

Annamaria Colacci

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.

100
papers

1,916
citations

25
h-index

40
g-index

117
ext. papers

2,270
ext. citations

4.5
avg, IF

3.76
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 100 | A nationwide study of air pollution from particulate matter and daily hospitalizations for respiratory diseases in Italy. <i>Science of the Total Environment</i> , 2021 , 807, 151034 | 10.2 | 2 |
| 99 | Assessment of air quality sensor system performance after relocation. <i>Atmospheric Pollution Research</i> , 2021 , 12, 282-291 | 4.5 | 3 |
| 98 | Chemical carcinogen safety testing: OECD expert group international consensus on the development of an integrated approach for the testing and assessment of chemical non-genotoxic carcinogens. <i>Archives of Toxicology</i> , 2020 , 94, 2899-2923 | 5.8 | 22 |
| 97 | Short-term effects of particulate matter on cardiovascular morbidity in Italy: a national analysis. <i>European Journal of Preventive Cardiology</i> , 2020 , | 3.9 | 8 |
| 96 | The Secretive Liaison of Particulate Matter and SARS-CoV-2. A Hypothesis and Theory Investigation. <i>Frontiers in Genetics</i> , 2020 , 11, 579964 | 4.5 | 6 |
| 95 | The Use of a Physiologically Based Pharmacokinetic Modelling in a Bull-Chain Exposure Assessment Framework: A Case Study on Urban and Industrial Pollution in Northern Italy. <i>Atmosphere</i> , 2020 , 11, 1228 | 2.7 | |
| 94 | Source-related components of fine particulate matter and risk of adverse birth outcomes in Northern Italy. <i>Environmental Research</i> , 2020 , 186, 109564 | 7.9 | 11 |
| 93 | Environmental pollution and COVID-19: the molecular terms and predominant disease outcomes of their sweetheart agreement. <i>Epidemiologia E Prevenzione</i> , 2020 , 44, 169-182 | 1.1 | 0 |
| 92 | Hazard assessment of air pollutants: The transforming ability of complex pollutant mixtures in the Bhas 42 cell model. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019 , 36, 623-633 | 4.3 | 2 |
| 91 | Role of socio-economic status in the relationship between air pollution and health. <i>Environmental Epidemiology</i> , 2019 , 3, 324-325 | 0.2 | |
| 90 | The transformics assay: first steps for the development of an integrated approach to investigate the malignant cell transformation in vitro. <i>Carcinogenesis</i> , 2018 , 39, 955-967 | 4.6 | 7 |
| 89 | The use of omics-based approaches in regulatory toxicology: an alternative approach to assess the no observed transcriptional effect level. <i>Microchemical Journal</i> , 2018 , 136, 143-148 | 4.8 | 4 |
| 88 | E-cigarettes induce toxicological effects that can raise the cancer risk. <i>Scientific Reports</i> , 2017 , 7, 2028 | 4.9 | 101 |
| 87 | Moving forward in carcinogenicity assessment: Report of an EURL ECVAM/ESTIV workshop. <i>Toxicology in Vitro</i> , 2017 , 45, 278-286 | 3.6 | 29 |
| 86 | Uncertainties of testing methods: What do we (want to) know about carcinogenicity?. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017 , 34, 235-252 | 4.3 | 22 |
| 85 | International regulatory needs for development of an IATA for non-genotoxic carcinogenic chemical substances. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016 , 33, 359-392 | 4.3 | 36 |
| 84 | Chapter 7:Dissecting Modes of Action of Non-genotoxic Carcinogens. <i>Issues in Toxicology</i> , 2016 , 209-235 | 0.3 | |

