

Gennaro Melino

List of Publications by Citations

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321
papers

28,335
citations

78
h-index

162
g-index

342
ext. papers

33,150
ext. citations

8.5
avg, IF

7.03
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 321 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222 | 10.2 | 3838 |
| 320 | Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541 | 12.7 | 2160 |
| 319 | The cornified envelope: a model of cell death in the skin. <i>Nature Reviews Molecular Cell Biology</i> , 2005 , 6, 328-40 | 48.7 | 1213 |
| 318 | The tyrosine kinase c-Abl regulates p73 in apoptotic response to cisplatin-induced DNA damage. <i>Nature</i> , 1999 , 399, 806-9 | 50.4 | 807 |
| 317 | Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73 | 12.7 | 643 |
| 316 | Serine and glycine metabolism in cancer. <i>Trends in Biochemical Sciences</i> , 2014 , 39, 191-8 | 10.3 | 539 |
| 315 | p73: Friend or foe in tumorigenesis. <i>Nature Reviews Cancer</i> , 2002 , 2, 605-15 | 31.3 | 479 |
| 314 | The hypoxic tumour microenvironment. <i>Oncogenesis</i> , 2018 , 7, 10 | 6.6 | 440 |
| 313 | S-nitrosylation regulates apoptosis. <i>Nature</i> , 1997 , 388, 432-3 | 50.4 | 408 |
| 312 | The HECT family of E3 ubiquitin ligases: multiple players in cancer development. <i>Cancer Cell</i> , 2008 , 14, 10-21 | 24.3 | 399 |
| 311 | The p53/p63/p73 family of transcription factors: overlapping and distinct functions. <i>Journal of Cell Science</i> , 2000 , 113, 1661-1670 | 5.3 | 373 |
| 310 | Two new p73 splice variants, gamma and delta, with different transcriptional activity. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1763-8 | 16.6 | 345 |
| 309 | TAp73 knockout shows genomic instability with infertility and tumor suppressor functions. <i>Genes and Development</i> , 2008 , 22, 2677-91 | 12.6 | 330 |
| 308 | miR-203 represses Stemness by repressing DeltaNp63. <i>Cell Death and Differentiation</i> , 2008 , 15, 1187-95 | 12.7 | 321 |
| 307 | Human delta Np73 regulates a dominant negative feedback loop for TAp73 and p53. <i>Cell Death and Differentiation</i> , 2001 , 8, 1213-23 | 12.7 | 303 |
| 306 | p73 Induces apoptosis via PUMA transactivation and Bax mitochondrial translocation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 8076-83 | 5.4 | 284 |
| 305 | The ubiquitin-protein ligase Itch regulates p73 stability. <i>EMBO Journal</i> , 2005 , 24, 836-48 | 13 | 263 |

