and the study of post translational modifications. Annali Dell'Istituto Superiore Di Sanita, 2005, 41, 443-50.	0.2	10
89	Restoring the Cell Cycle and Proliferation Competence in Terminally Differentiated Skeletal Muscle Myotubes. Cells, 2021, 10, 2753.	1.8	9
90	Non-Proliferation as an Active State: Conceptual and Practical Implications. Cell Cycle, 2007, 6, 1414-1417.	1.3	8

#	Article	IF	Citations
91	Cytogenetic analysis of human cells reveals specific patterns of <scp>DNA</scp> damage in replicative and oncogeneâ€induced senescence. Aging Cell, 2013, 12, 312-315.	3.0	8
92	Formation of an adduct by clenbuterol, a Î²-adrenoceptor agonist drug, and serum albumin in human saliva at the acidic pH of the stomach: Evidence for an aryl radical-based process. Free Radical Biology and Medicine, 2008, 45, 124-135.	1.3	7
93	Increased levels of acute-phase inflammatory proteins in plasma of patients with sporadic CJD. Neurology, 2012, 79, 1012-1018.	1.5	7
94	Type E Botulinum Neurotoxin-Producing Clostridium butyricum Strains Are Aerotolerant during Vegetative Growth. MSystems, 2019, 4, .	1.7	7
95	Proliferation of Multiple Cell Types in the Skeletal Muscle Tissue Elicited by Acute p21 Suppression. Molecular Therapy, 2015, 23, 885-895.	3.7	6
96	Antigenic Expression of B-Cell Chronic Lymphocytic Leukemic Cell Lines. Leukemia and Lymphoma, 1992, 7, 497-504.	0.6	5
97	Oncogenes belonging to the CSF-1 transduction pathway direct p53 tumor suppressor effects to monocytic differentiation in 32D cells. Oncogene, 1997, 15, 607-611.	2.6	5
98	Phosphorylation on threonineÂ11 of Î²â€dystrobrevin alters its interaction with kinesin heavy chain. FEBS Journal, 2012, 279, 4131-4144.	2.2	5
99	The enzymatic processing of Î±-dystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site. PLoS ONE, 2018, 13, e0192651.	1.1	4
100	An insight into the abundant proteome of 46BR.1G1 fibroblasts deficient of DNA ligase I. Electrophoresis, 2012, 33, 307-315.	1.3	3
101	Levels matter. Cell Cycle, 2013, 12, 3715-3715.	1.3	3
102	Efficient one-step chromatographic purification and functional characterization of recombinant human Saposin C. Protein Expression and Purification, 2011, 78, 209-215.	0.6	2
103	Synchronous protein cycling in batch cultures of the yeast Saccharomyces cerevisiae at log growth phase. Experimental Cell Research, 2011, 317, 2958-2968.	1.2	2
104	Structural basis of ubiquitination mediated by protein splicing in early Eukarya. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129844.	1.1	2
105	B-CELL LYMPHOMA: t(14;18) CHROMOSOME REARRANGEMENT. , 1990, , 392-398.		2
106	The Amyloid Aggregation Study on Board the International Space Station, an Update. Aerotecnica Missili & Spazio, 2020, 99, 141-148.	0.5	1
107	pRb in the Differentiation of Normal and Neoplastic Cells. , 2006, , 11-19.		1
108	First detection of SARS-CoV-2 lineage A.27 in Sardinia, Italy.. Annali Dell'Istituto Superiore Di Sanita, 2022, 58, 1-5.	0.2	1

#	Article	IF	Citations
109	The nebulin SH3 domain is dispensable for normal skeletal muscle structure but is required for effective active load bearing in mouse. Development (Cambridge), 2014, 141, e108-e108.	1.2	0