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| 83 | The impact of low-dose carcinogens and environmental disruptors on tissue invasion and metastasis. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S128-59 | 4.6 | 29 |
| 82 | Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S254-96 | 4.6 | 176 |
| 81 | Mechanisms of environmental chemicals that enable the cancer hallmark of evasion of growth suppression. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S2-18 | 4.6 | 44 |
| 80 | Disruptive chemicals, senescence and immortality. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S19-37 | 4.6 | 26 |
| 79 | The potential for chemical mixtures from the environment to enable the cancer hallmark of sustained proliferative signalling. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S38-60 | 4.6 | 27 |
| 78 | Causes of genome instability: the effect of low dose chemical exposures in modern society. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S61-88 | 4.6 | 100 |
| 77 | Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S89-110 | 4.6 | 25 |
| 76 | The effect of environmental chemicals on the tumor microenvironment. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S160-83 | 4.6 | 79 |
| 75 | 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> , 2015 , 36 Suppl 1, S184-202 | 4.6 | 28 |
| 74 | Environmental immune disruptors, inflammation and cancer risk. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S232-53 | 4.6 | 137 |
| 73 | Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S111-27 | 4.6 | 34 |
| 72 | Metabolic reprogramming and dysregulated metabolism: cause, consequence and/or enabler of environmental carcinogenesis?. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S203-31 | 4.6 | 61 |
| 71 | An improved classification of foci for carcinogenicity testing by statistical descriptors. <i>Toxicology in Vitro</i> , 2015 , 29, 1839-50 | 3.6 | 5 |
| 70 | Identification of pathway-based toxicity in the BALB/c 3T3 cell model. <i>Toxicology in Vitro</i> , 2015 , 29, 1240-53 | 3.6 | 18 |
| 69 | Cancer-related genes transcriptionally induced by the fungicide penconazole. <i>Toxicology in Vitro</i> , 2014 , 28, 125-30 | 3.6 | 26 |
| 68 | Alternative Testing Methods for Predicting Health Risk from Environmental Exposures. <i>Sustainability</i> , 2014 , 6, 5265-5283 | 3.6 | 8 |
| 67 | The micronucleus assay as a biological dosimeter in hospital workers exposed to low doses of ionizing radiation. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 747, 7-13 | 3 | 24 |
| 66 | Toxicological Characterization of Waste-Related Products Using Alternative Methods: Three Case Studies. <i>Handbook of Environmental Chemistry</i> , 2012 , 171-205 | 0.8 | |

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|----|--|------|----|
| 65 | Different sensitivity of BALB/c 3T3 cell clones in the response to carcinogens. <i>Toxicology in Vitro</i> , 2011 , 25, 1183-90 | 3.6 | 11 |
| 64 | Cell-cell interaction and diversity of emergent behaviours. <i>IET Systems Biology</i> , 2011 , 5, 137-44 | 1.4 | 30 |
| 63 | Robustness analysis of a Boolean model of gene regulatory network with memory. <i>Journal of Computational Biology</i> , 2011 , 18, 559-77 | 1.7 | 22 |
| 62 | Dynamical properties of a boolean model of gene regulatory network with memory. <i>Journal of Computational Biology</i> , 2011 , 18, 1291-303 | 1.7 | 38 |
| 61 | BALB/c 3T3 cell transformation assay for the prediction of carcinogenic potential of chemicals and environmental mixtures. <i>Toxicology in Vitro</i> , 2010 , 24, 1292-300 | 3.6 | 26 |
| 60 | On the dynamics of random Boolean networks subject to noise: attractors, ergodic sets and cell types. <i>Journal of Theoretical Biology</i> , 2010 , 265, 185-93 | 2.3 | 79 |
| 59 | Information Transfer among Coupled Random Boolean Networks. <i>Lecture Notes in Computer Science</i> , 2010 , 1-11 | 0.9 | 9 |
| 58 | Gene expression changes in medical workers exposed to radiation. <i>Radiation Research</i> , 2009 , 172, 500-8 | 3.1 | 19 |
| 57 | Gene expression time-series analysis of camptothecin effects in U87-MG and DBTRG-05 glioblastoma cell lines. <i>Molecular Cancer</i> , 2008 , 7, 66 | 42.1 | 18 |
| 56 | The simulation of gene knock-out in scale-free random Boolean models of genetic networks. <i>Networks and Heterogeneous Media</i> , 2008 , 3, 333-343 | 1.6 | 14 |
| 55 | The Diffusion of Perturbations in a Model of Coupled Random Boolean Networks. <i>Lecture Notes in Computer Science</i> , 2008 , 315-322 | 0.9 | 13 |
| 54 | Angiopoietin-2 expression in B-cell chronic lymphocytic leukemia: association with clinical outcome and immunoglobulin heavy-chain mutational status. <i>Leukemia</i> , 2007 , 21, 1312-5 | 10.7 | 12 |
| 53 | 509 POSTER Evaluation of in vitro toxicity and efficacy of ferutinin, a natural promising chemopreventive compound. <i>European Journal of Cancer, Supplement</i> , 2006 , 4, 155 | 1.6 | 3 |
| 52 | A cDNA-microarray analysis of camptothecin resistance in glioblastoma cell lines. <i>Cancer Letters</i> , 2006 , 231, 74-86 | 9.9 | 16 |
| 51 | Angiopoietin-2 Expression in B-Cell Chronic Lymphocytic Leukemia: Association with Clinical Outcome and Immunoglobulin Heavy-Chain Mutational Status.. <i>Blood</i> , 2006 , 108, 2780-2780 | 2.2 | |
| 50 | In vitro effects of fenretinide on cell-matrix interactions. <i>Anticancer Research</i> , 2000 , 20, 3059-66 | 2.3 | 5 |
| 49 | Effects of the protease inhibitor antipain on cell malignant transformation. <i>Anticancer Research</i> , 1999 , 19, 589-96 | 2.3 | 6 |
| 48 | Enhancement of BALB/c 3T3 cells transformation by 1,2-dibromoethane promoting effect. <i>Carcinogenesis</i> , 1996 , 17, 225-31 | 4.6 | 10 |