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| 304 | Inhibition of the c-Abl-TAp63 pathway protects mouse oocytes from chemotherapy-induced death. <i>Nature Medicine</i> , 2009 , 15, 1179-85 | 50.5 | 256 |
| 303 | Zinc-finger proteins in health and disease. <i>Cell Death Discovery</i> , 2017 , 3, 17071 | 6.9 | 254 |
| 302 | Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells. <i>Molecular and Cellular Biology</i> , 1994 , 14, 6584-96 | 4.8 | 253 |
| 301 | Functional regulation of p73 and p63: development and cancer. <i>Trends in Biochemical Sciences</i> , 2003 , 28, 663-70 | 10.3 | 244 |
| 300 | The adenine nucleotide translocator: a target of nitric oxide, peroxynitrite, and 4-hydroxynonenal. <i>Oncogene</i> , 2001 , 20, 4305-16 | 9.2 | 232 |
| 299 | p63 and p73, the ancestors of p53. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a004887 | 10.2 | 229 |
| 298 | Differential roles of p63 isoforms in epidermal development: selective genetic complementation in p63 null mice. <i>Cell Death and Differentiation</i> , 2006 , 13, 1037-47 | 12.7 | 220 |
| 297 | Loss of p63 and its microRNA-205 target results in enhanced cell migration and metastasis in prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15312-7 | 11.5 | 219 |
| 296 | The E3 ubiquitin ligase Itch controls the protein stability of p63. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12753-8 | 11.5 | 190 |
| 295 | MiR-203 controls proliferation, migration and invasive potential of prostate cancer cell lines. <i>Cell Cycle</i> , 2011 , 10, 1121-31 | 4.7 | 185 |
| 294 | The p53 family: guardians of maternal reproduction. <i>Nature Reviews Molecular Cell Biology</i> , 2011 , 12, 259-65 | 48.7 | 180 |
| 293 | Isoform-specific p73 knockout mice reveal a novel role for delta Np73 in the DNA damage response pathway. <i>Genes and Development</i> , 2010 , 24, 549-60 | 12.6 | 166 |
| 292 | p63 is a suppressor of tumorigenesis and metastasis interacting with mutant p53. <i>Cell Death and Differentiation</i> , 2011 , 18, 1487-99 | 12.7 | 163 |
| 291 | The p53/p63/p73 family of transcription factors: overlapping and distinct functions. <i>Journal of Cell Science</i> , 2000 , 113 (Pt 10), 1661-70 | 5.3 | 158 |
| 290 | microRNA-34a regulates neurite outgrowth, spinal morphology, and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 21099-104 | 11.5 | 152 |
| 289 | TAp63 and DeltaNp63 in cancer and epidermal development. <i>Cell Cycle</i> , 2007 , 6, 274-85 | 4.7 | 151 |
| 288 | Neuronal differentiation by TAp73 is mediated by microRNA-34a regulation of synaptic protein targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 21093-8 | 11.5 | 150 |
| 287 | Induction of neuronal differentiation by p73 in a neuroblastoma cell line. <i>Journal of Biological Chemistry</i> , 2000 , 275, 15226-31 | 5.4 | 143 |

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| 286 | p63-microRNA feedback in keratinocyte senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1133-8 | 11.5 | 142 |
| 285 | Metabolic reprogramming during neuronal differentiation. <i>Cell Death and Differentiation</i> , 2016 , 23, 1502-14 | 11.7 | 139 |
| 284 | Arterial ageing: from endothelial dysfunction to vascular calcification. <i>Journal of Internal Medicine</i> , 2017 , 281, 471-482 | 10.8 | 133 |
| 283 | Tissue Transglutaminase in cell death: a downstream or a multifunctional upstream effector?. <i>FEBS Letters</i> , 1998 , 430, 59-63 | 3.8 | 132 |
| 282 | p63, a story of mice and men. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 1196-207 | 4.3 | 126 |
| 281 | Itch: a HECT-type E3 ligase regulating immunity, skin and cancer. <i>Cell Death and Differentiation</i> , 2008 , 15, 1103-12 | 12.7 | 125 |
| 280 | DeltaNp63 regulates thymic development through enhanced expression of FgfR2 and Jag2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11999-2004 | 11.5 | 122 |
| 279 | Mutant IDH1 Downregulates ATM and Alters DNA Repair and Sensitivity to DNA Damage Independent of TET2. <i>Cancer Cell</i> , 2016 , 30, 337-348 | 24.3 | 121 |
| 278 | Tissue transglutaminase contributes to interstitial renal fibrosis by favoring accumulation of fibrillar collagen through TGF-beta activation and cell infiltration. <i>American Journal of Pathology</i> , 2008 , 173, 631-42 | 5.8 | 117 |
| 277 | p63 Sustains self-renewal of mammary cancer stem cells through regulation of Sonic Hedgehog signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3499-504 | 11.5 | 115 |
| 276 | p53 is upregulated in Alzheimer's disease and induces tau phosphorylation in HEK293a cells. <i>Neuroscience Letters</i> , 2007 , 418, 34-7 | 3.3 | 115 |
| 275 | HUWE1 E3 ligase promotes PINK1/PARKIN-independent mitophagy by regulating AMBRA1 activation via IKK. <i>Nature Communications</i> , 2018 , 9, 3755 | 17.4 | 115 |
| 274 | Negative regulation of the Hippo pathway by E3 ubiquitin ligase ITCH is sufficient to promote tumorigenicity. <i>Cancer Research</i> , 2011 , 71, 2010-20 | 10.1 | 109 |
| 273 | miR-7 and miR-214 are specifically expressed during neuroblastoma differentiation, cortical development and embryonic stem cells differentiation, and control neurite outgrowth in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 394, 921-7 | 3.4 | 107 |
| 272 | A homozygous missense mutation in TGM5 abolishes epidermal transglutaminase 5 activity and causes acral peeling skin syndrome. <i>American Journal of Human Genetics</i> , 2005 , 77, 909-17 | 11 | 105 |
| 271 | TAp73 regulates the spindle assembly checkpoint by modulating BubR1 activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 797-802 | 11.5 | 103 |
| 270 | TAp73 depletion accelerates aging through metabolic dysregulation. <i>Genes and Development</i> , 2012 , 26, 2009-14 | 12.6 | 103 |
| 269 | Δp63 is an ectodermal gatekeeper of epidermal morphogenesis. <i>Cell Death and Differentiation</i> , 2011 , 18, 887-96 | 12.7 | 102 |

