

# Chiara Mondello

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83  
papers

2,264  
citations

29  
h-index

45  
g-index

89  
ext. papers

2,530  
ext. citations

5.9  
avg. IF

4.26  
L-index

#	Paper	IF	Citations
83	Life style factors, tumor cell plasticity and cancer stem cells. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2020</b> , 784, 108308	7	5
82	Cellular response to glutamine and/or glucose deprivation in in vitro transformed human fibroblasts. <i>Oncology Reports</i> , <b>2019</b> , 41, 3555-3564	3.5	4
81	Cells with stemness features are generated from in vitro transformed human fibroblasts. <i>Scientific Reports</i> , <b>2018</b> , 8, 13838	4.9	5
80	A comprehensive strategy for the analysis of acoustic compressibility and optical deformability on single cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 23946	4.9	19
79	Snail levels control the migration mechanism of mesenchymal tumor cells. <i>Oncology Letters</i> , <b>2016</b> , 12, 767-771	2.6	7
78	Telomere and telomerase stability in human diseases and cancer. <i>Frontiers in Bioscience - Landmark</i> , <b>2016</b> , 21, 203-24	2.8	11
77	An integrated optofluidic device for single-cell sorting driven by mechanical properties. <i>Lab on a Chip</i> , <b>2015</b> , 15, 1262-6	7.2	46
76	A basal level of DNA damage and telomere deprotection increases the sensitivity of cancer cells to G-quadruplex interactive compounds. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 1759-69	20.1	12
75	The impact of low-dose carcinogens and environmental disruptors on tissue invasion and metastasis. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S128-59	4.6	29
74	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S254-96	4.6	176
73	Mechanisms of environmental chemicals that enable the cancer hallmark of evasion of growth suppression. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S2-18	4.6	44
72	Disruptive chemicals, senescence and immortality. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S19-37	4.6	26
71	The potential for chemical mixtures from the environment to enable the cancer hallmark of sustained proliferative signalling. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S38-60	4.6	27
70	Causes of genome instability: the effect of low dose chemical exposures in modern society. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S61-88	4.6	100
69	Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S89-110	4.6	25
68	The effect of environmental chemicals on the tumor microenvironment. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S160-83	4.6	79
67	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: focus on the cancer hallmark of tumor angiogenesis. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S184-202	4.6	28

66	Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S111-27	4.6	34
65	Metabolic reprogramming and dysregulated metabolism: cause, consequence and/or enabler of environmental carcinogenesis?. <i>Carcinogenesis</i> , <b>2015</b> , 36 Suppl 1, S203-31	4.6	61
64	An optofluidic constriction chip for monitoring metastatic potential and drug response of cancer cells. <i>Integrative Biology (United Kingdom)</i> , <b>2015</b> , 7, 477-84	3.7	21
63	Stable cellular senescence is associated with persistent DDR activation. <i>PLoS ONE</i> , <b>2014</b> , 9, e110969	3.7	83
62	An integrated fluorescence activated cell sorter fabricated by femtosecond laser micromachining. <i>MATEC Web of Conferences</i> , <b>2013</b> , 8, 05007	0.3	
61	Super-telomeres in transformed human fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 1885-93	4.9	4
60	Cellular immortalization and neoplastic transformation: Simultaneous, sequential or independent? Telomeres, telomerase or karyotypic variations?. <i>Cell Cycle</i> , <b>2013</b> , 12, 1804-5	4.7	3
59	Poly(ADP-ribosylation) and neoplastic transformation: effect of PARP inhibitors. <i>Current Pharmaceutical Biotechnology</i> , <b>2013</b> , 14, 524-36	2.6	11
58	Cross-analysis of gene and miRNA genome-wide expression profiles in human fibroblasts at different stages of transformation. <i>OMICS A Journal of Integrative Biology</i> , <b>2012</b> , 16, 24-36	3.8	11
57	Optofluidic integrated cell sorter fabricated by femtosecond lasers. <i>Lab on A Chip</i> , <b>2012</b> , 12, 3779-84	7.2	71
56	The catalytic and the RNA subunits of human telomerase are required to immortalize equid primary fibroblasts. <i>Chromosoma</i> , <b>2012</b> , 121, 475-88	2.8	9
55	Telomere-independent functions of telomerase in nuclei, cytoplasm, and mitochondria. <i>Frontiers in Oncology</i> , <b>2012</b> , 2, 133	5.3	74
54	Relocalization of cell adhesion molecules during neoplastic transformation of human fibroblasts. <i>International Journal of Oncology</i> , <b>2011</b> , 39, 1199-204	4.4	3
53	Gene amplification in human cells knocked down for RAD54. <i>Genome Integrity</i> , <b>2011</b> , 2, 5	0.8	13
52	Drug treatment of cancer cell lines: a way to select for cancer stem cells?. <i>Cancers</i> , <b>2011</b> , 3, 1111-28	6.6	13
51	Gene amplification, radiation sensitivity and DNA double-strand breaks. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2010</b> , 704, 29-37	7	31
50	Reduced expression of the ROCK inhibitor Rnd3 is associated with increased invasiveness and metastatic potential in mesenchymal tumor cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e14154	3.7	38
49	Apoptosis: a way to maintain healthy individuals. <i>Sub-Cellular Biochemistry</i> , <b>2010</b> , 50, 307-23	5.5	19

