

Marco Crescenzi

List of Publications by Year in descending order

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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	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
2	Structural basis of ubiquitination mediated by protein splicing in early Eukarya. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129844.	1.1	2
3	Restoring the Cell Cycle and Proliferation Competence in Terminally Differentiated Skeletal Muscle Myotubes. Cells, 2021, 10, 2753.	1.8	9
4	The Amyloid Aggregation Study on Board the International Space Station, an Update. Aerotecnica Missili & Spazio, 2020, 99, 141-148.	0.5	1
5	HIPK2 Phosphorylates the Microtubule-Severing Enzyme Spastin at S268 for Abcission. Cells, 2019, 8, 684.	1.8	31
6	Type E Botulinum Neurotoxin-Producing Clostridium butyricum Strains Are Aerotolerant during Vegetative Growth. MSystems, 2019, 4, .	1.7	7
7	HIPK2 and extrachromosomal histone H2B are separately recruited by Aurora-B for cytokinesis. Oncogene, 2018, 37, 3562-3574.	2.6	15
8	Separase prevents genomic instability by controlling replication fork speed. Nucleic Acids Research, 2018, 46, 267-278.	6.5	48
9	The enzymatic processing of α -dystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site. PLoS ONE, 2018, 13, e0192651.	1.1	4
10	Trends in tissue repair and regeneration. Development (Cambridge), 2017, 144, 357-364.	1.2	62
11	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
12	MetaShot: an accurate workflow for taxon classification of host-associated microbiome from shotgun metagenomic data. Bioinformatics, 2017, 33, 1730-1732.	1.8	21
13	Estrogens enhance myoblast differentiation in facioscapulohumeral muscular dystrophy by antagonizing DUX4 activity. Journal of Clinical Investigation, 2017, 127, 1531-1545.	3.9	46
14	Anti- α -GAPDH Autoantibodies as a Pathogenic Determinant and Potential Biomarker of Neuropsychiatric Diseases. Arthritis and Rheumatology, 2016, 68, 2708-2716.	2.9	24
15	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
16	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. EBioMedicine, 2016, 7, 191-204.	2.7	24
17	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
18	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

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19	Proliferation of Multiple Cell Types in the Skeletal Muscle Tissue Elicited by Acute p21 Suppression. <i>Molecular Therapy</i> , 2015, 23, 885-895.	3.7	6
20	Src inhibitors modulate frataxin protein levels. <i>Human Molecular Genetics</i> , 2015, 24, 4296-4305.	1.4	12
21	Carbon Monoxide Signaling in Human Red Blood Cells: Evidence for Pentose Phosphate Pathway Activation and Protein Deglutathionylation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 403-416.	2.5	22
22	HIPK2 sustains apoptotic response by phosphorylating Che-1/AATF and promoting its degradation. <i>Cell Death and Disease</i> , 2014, 5, e1414-e1414.	2.7	11
23	Gaucher disease due to saposin C deficiency is an inherited lysosomal disease caused by rapidly degraded mutant proteins. <i>Human Molecular Genetics</i> , 2014, 23, 5814-5826.	1.4	33
24	Robust G2 pausing of adult stem cells in Hydra. <i>Differentiation</i> , 2014, 87, 83-99.	1.0	36
25	Megalencephalic leukoencephalopathy with subcortical cysts protein-1 modulates endosomal pH and protein trafficking in astrocytes: Relevance to MLC disease pathogenesis. <i>Neurobiology of Disease</i> , 2014, 66, 1-18.	2.1	20
26	The nebulin SH3 domain is dispensable for normal skeletal muscle structure but is required for effective active load bearing in mouse. <i>Development (Cambridge)</i> , 2014, 141, e108-e108.	1.2	0
27	The WRN and MUS81 proteins limit cell death and genome instability following oncogene activation. <i>Oncogene</i> , 2013, 32, 610-620.	2.6	40
28	The nebulin SH3 domain is dispensable for normal skeletal muscle structure but is required for effective active load bearing in mouse. <i>Journal of Cell Science</i> , 2013, 126, 5477-89.	1.2	31
29	Genotype-phenotype analysis of S326C OGG1 polymorphism: a risk factor for oxidative pathologies. <i>Free Radical Biology and Medicine</i> , 2013, 63, 401-409.	1.3	28
30	HIPK2 catalytic activity and subcellular localization are regulated by activation-loop Y354 autophosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1443-1453.	1.9	47
31	Phosphorylation and nitration of tyrosine residues affect functional properties of Synaptophysin and Dynamin I, two proteins involved in exo-endocytosis of synaptic vesicles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 110-121.	1.9	32
32	Levels matter. <i>Cell Cycle</i> , 2013, 12, 3715-3715.	1.3	3
33	Cytogenetic analysis of human cells reveals specific patterns of DNA damage in replicative and oncogene-induced senescence. <i>Aging Cell</i> , 2013, 12, 312-315.	3.0	8
34	Prolonged lifespan with enhanced exploratory behavior in mice overexpressing the oxidized nucleoside triphosphatase hMTH1. <i>Aging Cell</i> , 2013, 12, 695-705.	3.0	35
35	Streptococcal vimentin cross-reactive antibodies induce microvascular cardiac endothelial proinflammatory phenotype in rheumatic heart disease. <i>Clinical and Experimental Immunology</i> , 2013, 173, 419-429.	1.1	25
36	Increased levels of acute-phase inflammatory proteins in plasma of patients with sporadic CJD. <i>Neurology</i> , 2012, 79, 1012-1018.	1.5	7