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| 268 | Phenotype-specific "tissue" transglutaminase regulation in human neuroblastoma cells in response to retinoic acid: correlation with cell death by apoptosis. <i>International Journal of Cancer</i> , 1992 , 52, 271-8 | 7.5 | 102 |
| 267 | Matrix changes induced by transglutaminase 2 lead to inhibition of angiogenesis and tumor growth. <i>Cell Death and Differentiation</i> , 2006 , 13, 1442-53 | 12.7 | 101 |
| 266 | Role of transglutaminase 2 in glucose tolerance: knockout mice studies and a putative mutation in a MODY patient. <i>FASEB Journal</i> , 2002 , 16, 1371-8 | 0.9 | 99 |
| 265 | The p53 family and the hypoxia-inducible factors (HIFs): determinants of cancer progression. <i>Trends in Biochemical Sciences</i> , 2015 , 40, 425-34 | 10.3 | 98 |
| 264 | Ubiquitin-dependent degradation of p73 is inhibited by PML. <i>Journal of Experimental Medicine</i> , 2004 , 199, 1545-57 | 16.6 | 98 |
| 263 | Tissue transglutaminase does not affect fibrotic matrix stability or regression of liver fibrosis in mice. <i>Gastroenterology</i> , 2011 , 140, 1642-52 | 13.3 | 97 |
| 262 | p63 in epithelial development. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 3126-33 | 10.3 | 96 |
| 261 | p63 is upstream of IKK alpha in epidermal development. <i>Journal of Cell Science</i> , 2006 , 119, 4617-22 | 5.3 | 96 |
| 260 | gp120 induces cell death in human neuroblastoma cells through the CXCR4 and CCR5 chemokine receptors. <i>Journal of Neurochemistry</i> , 2000 , 74, 2373-9 | 6 | 96 |
| 259 | FLASH is required for histone transcription and S-phase progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14808-12 | 11.5 | 95 |
| 258 | Mule/Huwe1/Arf-BP1 suppresses Ras-driven tumorigenesis by preventing c-Myc/Miz1-mediated down-regulation of p21 and p15. <i>Genes and Development</i> , 2013 , 27, 1101-14 | 12.6 | 93 |
| 257 | Desmethylclomipramine induces the accumulation of autophagy markers by blocking autophagic flux. <i>Journal of Cell Science</i> , 2009 , 122, 3330-9 | 5.3 | 91 |
| 256 | Structure, function and regulation of p63 and p73. <i>Cell Death and Differentiation</i> , 1999 , 6, 1146-53 | 12.7 | 91 |
| 255 | How the TP53 family proteins TP63 and TP73 contribute to tumorigenesis: regulators and effectors. <i>Human Mutation</i> , 2014 , 35, 702-14 | 4.7 | 90 |
| 254 | Transglutaminase-dependent RhoA activation and depletion by serotonin in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 2918-28 | 5.4 | 89 |
| 253 | Identification of tissue transglutaminase binding proteins in neural cells committed to apoptosis. <i>FASEB Journal</i> , 1999 , 13, 355-64 | 0.9 | 89 |
| 252 | Evolution of functions within the p53/p63/p73 family. <i>Annals of the New York Academy of Sciences</i> , 2000 , 926, 90-100 | 6.5 | 87 |
| 251 | Roles for p53 and p73 during oligodendrocyte development. <i>Development (Cambridge)</i> , 2004 , 131, 1211-20 | 6.0 | 87 |

