Marco Crescenzi

List of Publications by Year in Descending Order

109 papers	4,215 citations	35 h-index	61 g-index
109 ext. papers	4,530 ext. citations	7.4 avg, IF	4.64 L-index

#	Paper	IF	Citations
109	First detection of SARS-CoV-2 lineage A.27 in Sardinia, Italy.. *Annali DelljIstituto Superiore Di Sanita*, **2022**, 58, 1-5	1.6	
108	Restoring the Cell Cycle and Proliferation Competence in Terminally Differentiated Skeletal Muscle Myotubes. *Cells*, **2021**, 10,	7.9	2
107	Structural basis of ubiquitination mediated by protein splicing in early Eukarya. *Biochimica Et Biophysica Acta - General Subjects*, **2021**, 1865, 129844	4	2
106	The Amyloid Aggregation Study on Board the International Space Station, an Update. *Aerotecnica Missili & Spazio*, **2020**, 99, 141-148	0.4	
105	Type E Botulinum Neurotoxin-Producing Clostridium butyricum Strains Are Aerotolerant during Vegetative Growth. *MSystems*, **2019**, 4,	7.6	3
104	HIPK2 Phosphorylates the Microtubule-Severing Enzyme Spastin at S268 for Abscission. *Cells*, **2019**, 8,	7.9	12
103	HIPK2 and extrachromosomal histone H2B are separately recruited by Aurora-B for cytokinesis. *Oncogene*, **2018**, 37, 3562-3574	9.2	6
102	Separase prevents genomic instability by controlling replication fork speed. *Nucleic Acids Research*, **2018**, 46, 267-278	20.1	18
101	The enzymatic processing of □dystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site. *PLoS ONE*, **2018**, 13, e0192651	3.7	2
100	Trends in tissue repair and regeneration. *Development (Cambridge)*, **2017**, 144, 357-364	6.6	41
99	A defective dNTP pool hinders DNA replication in cell cycle-reactivated terminally differentiated muscle cells. *Cell Death and Differentiation*, **2017**, 24, 774-784	12.7	10
98	MetaShot: an accurate workflow for taxon classification of host-associated microbiome from shotgun metagenomic data. *Bioinformatics*, **2017**, 33, 1730-1732	7.2	9
97	Estrogens enhance myoblast differentiation in facioscapulohumeral muscular dystrophy by antagonizing DUX4 activity. *Journal of Clinical Investigation*, **2017**, 127, 1531-1545	15.9	31
96	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. *EBioMedicine*, **2016**, 7, 191-204	8.8	14
95	Mass spectrometry detection of fraudulent use of cow whey in water buffalo, sheep, or goat Italian ricotta cheese. *Food Chemistry*, **2016**, 197 Pt B, 1240-8	8.5	19
94	Anti-GAPDH Autoantibodies as a Pathogenic Determinant and Potential Biomarker of Neuropsychiatric Diseases. *Arthritis and Rheumatology*, **2016**, 68, 2708-2716	9.5	17
93	The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence. *Open Biology*, **2016**, 6,	7	18