48	Enhanced gene amplification in human cells knocked down for DNA-PKcs. <i>DNA Repair</i> , <b>2009</b> , 8, 19-28	4.3	7
47	Telomerase: cellular immortalization and neoplastic transformation. Multiple functions of a multifaceted complex. <i>Cytogenetic and Genome Research</i> , <b>2008</b> , 122, 255-62	1.9	30
46	Replication protein A and proliferating cell nuclear antigen coordinate DNA polymerase selection in 8-oxo-guanine repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 20689-94	11.5	58
45	Telomere length and radiosensitivity in human fibroblast clones immortalized by ectopic telomerase expression. <i>Oncology Reports</i> , <b>2008</b> , 19, 1605-9	3.5	8
44	Transfer of a human chromosomal vector from a hamster cell line to a mouse embryonic stem cell line. <i>Stem Cells</i> , <b>2007</b> , 25, 2543-50	5.8	13
43	Inhibition of gene amplification in telomerase deficient immortalized mouse embryonic fibroblasts. <i>Carcinogenesis</i> , <b>2007</b> , 28, 553-9	4.6	6
42	Contribution of telomerase RNA retrotranscription to DNA double-strand break repair during mammalian genome evolution. <i>Genome Biology</i> , <b>2007</b> , 8, R260	18.3	52
41	Telomerase expression in somatic cells: fountain of youth or Damocles's sword?. <i>Cell Cycle</i> , <b>2006</b> , 5, 465-64.7	4.7	2
40	Oxidative stress response in telomerase-immortalized fibroblasts from a centenarian. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1091, 94-101	6.5	6
39	p53 codon 72 alleles influence the response to anticancer drugs in cells from aged people by regulating the cell cycle inhibitor p21WAF1. <i>Cell Cycle</i> , <b>2005</b> , 4, 1264-71	4.7	46
38	New mammalian cellular systems to study mutations introduced at the break site by non-homologous end-joining. <i>DNA Repair</i> , <b>2005</b> , 4, 546-55	4.3	35
37	Stepwise neoplastic transformation of a telomerase immortalized fibroblast cell line. <i>Cancer Research</i> , <b>2005</b> , 65, 11411-8	10.1	36
36	Insertion of telomeric repeats at intrachromosomal break sites during primate evolution. <i>Genome Research</i> , <b>2004</b> , 14, 1704-10	9.7	67
35	Chromosomal end-to-end fusions in immortalized mouse embryonic fibroblasts deficient in the DNA-dependent protein kinase catalytic subunit. <i>Cancer Letters</i> , <b>2004</b> , 203, 79-86	9.9	6
34	Telomeres, telomerase, and apoptosis. <i>Biochemistry and Cell Biology</i> , <b>2004</b> , 82, 498-507	3.6	45
33	Interstitial telomeric repeats are not preferentially involved in radiation-induced chromosome aberrations in human cells. <i>Cytogenetic and Genome Research</i> , <b>2004</b> , 104, 123-30	1.9	13
32	Karyotype instability and anchorage-independent growth in telomerase-immortalized fibroblasts from two centenarian individuals. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 308, 914-21	3.4	42
31	Gamma-ray and hydrogen peroxide induction of gene amplification in hamster cells deficient in DNA double strand break repair. <i>DNA Repair</i> , <b>2002</b> , 1, 483-93	4.3	16