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| 250 | The common Arg972 polymorphism in insulin receptor substrate-1 causes apoptosis of human pancreatic islets. <i>FASEB Journal</i> , 2001 , 15, 22-24 | 0.9 | 83 |
| 249 | Effector mechanisms of fenretinide-induced apoptosis in neuroblastoma. <i>Experimental Cell Research</i> , 2000 , 260, 50-60 | 4.2 | 83 |
| 248 | High throughput screening for inhibitors of the HECT ubiquitin E3 ligase ITCH identifies antidepressant drugs as regulators of autophagy. <i>Cell Death and Disease</i> , 2014 , 5, e1203 | 9.8 | 80 |
| 247 | TAp73 opposes tumor angiogenesis by promoting hypoxia-inducible factor 1 β degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 226-31 | 11.5 | 79 |
| 246 | Isoform-specific monoubiquitination, endocytosis, and degradation of alternatively spliced ErbB4 isoforms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 4162-7 | 11.5 | 79 |
| 245 | p73 regulates serine biosynthesis in cancer. <i>Oncogene</i> , 2014 , 33, 5039-46 | 9.2 | 78 |
| 244 | miR-24 triggers epidermal differentiation by controlling actin adhesion and cell migration. <i>Journal of Cell Biology</i> , 2012 , 199, 347-63 | 7.3 | 77 |
| 243 | Maintaining epithelial stemness with p63. <i>Science Signaling</i> , 2015 , 8, re9 | 8.8 | 76 |
| 242 | Transglutaminase 5 cross-links loricrin, involucrin, and small proline-rich proteins in vitro. <i>Journal of Biological Chemistry</i> , 2001 , 276, 35014-23 | 5.4 | 75 |
| 241 | MicroRNA-203 contributes to skin re-epithelialization. <i>Cell Death and Disease</i> , 2012 , 3, e435 | 9.8 | 74 |
| 240 | Stearoyl-CoA-desaturase 1 regulates lung cancer stemness via stabilization and nuclear localization of YAP/TAZ. <i>Oncogene</i> , 2017 , 36, 4573-4584 | 9.2 | 73 |
| 239 | Screening for E3-ubiquitin ligase inhibitors: challenges and opportunities. <i>Oncotarget</i> , 2014 , 5, 7988-8013 | 3.3 | 73 |
| 238 | TAp73 is required for spermatogenesis and the maintenance of male fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1843-8 | 11.5 | 73 |
| 237 | p53 mutants cooperate with HIF-1 in transcriptional regulation of extracellular matrix components to promote tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10869-E10878 | 11.5 | 73 |
| 236 | DNA repair and aging: the impact of the p53 family. <i>Aging</i> , 2015 , 7, 1050-65 | 5.6 | 70 |
| 235 | Cell death pathology: cross-talk with autophagy and its clinical implications. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 414, 277-81 | 3.4 | 68 |
| 234 | Chemotherapy-induced apoptosis in hepatocellular carcinoma involves the p53 family and is mediated via the extrinsic and the intrinsic pathway. <i>International Journal of Cancer</i> , 2010 , 126, 2049-66 | 7.5 | 68 |
| 233 | Characterization of keratinocyte differentiation induced by ascorbic acid: protein kinase C involvement and vitamin C homeostasis. <i>Journal of Investigative Dermatology</i> , 2002 , 118, 372-9 | 4.3 | 68 |