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|----|--|------|----|
| 47 | Cytotoxic activity and transformation of BALB/c 3T3 cells in vitro by the insecticide acephate. <i>Cancer Letters</i> , 1996 , 106, 147-53 | 9.9 | 14 |
| 46 | Multidrug resistance and malignancy in human osteosarcoma. <i>Cancer Research</i> , 1996 , 56, 2434-9 | 10.1 | 60 |
| 45 | Transformation of BALB/c 3T3 cells in vitro by the fungicides captan, captafol and folpet. <i>Japanese Journal of Cancer Research</i> , 1995 , 86, 941-7 | | 15 |
| 44 | 1,2-Dibromoethane as an initiating agent for cell transformation. <i>Japanese Journal of Cancer Research</i> , 1995 , 86, 168-73 | | 4 |
| 43 | In vitro transforming effect of the fungicides metalaxyl and zineb. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1995 , 15, 73-80 | | 12 |
| 42 | Lack of significant promoting activity by benzene in the rat liver model of carcinogenesis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1995 , 45, 481-8 | 3.2 | 1 |
| 41 | Cytotoxic and cell transforming effects of the insecticide, lindane (gamma-hexachlorocyclohexane) on BALB/c 3T3 cells. <i>Research Communications in Molecular Pathology and Pharmacology</i> , 1995 , 89, 329-39 | | 4 |
| 40 | Genetic safety evaluation of pesticides in different short-term tests. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1994 , 321, 219-28 | | 22 |
| 39 | Experimental carcinogenesis and anti-carcinogenesis: a summary of the current status. <i>European Journal of Cancer Prevention</i> , 1994 , 3, 382-5 | 2 | |
| 38 | Induction of a malignant phenotype in BALB/c 3t3 cells by 1,1,2,2-tetrachloroethane. <i>International Journal of Oncology</i> , 1993 , 2, 937-45 | 1 | 1 |
| 37 | In vitro cytotoxic and cell transforming activities exerted by the pesticides cyanazine, dithianon, diflubenzuron, procymidone, and vinclozolin on BALB/c 3T3 cells. <i>Environmental and Molecular Mutagenesis</i> , 1993 , 21, 81-6 | 3.2 | 28 |
| 36 | Induction of chemotactic and invasive phenotype in BALB/c 3T3 cells by 1,2-dibromoethane transformation. <i>Invasion & Metastasis</i> , 1993 , 13, 234-43 | | 2 |
| 35 | In vitro cell transformation induced by the pesticide fenarimol. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1993 , 80, 345-56 | | 2 |
| 34 | Inhibition of malignant tumor cell invasion: an approach to anti-progression. <i>Basic Life Sciences</i> , 1993 , 61, 335-50 | | 2 |
| 33 | Initiating activity of 1,1,2,2-tetrachloroethane in two-stage BALB/c 3T3 cell transformation. <i>Cancer Letters</i> , 1992 , 64, 145-53 | 9.9 | 6 |
| 32 | In vivo and in vitro interaction of trichloroethylene with macromolecules from various organs of rat and mouse. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1992 , 76, 192-208 | | 7 |
| 31 | Induction of invasive and experimental metastasis potential in BALB/c 3T3 cells by benzo(a)pyrene transformation. <i>Invasion & Metastasis</i> , 1992 , 12, 1-11 | | 6 |
| 30 | Dose-Response Relationships for Benzene: Human and Experimental Carcinogenicity Data 1992 , 293-303 | | |