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37	DNA damage response by single-strand breaks in terminally differentiated muscle cells and the control of muscle integrity. <i>Cell Death and Differentiation</i> , 2012, 19, 1741-1749.	5.0	37
38	Phosphorylation of SRSF1 is modulated by replicational stress. <i>Nucleic Acids Research</i> , 2012, 40, 1106-1117.	6.5	31
39	Differentiation-associated microRNAs antagonize the Rb-E2F pathway to restrict proliferation. <i>Journal of Cell Biology</i> , 2012, 199, 77-95.	2.3	39
40	Phosphorylation on threonine 11 of α -dystrobrevin alters its interaction with kinesin heavy chain. <i>FEBS Journal</i> , 2012, 279, 4131-4144.	2.2	5
41	Interaction Network of the 14-3-3 Protein in the Ancient Protozoan Parasite <i>Giardia duodenalis</i> . <i>Journal of Proteome Research</i> , 2012, 11, 2666-2683.	1.8	40
42	Hydra, a versatile model to study the homeostatic and developmental functions of cell death. <i>International Journal of Developmental Biology</i> , 2012, 56, 593-604.	0.3	27
43	An insight into the abundant proteome of 46BR.1G1 fibroblasts deficient of DNA ligase I. <i>Electrophoresis</i> , 2012, 33, 307-315.	1.3	3
44	Efficient one-step chromatographic purification and functional characterization of recombinant human Saposin C. <i>Protein Expression and Purification</i> , 2011, 78, 209-215.	0.6	2
45	Synchronous protein cycling in batch cultures of the yeast <i>Saccharomyces cerevisiae</i> at log growth phase. <i>Experimental Cell Research</i> , 2011, 317, 2958-2968.	1.2	2
46	<i>Giardia Duodenalis</i> 14-3-3 Protein Is Polyglycylated by a Tubulin Tyrosine Ligase-like Member and Deglycylated by Two Metalloproteases. <i>Journal of Biological Chemistry</i> , 2011, 286, 4471-4484.	1.6	17
47	Knockdown of Cyclin-dependent Kinase Inhibitors Induces Cardiomyocyte Re-entry in the Cell Cycle. <i>Journal of Biological Chemistry</i> , 2011, 286, 8644-8654.	1.6	79
48	MLC1 trafficking and membrane expression in astrocytes: Role of caveolin-1 and phosphorylation. <i>Neurobiology of Disease</i> , 2010, 37, 581-595.	2.1	30
49	Involvement of 14-3-3 protein post-translational modifications in <i>Giardia duodenalis</i> encystation. <i>International Journal for Parasitology</i> , 2010, 40, 201-213.	1.3	19
50	Induction of myogenic differentiation by SDF-1 via CXCR4 and CXCR7 receptors. <i>Muscle and Nerve</i> , 2010, 41, 828-835.	1.0	40
51	DNA Replication Is Intrinsically Hindered in Terminally Differentiated Myotubes. <i>PLoS ONE</i> , 2010, 5, e11559.	1.1	20
52	A simple and effective method to analyze membrane proteins by SDS-PAGE and MALDI mass spectrometry. <i>Anticancer Research</i> , 2010, 30, 1121-9.	0.5	24
53	Peroxynitrite induces tyrosine residue modifications in synaptophysin C-terminal domain, affecting its interaction with <i>src</i> . <i>Journal of Neurochemistry</i> , 2009, 111, 859-869.	2.1	15
54	Molecular and Cellular Basis of Regeneration and Tissue Repair. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 8-15.	2.4	25