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| 232 | Differential control of TAp73 and DeltaNp73 protein stability by the ring finger ubiquitin ligase PIR2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12877-82 | 11.5 | 67 |
| 231 | Lysine-specific modifications of p53: a matter of life and death?. <i>Oncotarget</i> , 2013 , 4, 1556-71 | 3.3 | 67 |
| 230 | p63 regulates glutaminase 2 expression. <i>Cell Cycle</i> , 2013 , 12, 1395-405 | 4.7 | 66 |
| 229 | Nitric oxide can inhibit apoptosis or switch it into necrosis. <i>Cellular and Molecular Life Sciences</i> , 2000 , 57, 612-22 | 10.3 | 66 |
| 228 | GLS2 is transcriptionally regulated by p73 and contributes to neuronal differentiation. <i>Cell Cycle</i> , 2013 , 12, 3564-73 | 4.7 | 65 |
| 227 | Vascular ageing and endothelial cell senescence: Molecular mechanisms of physiology and diseases. <i>Mechanisms of Ageing and Development</i> , 2016 , 159, 14-21 | 5.6 | 65 |
| 226 | DRUGSURV: a resource for repositioning of approved and experimental drugs in oncology based on patient survival information. <i>Cell Death and Disease</i> , 2014 , 5, e1051 | 9.8 | 64 |
| 225 | miR-16 and miR-26a target checkpoint kinases Wee1 and Chk1 in response to p53 activation by genotoxic stress. <i>Cell Death and Disease</i> , 2013 , 4, e953 | 9.8 | 64 |
| 224 | Multiple cell cycle access to the apoptotic death programme in human neuroblastoma cells. <i>FEBS Letters</i> , 1993 , 320, 150-4 | 3.8 | 64 |
| 223 | Blockade of Stearoyl-CoA-desaturase 1 activity reverts resistance to cisplatin in lung cancer stem cells. <i>Cancer Letters</i> , 2017 , 406, 93-104 | 9.9 | 63 |
| 222 | Transglutaminase 2 kinase activity facilitates protein kinase A-induced phosphorylation of retinoblastoma protein. <i>Journal of Biological Chemistry</i> , 2007 , 282, 18108-18115 | 5.4 | 63 |
| 221 | MIRUMIR: an online tool to test microRNAs as biomarkers to predict survival in cancer using multiple clinical data sets. <i>Cell Death and Differentiation</i> , 2013 , 20, 367 | 12.7 | 60 |
| 220 | Bioinformatics analysis of the serine and glycine pathway in cancer cells. <i>Oncotarget</i> , 2014 , 5, 11004-13 | 3.3 | 59 |
| 219 | The biological basis and clinical symptoms of CAR-T therapy-associated toxicities. <i>Cell Death and Disease</i> , 2018 , 9, 897 | 9.8 | 59 |
| 218 | p73: a multifunctional protein in neurobiology. <i>Molecular Neurobiology</i> , 2011 , 43, 139-46 | 6.2 | 58 |
| 217 | Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells. <i>Molecular and Cellular Biology</i> , 1994 , 14, 6584-6596 | 4.8 | 58 |
| 216 | Is hydroxychloroquine beneficial for COVID-19 patients?. <i>Cell Death and Disease</i> , 2020 , 11, 512 | 9.8 | 57 |
| 215 | The ubiquitin-specific protease USP47 is a novel beta-TRCP interactor regulating cell survival. <i>Oncogene</i> , 2010 , 29, 1384-93 | 9.2 | 57 |