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|----|--|-----|----|
| 29 | Comparative Metabolism and Genotoxicity Data on Benzene: Their Role in Cancer Risk Assessment 1992 , 263-291 | | 1 |
| 28 | In vivo unwinding fluorimetric assay as evidence of the damage induced by fenarimol and DNOC in rat liver DNA. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1991 , 34, 485-94 | 3.2 | 20 |
| 27 | Chloroform Bioactivation Leading to Nucleic Acids Binding. <i>Tumori</i> , 1991 , 77, 285-290 | 1.7 | 6 |
| 26 | DNA damaging activity of methyl parathion. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1991 , 71, 209-18 | | 2 |
| 25 | Transforming activity of ethylene dibromide in BALB/c 3T3 cells. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1991 , 73, 159-72 | | 2 |
| 24 | Genotoxicity of Chloroethanes and Structure-Activity Relationships 1991 , 381-391 | | 2 |
| 23 | In vitro transformation of BALB/c 3T3 cells by 1,1,2,2-tetrachloroethane. <i>Japanese Journal of Cancer Research</i> , 1990 , 81, 786-92 | | 11 |
| 22 | Evaluation of genotoxic effects of the herbicide dicamba using in vivo and in vitro test systems. <i>Environmental and Molecular Mutagenesis</i> , 1990 , 15, 131-5 | 3.2 | 21 |
| 21 | In Vivo and in Vitro Interaction of 1,2-Dichlorobenzene with Nucleic Acids and Proteins of Mice and Rats. <i>Tumori</i> , 1990 , 76, 339-344 | 1.7 | 3 |
| 20 | The covalent interaction of 1,4-dibromobenzene with rat and mouse nucleic acids: in vivo and in vitro studies. <i>Toxicology Letters</i> , 1990 , 54, 121-7 | 4.4 | 5 |
| 19 | Results of animal studies suggest a nonlinear dose-response relationship for benzene effects. <i>Environmental Health Perspectives</i> , 1989 , 82, 171-6 | 8.4 | 5 |
| 18 | The Different Genotoxicity of P-Dichlorobenzene in Mouse and Rat: Measurement of the in Vivo and in Vitro Covalent Interaction with Nucleic Acids. <i>Tumori</i> , 1989 , 75, 305-310 | 1.7 | 14 |
| 17 | Benzene adducts with rat nucleic acids and proteins: dose-response relationship after treatment in vivo. <i>Environmental Health Perspectives</i> , 1989 , 82, 259-66 | 8.4 | 26 |
| 16 | Covalent binding of 1,1,1,2-tetrachloroethane to nucleic acids as evidence of genotoxic activity. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1989 , 26, 485-95 | 3.2 | 3 |
| 15 | Metabolic activation and covalent binding to nucleic acids of pentachloroethane as short-term test of genotoxicity. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1989 , 63, 81-91 | | |
| 14 | Binding of hexachloroethane to biological macromolecules from rat and mouse organs. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1988 , 24, 403-11 | 3.2 | 7 |
| 13 | Comparison of the Covalent Binding of Various Chloroethanes with Nucleic Acids 1988 , 93-102 | | 1 |
| 12 | The covalent binding of 1,1,2,2-tetrachloroethane to macromolecules of rat and mouse organs. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1987 , 7, 465-74 | | 15 |

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|----|---|-----|----|
| 11 | Evidence of DNA binding activity of perchloroethylene. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1987 , 58, 215-35 | | 3 |
| 10 | Interaction of halocompounds with nucleic acids. <i>Toxicologic Pathology</i> , 1986 , 14, 438-44 | 2.1 | 10 |
| 9 | Short-term tests of genotoxicity for 1,1,1-trichloroethane. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1986 , 52, 305-20 | | 3 |
| 8 | In vitro microsome- and cytosol-mediated binding of 1,2-dichloroethane and 1,2-dibromoethane with DNA. <i>Cell Biology and Toxicology</i> , 1985 , 1, 45-55 | 7.4 | 17 |
| 7 | The covalent binding of bromobenzene with nucleic acids. <i>Toxicologic Pathology</i> , 1985 , 13, 276-82 | 2.1 | 10 |
| 6 | In vivo and in vitro binding of benzene to nucleic acids and proteins of various rat and mouse organs. <i>Cancer Letters</i> , 1985 , 28, 159-68 | 9.9 | 50 |
| 5 | Genotoxicity of 1,1-dichloroethane. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1985 , 49, 243-54 | | 3 |
| 4 | Comparison between photo-induction and microsomal activation of polycyclic hydrocarbons with different oncogenic potency. <i>Toxicologic Pathology</i> , 1984 , 12, 185-8 | 2.1 | 7 |
| 3 | In vivo and in vitro binding of 1,2-dibromoethane and 1,2-dichloroethane to macromolecules in rat and mouse organs. <i>Journal of Cancer Research and Clinical Oncology</i> , 1984 , 108, 204-13 | 4.9 | 34 |
| 2 | In vivo and in vitro binding of epichlorohydrin to nucleic acids. <i>Cancer Letters</i> , 1984 , 23, 81-90 | 9.9 | 13 |
| 1 | Children's and Adult Involuntary and Occupational Exposures and Cancer 259-316 | | |