92	Proliferation of Multiple Cell Types in the Skeletal Muscle Tissue Elicited by Acute p21 Suppression. *Molecular Therapy*, **2015**, 23, 885-895	11.7	5
91	Src inhibitors modulate frataxin protein levels. *Human Molecular Genetics*, **2015**, 24, 4296-305	5.6	9
90	Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. *Journal of Autoimmunity*, **2015**, 58, 78-89	15.5	14
89	HIPK2 sustains apoptotic response by phosphorylating Che-1/AATF and promoting its degradation. *Cell Death and Disease*, **2014**, 5, e1414	9.8	11
88	Gaucher disease due to saposin C deficiency is an inherited lysosomal disease caused by rapidly degraded mutant proteins. *Human Molecular Genetics*, **2014**, 23, 5814-26	5.6	24
87	Robust G2 pausing of adult stem cells in Hydra. *Differentiation*, **2014**, 87, 83-99	3.5	31
86	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	7.5	18
85	Carbon monoxide signaling in human red blood cells: evidence for pentose phosphate pathway activation and protein deglutathionylation. *Antioxidants and Redox Signaling*, **2014**, 20, 403-16	8.4	16
84	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	6.6	
83	The WRN and MUS81 proteins limit cell death and genome instability following oncogene activation. *Oncogene*, **2013**, 32, 610-20	9.2	36
82	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	5.3	28
81	Genotype-phenotype analysis of S326C OGG1 polymorphism: a risk factor for oxidative pathologies. *Free Radical Biology and Medicine*, **2013**, 63, 401-9	7.8	23
80	HIPK2 catalytic activity and subcellular localization are regulated by activation-loop Y354 autophosphorylation. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2013**, 1833, 1443-53	4.9	40
79	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, 110-21	4.9	26
78	Levels matter: miR-206 and cyclin D1. *Cell Cycle*, **2013**, 12, 3715	4.7	3
77	Cytogenetic analysis of human cells reveals specific patterns of DNA damage in replicative and oncogene-induced senescence. *Aging Cell*, **2013**, 12, 312-5	9.9	8
76	Prolonged lifespan with enhanced exploratory behavior in mice overexpressing the oxidized nucleoside triphosphatase hMTH1. *Aging Cell*, **2013**, 12, 695-705	9.9	27
75	Streptococcal-vimentin cross-reactive antibodies induce microvascular cardiac endothelial proinflammatory phenotype in rheumatic heart disease. *Clinical and Experimental Immunology*, **2013**, 173, 419-29	6.2	18

74	An insight into the abundant proteome of 46BR.1G1 fibroblasts deficient of DNA ligase I. *Electrophoresis*, **2012**, 33, 307-15	3.6	3
73	Differentiation-associated microRNAs antagonize the Rb-E2F pathway to restrict proliferation. *Journal of Cell Biology*, **2012**, 199, 77-95	7.3	36
72	Phosphorylation on threonine 11 of β-dystrobrevin alters its interaction with kinesin heavy chain. *FEBS Journal*, **2012**, 279, 4131-44	5.7	2
71	Interaction network of the 14-3-3 protein in the ancient protozoan parasite Giardia duodenalis. *Journal of Proteome Research*, **2012**, 11, 2666-83	5.6	29
70	Hydra, a versatile model to study the homeostatic and developmental functions of cell death. *International Journal of Developmental Biology*, **2012**, 56, 593-604	1.9	18
69	Increased levels of acute-phase inflammatory proteins in plasma of patients with sporadic CJD. *Neurology*, **2012**, 79, 1012-8	6.5	4
68	DNA damage response by single-strand breaks in terminally differentiated muscle cells and the control of muscle integrity. *Cell Death and Differentiation*, **2012**, 19, 1741-9	12.7	34
67	Phosphorylation of SRSF1 is modulated by replicational stress. *Nucleic Acids Research*, **2012**, 40, 1106-17	20.1	26
66	Efficient one-step chromatographic purification and functional characterization of recombinant human Saposin C. *Protein Expression and Purification*, **2011**, 78, 209-15	2	2
65	Synchronous protein cycling in batch cultures of the yeast Saccharomyces cerevisiae at log growth phase. *Experimental Cell Research*, **2011**, 317, 2958-68	4.2	2
64	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, 4471-84	5.4	15
63	Knockdown of cyclin-dependent kinase inhibitors induces cardiomyocyte re-entry in the cell cycle. *Journal of Biological Chemistry*, **2011**, 286, 8644-8654	5.4	60
62	MLC1 trafficking and membrane expression in astrocytes: role of caveolin-1 and phosphorylation. *Neurobiology of Disease*, **2010**, 37, 581-95	7.5	27
61	Involvement of 14-3-3 protein post-translational modifications in Giardia duodenalis encystation. *International Journal for Parasitology*, **2010**, 40, 201-13	4.3	17
60	Induction of myogenic differentiation by SDF-1 via CXCR4 and CXCR7 receptors. *Muscle and Nerve*, **2010**, 41, 828-35	3.4	33
59	DNA replication is intrinsically hindered in terminally differentiated myotubes. *PLoS ONE*, **2010**, 5, e11559	3.7	17
58	A simple and effective method to analyze membrane proteins by SDS-PAGE and MALDI mass spectrometry. *Anticancer Research*, **2010**, 30, 1121-9	2.3	11
57	Peroxynitrite induces tyrosine residue modifications in synaptophysin C-terminal domain, affecting its interaction with src. *Journal of Neurochemistry*, **2009**, 111, 859-69	6	14