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| 214 | Retinoids and the control of growth/death decisions in human neuroblastoma cell lines. <i>Journal of Neuro-Oncology</i> , 1997 , 31, 65-83 | 4.8 | 57 |
| 213 | Novel and recurrent mutations in the genes encoding keratins K6a, K16 and K17 in 13 cases of pachyonychia congenita. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 1391-6 | 4.3 | 57 |
| 212 | p73 regulates maintenance of neural stem cell. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 403, 13-7 | 3.4 | 56 |
| 211 | MicroRNAs and p63 in epithelial stemness. <i>Cell Death and Differentiation</i> , 2015 , 22, 12-21 | 12.7 | 55 |
| 210 | Induction of gene expression via activator protein-1 in the ascorbate protection against UV-induced damage. <i>Biochemical Journal</i> , 2001 , 356, 77-85 | 3.8 | 55 |
| 209 | p63 supports aerobic respiration through hexokinase II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11577-82 | 11.5 | 54 |
| 208 | Luteolin-7-glucoside inhibits IL-22/STAT3 pathway, reducing proliferation, acanthosis, and inflammation in keratinocytes and in mouse psoriatic model. <i>Cell Death and Disease</i> , 2016 , 7, e2344 | 9.8 | 54 |
| 207 | The C-terminus of p63 contains multiple regulatory elements with different functions. <i>Cell Death and Disease</i> , 2010 , 1, e5 | 9.8 | 54 |
| 206 | Synergistic induction of apoptosis of neuroblastoma by fenretinide or CD437 in combination with chemotherapeutic drugs. <i>International Journal of Cancer</i> , 2000 , 88, 977-85 | 7.5 | 53 |
| 205 | PPISURV: a novel bioinformatics tool for uncovering the hidden role of specific genes in cancer survival outcome. <i>Oncogene</i> , 2014 , 33, 1621-8 | 9.2 | 52 |
| 204 | P53 functional abnormality in mesenchymal stem cells promotes osteosarcoma development. <i>Cell Death and Disease</i> , 2016 , 7, e2015 | 9.8 | 51 |
| 203 | NF-kappaB inhibits T-cell activation-induced, p73-dependent cell death by induction of MDM2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18061-6 | 11.5 | 50 |
| 202 | COVID-19 infection: the China and Italy perspectives. <i>Cell Death and Disease</i> , 2020 , 11, 438 | 9.8 | 49 |
| 201 | Non-oncogenic roles of TAp73: from multiciliogenesis to metabolism. <i>Cell Death and Differentiation</i> , 2018 , 25, 144-153 | 12.7 | 48 |
| 200 | Tissue regeneration: The crosstalk between mesenchymal stem cells and immune response. <i>Cellular Immunology</i> , 2018 , 326, 86-93 | 4.4 | 47 |
| 199 | Differential altered stability and transcriptional activity of Δ p63 mutants in distinct ectodermal dysplasias. <i>Journal of Cell Science</i> , 2011 , 124, 2200-7 | 5.3 | 46 |
| 198 | The SirensSong. <i>Nature</i> , 2001 , 412, 23 | 50.4 | 46 |
| 197 | The emerging role of Notch pathway in ageing: Focus on the related mechanisms in age-related diseases. <i>Ageing Research Reviews</i> , 2016 , 29, 50-65 | 12 | 46 |