30	Molecular organization of internal telomeric sequences in Chinese hamster chromosomes. <i>Gene</i> , <b>2002</b> , 283, 11-6	3.8	45
29	Gene amplification in fibroblasts from ataxia telangiectasia (AT) patients and in X-ray hypersensitive AT-like Chinese hamster mutants. <i>Carcinogenesis</i> , <b>2001</b> , 22, 141-5	4.6	5
28	Increased gene amplification in immortal rodent cells deficient for the DNA-dependent protein kinase catalytic subunit. <i>Cancer Research</i> , <b>2001</b> , 61, 4520-5	10.1	28
27	Instability of interstitial telomeric sequences in the human genome. <i>Genomics</i> , <b>2000</b> , 68, 111-7	4.3	51
26	Late onset of CAD gene amplification in unamplified PALA resistant Chinese hamster mutants. <i>Cancer Letters</i> , <b>2000</b> , 150, 119-27	9.9	2
25	Occurrence and expansion of trisomy 7 in a fibroblast strain from a centenarian individual. <i>Experimental Gerontology</i> , <b>1999</b> , 34, 715-9	4.5	5
24	Telomere length in fibroblasts and blood cells from healthy centenarians. <i>Experimental Cell Research</i> , <b>1999</b> , 248, 234-42	4.2	90
23	Telomeres. <i>Advances in Genome Biology</i> , <b>1998</b> , 323-361		
22	Chromosomal instability and telomere length variations during the life span of human fibroblast clones. <i>Experimental Cell Research</i> , <b>1997</b> , 236, 385-96	4.2	26
21	Telomeric fusions in cultured human fibroblasts as a source of genomic instability. <i>Cancer Genetics and Cytogenetics</i> , <b>1997</b> , 95, 130-6		34
20	Structural instability of a transmissible end-to-end dicentric chromosome in a xeroderma pigmentosum fibroblast clone. <i>Cancer Genetics and Cytogenetics</i> , <b>1995</b> , 79, 41-8		8
19	Gene amplification in Chinese hamster DNA repair deficient mutants. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1995</b> , 346, 61-7		5
18	Condensation anomalies and exclusion in micronuclei of rearranged chromosomes in human fibroblasts cultured in vitro. <i>Chromosoma</i> , <b>1995</b> , 104, 137-42	2.8	7
17	Condensation anomalies and exclusion in micronuclei of rearranged chromosomes in human fibroblasts cultured in vitro. <i>Chromosoma</i> , <b>1995</b> , 104, 137-142	2.8	
16	Molecular analysis of the XP-D gene in Italian families with patients affected by trichothiodystrophy and xeroderma pigmentosum group D. <i>Mutation Research DNA Repair</i> , <b>1994</b> , 314, 159-65		6
15	Multiple DNA-protein interactions at the CpG island of the human pseudoautosomal gene MIC2. <i>Somatic Cell and Molecular Genetics</i> , <b>1993</b> , 19, 51-63		5
14	Enzymes of DNA metabolism in a patient with the Wiedemann-Rautenstrauch progeroid syndrome. <i>Annals of the New York Academy of Sciences</i> , <b>1992</b> , 663, 440-1	6.5	2
13	Loss of histone H2AX increases sensitivity of immortalized mouse fibroblasts to the topoisomerase II inhibitor etoposide <b>1992</b> , 33, 613		

12	Analysis of methylation of a human X located gene which escapes X inactivation. <i>Nucleic Acids Research</i> , <b>1988</b> , 16, 6813-24	20.1	20
11	Absence of methylation of a CpG-rich region at the 5Vend of the MIC2 gene on the active X, the inactive X, and the Y chromosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1988</b> , 85, 5605-9	11.5	58
10	Satellite DNA induces unstable expression of the adjacent herpes simplex virus tk gene cotransfected in mouse cells. <i>Molecular and Cellular Biology</i> , <b>1988</b> , 8, 1336-44	4.8	12
9	Physical mapping of genes and sequences at the end of the human X chromosome short arm. <i>Annals of Human Genetics</i> , <b>1987</b> , 51, 137-43	2.2	21
8	Cellular and genetic studies in three UV-sensitive Chinese hamster mutants. <i>Cytotechnology</i> , <b>1987</b> , 1, 91-4	2.2	2
7	X-linked ichthyosis, due to steroid sulphatase deficiency, associated with Kallmann syndrome (hypogonadotropic hypogonadism and anosmia): linkage relationships with Xg and cloned DNA sequences from the distal short arm of the X chromosome. <i>Human Genetics</i> , <b>1986</b> , 72, 237-40	6.3	84
6	Sensitivity to DNA-damaging agents and mutation induction by UV light in UV-sensitive CHO cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1986</b> , 174, 155-9		7
5	Methylation and expression of a housekeeping gene. <i>Trends in Genetics</i> , <b>1985</b> , 1, 124-125	8.5	1
4	Correlation between unscheduled DNA synthesis and chromosome condensation in mitoses from human lymphocytes. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1985</b> , 142, 45-8		
3	Homologous expressed genes in the human sex chromosome pairing region. <i>Nature</i> , <b>1985</b> , 317, 739-41	50.4	59
2	Chromosomal effects of methotrexate on cultured human lymphocytes. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1984</b> , 139, 67-70		26
1	Aphidicolin does not inhibit the repair synthesis of mitotic chromosomes. <i>Biochemical and Biophysical Research Communications</i> , <b>1981</b> , 99, 1287-94	3.4	22