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55	Formation of an adduct by clenbuterol, a β_2 -adrenoceptor agonist drug, and serum albumin in human saliva at the acidic pH of the stomach: Evidence for an aryl radical-based process. <i>Free Radical Biology and Medicine</i> , 2008, 45, 124-135.	1.3	7
56	A Role for Oxidized DNA Precursors in Huntington's Diseaseâ€œLike Striatal Neurodegeneration. <i>PLoS Genetics</i> , 2008, 4, e1000266.	1.5	53
57	Terminally differentiated muscle cells are defective in base excision DNA repair and hypersensitive to oxygen injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17010-17015.	3.3	106
58	Non-Proliferation as an Active State: Conceptual and Practical Implications. <i>Cell Cycle</i> , 2007, 6, 1414-1417.	1.3	8
59	Critical requirement for cell cycle inhibitors in sustaining nonproliferative states. <i>Journal of Cell Biology</i> , 2007, 176, 807-818.	2.3	73
60	Gene expression waves. <i>FEBS Journal</i> , 2007, 274, 2878-2886.	2.2	38
61	New functions of XPC in the protection of human skin cells from oxidative damage. <i>EMBO Journal</i> , 2006, 25, 4305-4315.	3.5	227
62	Identification of a molecular signature for leukemic promyelocytes and their normal counterparts: focus on DNA repair genes. <i>Leukemia</i> , 2006, 20, 1978-1988.	3.3	31
63	Che-1 phosphorylation by ATM/ATR and Chk2 kinases activates p53 transcription and the G2/M checkpoint. <i>Cancer Cell</i> , 2006, 10, 473-486.	7.7	106
64	The <i>Giardia duodenalis</i> 14-3-3 Protein Is Post-translationally Modified by Phosphorylation and Polyglycylation of the C-terminal Tail. <i>Journal of Biological Chemistry</i> , 2006, 281, 5137-5148.	1.6	44
65	pRb in the Differentiation of Normal and Neoplastic Cells. , 2006, , 11-19.		1
66	The accumulation of MMS-induced single strand breaks in G1 phase is recombinogenic in DNA polymerase β defective mammalian cells. <i>Nucleic Acids Research</i> , 2005, 33, 280-288.	6.5	63
67	A cancer-specific transcriptional signature in human neoplasia. <i>Journal of Clinical Investigation</i> , 2005, 115, 3015-3025.	3.9	14
68	Mass spectrometry for protein identification and the study of post translational modifications. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2005, 41, 443-50.	0.2	10
69	A pRb-independent mechanism preserves the postmitotic state in terminally differentiated skeletal muscle cells. <i>Journal of Cell Biology</i> , 2004, 167, 417-423.	2.3	68
70	Regulation of Cyclin E Protein Levels through E2F-Mediated Inhibition of Degradation. <i>Cell Cycle</i> , 2004, 3, 1572-1578.	1.3	12
71	p53 can inhibit cell proliferation through caspase-mediated cleavage of ERK2/MAPK. <i>Cell Death and Differentiation</i> , 2004, 11, 596-607.	5.0	40
72	Wild-type p53 gene transfer is not detrimental to normal cells in vivo: implications for tumor gene therapy. <i>Oncogene</i> , 2004, 23, 418-425.	2.6	29