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|-----|---|------|----|
| 196 | Metabolic effect of TAp63-enhanced glycolysis and pentose phosphate pathway, resulting in increased antioxidant defense. <i>Oncotarget</i> , 2014 , 5, 7722-33 | 3.3 | 44 |
| 195 | p63 targets cytoglobin to inhibit oxidative stress-induced apoptosis in keratinocytes and lung cancer. <i>Oncogene</i> , 2016 , 35, 1493-503 | 9.2 | 43 |
| 194 | TAp73 knockout mice show morphological and functional nervous system defects associated with loss of p75 neurotrophin receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 18952-7 | 11.5 | 43 |
| 193 | Itch self-polyubiquitylation occurs through lysine-63 linkages. <i>Biochemical Pharmacology</i> , 2008 , 76, 1515-21 | 4.2 | 43 |
| 192 | Modulation of GST P1-1 activity by polymerization during apoptosis. <i>Journal of Cellular Biochemistry</i> , 2000 , 77, 645-653 | 4.7 | 43 |
| 191 | Correlation between transglutaminase activity and polyamine levels in human neuroblastoma cells. Effect of retinoic acid and alpha-difluoromethylornithine. <i>Experimental Cell Research</i> , 1988 , 179, 429-45 | 4.2 | 43 |
| 190 | SARS-CoV-2 spike protein dictates syncytium-mediated lymphocyte elimination. <i>Cell Death and Differentiation</i> , 2021 , 28, 2765-2777 | 12.7 | 43 |
| 189 | Involvement of 5-lipoxygenase in programmed cell death of cancer cells. <i>Cell Death and Differentiation</i> , 1997 , 4, 396-402 | 12.7 | 42 |
| 188 | Metabolic profiling of visceral adipose tissue from obese subjects with or without metabolic syndrome. <i>Biochemical Journal</i> , 2018 , 475, 1019-1035 | 3.8 | 41 |
| 187 | Caspase-1 is a novel target of p63 in tumor suppression. <i>Cell Death and Disease</i> , 2013 , 4, e645 | 9.8 | 41 |
| 186 | BCG vaccination policy and preventive chloroquine usage: do they have an impact on COVID-19 pandemic?. <i>Cell Death and Disease</i> , 2020 , 11, 516 | 9.8 | 39 |
| 185 | Atypical epidermolytic palmoplantar keratoderma presentation associated with a mutation in the keratin 1 gene. <i>British Journal of Dermatology</i> , 2004 , 150, 1096-103 | 4 | 39 |
| 184 | Induction of apoptosis by IFN γ in human neuroblastoma cell lines through the CD95/CD95L autocrine circuit. <i>Cell Death and Differentiation</i> , 1999 , 6, 652-60 | 12.7 | 39 |
| 183 | SynTarget: an online tool to test the synergetic effect of genes on survival outcome in cancer. <i>Cell Death and Differentiation</i> , 2016 , 23, 912 | 12.7 | 37 |
| 182 | p73 Alternative Splicing: Exploring a Biological Role for the C-Terminal Isoforms. <i>Journal of Molecular Biology</i> , 2018 , 430, 1829-1838 | 6.5 | 36 |
| 181 | KMTase Set7/9 is a critical regulator of E2F1 activity upon genotoxic stress. <i>Cell Death and Differentiation</i> , 2014 , 21, 1889-99 | 12.7 | 36 |
| 180 | A mutation in the V1 domain of K16 is responsible for unilateral palmoplantar verrucous nevus. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 1136-40 | 4.3 | 36 |
| 179 | TAp73 promotes anabolism. <i>Oncotarget</i> , 2014 , 5, 12820-934 | 3.3 | 35 |

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|-----|--|------|----|
| 178 | FOXM1 regulates proliferation, senescence and oxidative stress in keratinocytes and cancer cells. <i>Aging</i> , 2016 , 8, 1384-97 | 5.6 | 35 |
| 177 | p63 controls cell migration and invasion by transcriptional regulation of MTSS1. <i>Oncogene</i> , 2016 , 35, 1602-8 | 9.2 | 34 |
| 176 | Single cell transcriptomic analysis of human mesenchymal stem cells reveals limited heterogeneity. <i>Cell Death and Disease</i> , 2019 , 10, 368 | 9.8 | 34 |
| 175 | An SRY-negative XX male with Huriez syndrome. <i>Clinical Genetics</i> , 2000 , 57, 61-6 | 4 | 34 |
| 174 | Recognition mechanism of p63 by the E3 ligase Itch: novel strategy in the study and inhibition of this interaction. <i>Cell Cycle</i> , 2012 , 11, 3638-48 | 4.7 | 33 |
| 173 | The E3 ubiquitin ligase WWP1 regulates Δ p63-dependent transcription through Lys63 linkages. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 402, 425-30 | 3.4 | 33 |
| 172 | TAp73 is a marker of glutamine addiction in medulloblastoma. <i>Genes and Development</i> , 2017 , 31, 1738-1753 | 11.3 | 32 |
| 171 | HECT-Type E3 Ubiquitin Ligases in Cancer. <i>Trends in Biochemical Sciences</i> , 2019 , 44, 1057-1075 | 10.3 | 32 |
| 170 | Δ p63 in squamous cell carcinoma: defining the oncogenic routes affecting epigenetic landscape and tumour microenvironment. <i>Molecular Oncology</i> , 2019 , 13, 981-1001 | 7.9 | 31 |
| 169 | Δ p63-mediated regulation of hyaluronic acid metabolism and signaling supports HNSCC tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13254-13259 | 11.5 | 31 |
| 168 | Role of p63 and the Notch pathway in cochlea development and sensorineural deafness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7300-5 | 11.5 | 31 |
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