56	Formation of an adduct by clenbuterol, a beta-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, 124-35	7.8	7
55	A role for oxidized DNA precursors in Huntington's disease-like striatal neurodegeneration. *PLoS Genetics*, **2008**, 4, e1000266	6	48
54	The logic and regulation of cell cycle exit and reentry. *Cellular and Molecular Life Sciences*, **2008**, 65, 8-15	10.3	23
53	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, 17010-5	11.5	89
52	Non-Proliferation as an Active State: Conceptual and Practical Implications. *Cell Cycle*, **2007**, 6, 1414-1417	4.7	5
51	Critical requirement for cell cycle inhibitors in sustaining nonproliferative states. *Journal of Cell Biology*, **2007**, 176, 807-18	7.3	63
50	Gene expression waves. Cell cycle independent collective dynamics in cultured cells. *FEBS Journal*, **2007**, 274, 2878-86	5.7	33
49	Che-1 phosphorylation by ATM/ATR and Chk2 kinases activates p53 transcription and the G2/M checkpoint. *Cancer Cell*, **2006**, 10, 473-86	24.3	90
48	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, 5137-48	5.4	40
47	New functions of XPC in the protection of human skin cells from oxidative damage. *EMBO Journal*, **2006**, 25, 4305-15	13	204
46	Identification of a molecular signature for leukemic promyelocytes and their normal counterparts: Focus on DNA repair genes. *Leukemia*, **2006**, 20, 1978-88	10.7	27
45	pRb in the Differentiation of Normal and Neoplastic Cells **2006**, 11-19		1
44	The accumulation of MMS-induced single strand breaks in G1 phase is recombinogenic in DNA polymerase beta defective mammalian cells. *Nucleic Acids Research*, **2005**, 33, 280-8	20.1	56
43	A cancer-specific transcriptional signature in human neoplasia. *Journal of Clinical Investigation*, **2005**, 115, 3015-25	15.9	13
42	Mass spectrometry for protein identification and the study of post translational modifications. *Annali DellIstituto Superiore Di Sanita*, **2005**, 41, 443-50	1.6	10
41	A pRb-independent mechanism preserves the postmitotic state in terminally differentiated skeletal muscle cells. *Journal of Cell Biology*, **2004**, 167, 417-23	7.3	64
40	Regulation of cyclin E protein levels through E2F-mediated inhibition of degradation. *Cell Cycle*, **2004**, 3, 1572-8	4.7	11
39	p53 can inhibit cell proliferation through caspase-mediated cleavage of ERK2/MAPK. *Cell Death and Differentiation*, **2004**, 11, 596-607	12.7	36

