

# Francesca Degrassi

## List of Publications by Year in descending order

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37  
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#	ARTICLE	IF	CITATIONS
1	Merotelic Kinetochore Orientation Is a Major Mechanism of Aneuploidy in Mitotic Mammalian Tissue Cells. <i>Journal of Cell Biology</i> , 2001, 153, 517-528.	5.2	498
2	Are chromosome aberrations in circulating lymphocytes predictive of future cancer onset in humans? Preliminary results of an Italian cohort study. <i>Cancer Genetics and Cytogenetics</i> , 1995, 79, 133-135.	1.0	286
3	Merotelic kinetochore orientation versus chromosome mono-orientation in the origin of lagging chromosomes in human primary cells. <i>Journal of Cell Science</i> , 2002, 115, 507-15.	2.0	113
4	Aneuploidy: a matter of bad connections. <i>Trends in Cell Biology</i> , 2005, 15, 442-451.	7.9	109
5	In vitro micronucleus test with kinetochore staining: evaluation of test performance. <i>Mutagenesis</i> , 1991, 6, 319-324.	2.6	88
6	Assessment of the genotoxic risk of <i>Punica granatum</i> L. (Punicaceae) whole fruit extracts. <i>Journal of Ethnopharmacology</i> , 2008, 115, 416-422.	4.1	59
7	Micronucleus test in <i>Vicia faba</i> root tips to detect mutagen damage in fresh-water pollution. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1982, 97, 19-33.	0.4	57
8	Dimethyl Sulfoxide Restores Contact Inhibition-Induced Growth Arrest and Inhibits Cell Density-Dependent Apoptosis in Hamster Cells. <i>Experimental Cell Research</i> , 1999, 251, 102-110.	2.6	53
9	Reversible G1 arrest by dimethyl sulfoxide as a new method to synchronize Chinese hamster cells. <i>Mutagenesis</i> , 2002, 17, 419-424.	2.6	48
10	Effect of cytochalasin B on the induction of chromosome missegregation by colchicine at low concentrations in human lymphocytes. <i>Mutagenesis</i> , 1999, 14, 43-49.	2.6	39
11	Molecular cytogenetics of the micronucleus: Still surprising. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 836, 36-40.	1.7	35
12	Simultaneous inhibition of contractile ring and central spindle formation in mammalian cells treated with cytochalasin B. <i>Chromosoma</i> , 1998, 107, 479-485.	2.2	33
13	Genomic instability: Crossing pathways at the origin of structural and numerical chromosome changes. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 563-580.	2.2	29
14	Expression of the kinetochore protein Hec1 during the cell cycle in normal and cancer cells and its regulation by the pRb pathway. <i>Cell Cycle</i> , 2010, 9, 4174-4182.	2.6	25
15	Abnormal Kinetochore-Generated Pulling Forces from Expressing a N-Terminally Modified Hec1. <i>PLoS ONE</i> , 2011, 6, e16307.	2.5	25
16	Aneuploidy in mitosis of PtK1 cells is generated by random loss and nondisjunction of individual chromosomes. <i>Journal of Cell Science</i> , 2009, 122, 3455-3461.	2.0	23
17	Aneuploidy-inducing capacity of two widely used pesticides. <i>Carcinogenesis</i> , 2006, 27, 2511-2518.	2.8	22
18	Indirect mitotic nondisjunction in <i>Vicia faba</i> and Chinese hamster cells. <i>Chromosoma</i> , 1989, 97, 339-346.	2.2	21

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19	Cytotoxic and genotoxic effects mediated by M2 muscarinic receptor activation in human glioblastoma cells. <i>Neurochemistry International</i> , 2015, 90, 261-270.	3.8	21
20	Immunofluorescence analysis of diazepam-induced mitotic apparatus anomalies and chromosome loss in Chinese hamster cells. <i>Mutagenesis</i> , 1998, 13, 445-452.	2.6	20
21	Resveratrol and its methoxy-derivatives as modulators of DNA damage induced by ionising radiation. <i>Mutagenesis</i> , 2016, 31, 433-441.	2.6	19
22	The Mitotic Apparatus and Kinetochores in Microcephaly and Neurodevelopmental Diseases. <i>Cells</i> , 2020, 9, 49.	4.1	19
23	Mitotic indirect non-disjunction in phytohemagglutinin stimulated human lymphocytes. <i>Mutagenesis</i> , 1994, 9, 17-21.	2.6	17
24	Effects of resveratrol on topoisomerase II- $\hat{A}$ activity: induction of micronuclei and inhibition of chromosome segregation in CHO-K1 cells. <i>Mutagenesis</i> , 2013, 28, 243-248.	2.6	15
25	Resveratrol affects DNA damage induced by ionizing radiation in human lymphocytes in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 806, 40-46.	1.7	14
26	Tetraploid cells produced by absence of substrate adhesion during cytokinesis are limited in their proliferation and enter senescence after DNA replication. <i>Cell Cycle</i> , 2016, 15, 274-282.	2.6	14
27	Benzo[a]pyrene-induced cell cycle arrest in HepG2 cells is associated with delayed induction of mitotic instability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 769, 59-68.	1.0	13
28	The resveratrol analogue trimethoxystilbene inhibits cancer cell growth by inducing multipolar cell mitosis. <i>Molecular Carcinogenesis</i> , 2017, 56, 1117-1126.	2.7	13
29	The Tubulin Code and Tubulin-Modifying Enzymes in Autophagy and Cancer. <i>Cancers</i> , 2022, 14, 6.	3.7	13
30	Xanthium strumarium extract inhibits mammalian cell proliferation through mitotic spindle disruption mediated by xanthatin. <i>Journal of Ethnopharmacology</i> , 2016, 194, 781-788.	4.1	12
31	Cytogenetic analyses of Azadirachtin reveal absence of genotoxicity but marked antiproliferative effects in human lymphocytes and CHO cells in vitro. <i>Toxicology Letters</i> , 2012, 213, 361-366.	0.8	11
32	The pesticide dichlorvos disrupts mitotic division by delocalizing the kinesin Kif2a from centrosomes. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 250-260.	2.2	11
33	A novel resveratrol derivative induces mitotic arrest, centrosome fragmentation and cancer cell death by inhibiting $\hat{\Gamma}$ -tubulin. <i>Cell Division</i> , 2019, 14, 3.	2.4	9
34	Enhancement of Induced Sister Chromatid Exchange and Chromosomal Aberrations by Inhibitors of DNA Repair Processes. <i>Toxicologic Pathology</i> , 1984, 12, 269-273.	1.8	7
35	Genotoxic activity of nitrilotriacetic acid in Chinese hamster cells. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 343, 1-6.	1.2	6
36	M2 Muscarinic Receptor Activation Impairs Mitotic Progression and Bipolar Mitotic Spindle Formation in Human Glioblastoma Cell Lines. <i>Cells</i> , 2021, 10, 1727.	4.1	5

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37	Kinetochores-microtubule attachments in cancer therapy. <i>Oncoscience</i> , 2015, 2, 902-903.	2.2	0