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73	Discrimination of single amino acid mutations of the p53 protein by means of deterministic singularities of recurrence quantification analysis. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 55, 743-755.	1.5	15
74	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. <i>Oncogene</i> , 2003, 22, 2110-2120.	2.6	93
75	HPV E7 expression in skeletal muscle cells distinguishes initiation of the postmitotic state from its maintenance. <i>Oncogene</i> , 2003, 22, 4027-4034.	2.6	13
76	Np95 is regulated by E1A during mitotic reactivation of terminally differentiated cells and is essential for S phase entry. <i>Journal of Cell Biology</i> , 2002, 157, 909-914.	2.3	86
77	Human MRE11 is inactivated in mismatch repair-deficient cancers. <i>EMBO Reports</i> , 2002, 3, 248-254.	2.0	169
78	The Mammalian Mismatch Repair Pathway Removes DNA 8-oxodGMP Incorporated from the Oxidized dNTP Pool. <i>Current Biology</i> , 2002, 12, 912-918.	1.8	212
79	The main biological determinants of tumor line taxonomy elucidated by a principal component analysis of microarray data. <i>FEBS Letters</i> , 2001, 507, 114-118.	1.3	65
80	Reconstitution of Cyclin D1-Associated Kinase Activity Drives Terminally Differentiated Cells into the Cell Cycle. <i>Molecular and Cellular Biology</i> , 2001, 21, 5631-5643.	1.1	84
81	1,2-Dimethylhydrazine-Induced Colon Carcinoma and Lymphoma in <i>msh2</i> ^{-/-} Mice. <i>Journal of the National Cancer Institute</i> , 2001, 93, 1534-1540.	3.0	45
82	Exogenous wt-p53 protein is active in transformed cells but not in their non-transformed counterparts: implications for cancer gene therapy without tumor targeting. <i>Journal of Gene Medicine</i> , 2000, 2, 11-21.	1.4	27
83	Sensitivity to DNA cross-linking chemotherapeutic agents in mismatch repair-defective cells in vitro and in xenografts. , 2000, 85, 590-596.		48
84	Long-term fate of terminally differentiated skeletal muscle cells following E1A-initiated cell cycle reactivation. <i>Cell Death and Differentiation</i> , 2000, 7, 145-154.	5.0	17
85	Inhibition of ErbB-2 Mitogenic and Transforming Activity by RALT, a Mitogen-Induced Signal Transducer Which Binds to the ErbB-2 Kinase Domain. <i>Molecular and Cellular Biology</i> , 2000, 20, 7735-7750.	1.1	134
86	Effects of Exogenous p53 Transduction in Thyroid Tumor Cells with Different p53 Status. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 302-308.	1.8	19
87	Mismatch repair, G2/M cell cycle arrest and lethality after DNA damage. <i>Carcinogenesis</i> , 1999, 20, 2317-2326.	1.3	62
88	E2F activates late-G1 events but cannot replace E1A in inducing S phase in terminally differentiated skeletal muscle cells. <i>Oncogene</i> , 1999, 18, 5054-5062.	2.6	21
89	Wt-p53 action in human leukaemia cell lines corresponding to different stages of differentiation. <i>British Journal of Cancer</i> , 1998, 77, 1429-1438.	2.9	29
90	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.. <i>Journal of Clinical Investigation</i> , 1998, 101, 2119-2128.	3.9	127

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91	$\alpha 6 \beta 2$ and $\alpha 6 \beta 1$ Integrins Associate with ErbB-2 in Human Carcinoma Cell Lines. Experimental Cell Research, 1997, 236, 76-85.	1.2	201
92	Expression of exogenous wt-p53 does not affect normal hematopoiesis: implications for bone marrow purging. Gene Therapy, 1997, 4, 1371-1378.	2.3	21
93	p53 re-expression inhibits proliferation and restores differentiation of human thyroid anaplastic carcinoma cells. Oncogene, 1997, 14, 729-740.	2.6	141
94	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
95	The $\beta 4$ Integrin Subunit Is Expressed in Mouse Fibroblasts and Modulated by Transforming Growth Factor- $\beta 1$. Experimental Cell Research, 1996, 227, 223-229.	1.2	10
96	Expression of E1A in Terminally Differentiated Muscle Cells Reactivates the Cell Cycle and Suppresses Tissue-Specific Genes by Separable Mechanisms. Molecular and Cellular Biology, 1996, 16, 5302-5312.	1.1	71
97	Wild-Type p53 Induces Diverse Effects in 32D Cells Expressing Different Oncogenes. Molecular and Cellular Biology, 1996, 16, 487-495.	1.1	32
98	Interference with p53 protein inhibits hematopoietic and muscle differentiation.. Journal of Cell Biology, 1996, 134, 193-204.	2.3	118
99	Mitotic cycle reactivation in terminally differentiated cells by adenovirus infection. Journal of Cellular Physiology, 1995, 162, 26-35.	2.0	61
100	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
101	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
102	Antigenic Expression of B-Cell Chronic Lymphocytic Leukemic Cell Lines. Leukemia and Lymphoma, 1992, 7, 497-504.	0.6	5
103	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
104	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
105	B-CELL LYMPHOMA: t(14;18) CHROMOSOME REARRANGEMENT. , 1990, , 392-398.		2
106	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
107	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
108	Phenotypically immature IgG-bearing B cells in patients with hypogammaglobulinemia. Journal of Clinical Immunology, 1986, 6, 21-25.	2.0	19

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109	Variant of ataxia-telangiectasia with low-level radiosensitivity. Human Genetics, 1985, 70, 274-7.	1.8	55