38	Wild-type p53 gene transfer is not detrimental to normal cells in vivo: implications for tumor gene therapy. *Oncogene*, **2004**, 23, 418-25	9.2	26
37	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, 743-55	4.2	15
36	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, 2110-20	9.2	81
35	HPV E7 expression in skeletal muscle cells distinguishes initiation of the postmitotic state from its maintenance. *Oncogene*, **2003**, 22, 4027-34	9.2	13
34	The mammalian mismatch repair pathway removes DNA 8-oxodGMP incorporated from the oxidized dNTP pool. *Current Biology*, **2002**, 12, 912-8	6.3	191
33	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, 909-14	7.3	79
32	Human MRE11 is inactivated in mismatch repair-deficient cancers. *EMBO Reports*, **2002**, 3, 248-54	6.5	153
31	Reconstitution of cyclin D1-associated kinase activity drives terminally differentiated cells into the cell cycle. *Molecular and Cellular Biology*, **2001**, 21, 5631-43	4.8	81
30	1,2-Dimethylhydrazine-induced colon carcinoma and lymphoma in msh2(-/-) mice. *Journal of the National Cancer Institute*, **2001**, 93, 1534-40	9.7	42
29	The main biological determinants of tumor line taxonomy elucidated by a principal component analysis of microarray data. *FEBS Letters*, **2001**, 507, 114-8	3.8	53
28	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	3.5	26
27	Sensitivity to DNA cross-linking chemotherapeutic agents in mismatch repair-defective cells in vitro and in xenografts. *International Journal of Cancer*, **2000**, 85, 590-6	7.5	42
26	Long-term fate of terminally differentiated skeletal muscle cells following E1A-initiated cell cycle reactivation. *Cell Death and Differentiation*, **2000**, 7, 145-54	12.7	16
25	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, 7735-50	4.8	126
24	Effects of Exogenous p53 Transduction in Thyroid Tumor Cells with Different p53 Status. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 302-308	5.6	16
23	Mismatch repair, G(2)/M cell cycle arrest and lethality after DNA damage. *Carcinogenesis*, **1999**, 20, 2317-26	4	58
22	E2F activates late-G1 events but cannot replace E1A in inducing S phase in terminally differentiated skeletal muscle cells. *Oncogene*, **1999**, 18, 5054-62	9.2	19
21	Wt-p53 action in human leukaemia cell lines corresponding to different stages of differentiation. *British Journal of Cancer*, **1998**, 77, 1429-38	8.7	28

20	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, 2119-28	15.9	107
19	Alpha 6 beta 4 and alpha 6 beta 1 integrins associate with ErbB-2 in human carcinoma cell lines. *Experimental Cell Research*, **1997**, 236, 76-85	4.2	187
18	Expression of exogenous wt-p53 does not affect normal hematopoiesis: implications for bone marrow purging. *Gene Therapy*, **1997**, 4, 1371-8	4	20
17	p53 re-expression inhibits proliferation and restores differentiation of human thyroid anaplastic carcinoma cells. *Oncogene*, **1997**, 14, 729-40	9.2	113
16	Oncogenes belonging to the CSF-1 transduction pathway direct p53 tumor suppressor effects to monocytic differentiation in 32D cells. *Oncogene*, **1997**, 15, 607-11	9.2	5
15	The beta 4 integrin subunit is expressed in mouse fibroblasts and modulated by transforming growth factor-beta 1. *Experimental Cell Research*, **1996**, 227, 223-9	4.2	10
14	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, 5302-12	4.8	66
13	Wild-type p53 induces diverse effects in 32D cells expressing different oncogenes. *Molecular and Cellular Biology*, **1996**, 16, 487-95	4.8	31
12	Interference with p53 protein inhibits hematopoietic and muscle differentiation. *Journal of Cell Biology*, **1996**, 134, 193-204	7.3	114
11	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	6.5	16
10	Mitotic cycle reactivation in terminally differentiated cells by adenovirus infection. *Journal of Cellular Physiology*, **1995**, 162, 26-35	7	56
9	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, 1137-45	7.3	46
8	Antigenic expression of B-cell chronic lymphocytic leukemic cell lines. *Leukemia and Lymphoma*, **1992**, 7, 497-504	1.9	5
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, 5167-71	11.5	147
6	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, 8442-6	11.5	177
5	B-CELL LYMPHOMA: t(14;18) CHROMOSOME REARRANGEMENT **1990**, 392-398		1
4	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, 4869-73	11.5	267
3	Phenotypically immature IgG-bearing B cells in patients with hypogammaglobulinemia. *Journal of Clinical Immunology*, **1986**, 6, 21-5	5.7	15

2	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, 256-64		10
1	Variant of ataxia-telangiectasia with low-level radiosensitivity. *Human Genetics*, **1985**, 70, 274-7	6.3	46