

# Sabrina Angelini

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

4,542  
citations

159585

30  
h-index

106344

65  
g-index

87  
all docs

87  
docs citations

87  
times ranked

6868  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430   | 9.1 | 10        |
| 2  | The XPD variant alleles are associated with increased aromatic DNA adduct level and lung cancer risk. <i>Carcinogenesis</i> , 2002, 23, 599-603.   | 2.8 | 207       |
| 3  | BRAF Mutations Are Common Somatic Events in Melanocytic Nevi11Tables 2 and 3 can be found at <a href="http://www.blackwellpublishing.com/products/journals/suppmat/jid/jid22225/jid22225sm.htm">http://www.blackwellpublishing.com/products/journals/suppmat/jid/jid22225/jid22225sm.htm</a> . <i>Journal of Investigative Dermatology</i> , 2004, 122, 342-348. | 0.7 | 206       |
| 4  | Current Knowledge on Endocrine Disrupting Chemicals (EDCs) from Animal Biology to Humans, from Pregnancy to Adulthood: Highlights from a National Italian Meeting. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1647.  | 4.1 | 178       |
| 5  | BRAF mutations in metastatic melanoma: a possible association with clinical outcome. <i>Clinical Cancer Research</i> , 2003, 9, 3362-8.  | 7.0 | 156       |
| 6  | Single nucleotide polymorphisms in breast cancer. <i>Oncology Reports</i> , 2004, 11, 917-22.  | 2.6 | 114       |
| 7  | BRAF and NRAS Mutations Are Frequent in Nodular Melanoma but Are not Associated with Tumor Cell Proliferation or Patient Survival. <i>Journal of Investigative Dermatology</i> , 2005, 125, 312-317.   | 0.7 | 109       |
| 8  | Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. <i>Aging</i> , 2014, 6, 771-786.  | 3.1 | 105       |
| 9  | Modulation of Phase II Enzymes by Sulforaphane: Implications for Its Cardioprotective Potential. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5615-5622.  | 5.2 | 104       |
| 10 | MED12 mutations in leiomyosarcoma and extrauterine leiomyoma. <i>Modern Pathology</i> , 2013, 26, 743-749.   | 5.5 | 102       |
| 11 | Association between imatinib transporters and metabolizing enzymes genotype and response in newly diagnosed chronic myeloid leukemia patients receiving imatinib therapy. <i>Haematologica</i> , 2013, 98, 193-200.  | 3.5 | 96        |
| 12 | Micronuclei in humans induced by exposure to low level of ionizing radiation: influence of polymorphisms in DNA repair genes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 570, 105-117.   | 1.0 | 93        |
| 13 | Activating BRAF and N-Ras mutations in sporadic primary melanomas: an inverse association with allelic loss on chromosome 9. <i>Oncogene</i> , 2003, 22, 9217-9224.  | 5.9 | 88        |
| 14 | Micronuclei frequencies in hospital workers occupationally exposed to low levels of ionizing radiation: influence of smoking status and other factors. <i>Mutagenesis</i> , 2002, 17, 405-409.   | 2.6 | 78        |
| 15 | Polymorphisms in OCTN1 and OCTN2 transporters genes are associated with prolonged time to progression in unresectable gastrointestinal stromal tumours treated with imatinib therapy. <i>Pharmacological Research</i> , 2013, 68, 1-6.   | 7.1 | 64        |
| 16 | Single nucleotide polymorphisms in breast cancer. <i>Oncology Reports</i> , 2004, 11, 917.   | 2.6 | 63        |
| 17 | Spectrum of chromosomal aberrations in peripheral lymphocytes of hospital workers occupationally exposed to low doses of ionizing radiation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 547, 91-99.  | 1.0 | 61        |
| 18 | Melanocortin receptor 1 variants and melanoma risk: A study of 2 European populations. <i>International Journal of Cancer</i> , 2009, 125, 1868-1875.  | 5.1 | 61        |

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|----|---|-----|-----------|
| 19 | Effects of environmental benzene: Micronucleus frequencies and haematological values in traffic police working in an urban area. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 583, 1-11.   | 1.7 | 59        |
| 20 | Gastrointestinal stromal tumors (GIST): Facing cell death between autophagy and apoptosis. <i>Autophagy</i> , 2017, 13, 452-463.  | 9.1 | 59        |
| 21 | Genome-Wide Analysis Identifies MEN1 and MAX Mutations and a Neuroendocrine-Like Molecular Heterogeneity in Quadruple WT GIST. <i>Molecular Cancer Research</i> , 2017, 15, 553-562.  | 3.4 | 53        |
| 22 | Low frequency of BRAF and CDKN2A mutations in endometrial cancer. <i>International Journal of Cancer</i> , 2005, 115, 930-934.  | 5.1 | 46        |
| 23 | Mutations in the BRAF and N-ras genes in childhood acute lymphoblastic leukaemia. <i>Leukemia</i> , 2005, 19, 310-312.  | 7.2 | 45        |
| 24 | The c.480C>G polymorphism of hOCT1 influences imatinib clearance in patients affected by chronic myeloid leukemia. <i>Pharmacogenomics Journal</i> , 2014, 14, 328-335.   | 2.0 | 45        |
| 25 | Prognostic Role of miR-221 and miR-222 Expression in Cancer Patients: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2019, 11, 970.  | 3.7 | 43        |
| 26 | Exposure to low environmental levels of benzene: Evaluation of micronucleus frequencies and S-phenylmercapturic acid excretion in relation to polymorphisms in genes encoding metabolic enzymes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 719, 7-13. | 1.7 | 42        |
| 27 | Role of quercetin in modulating rat cardiomyocyte gene expression profile. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1233-H1243.   | 3.2 | 39        |
| 28 | Influence of common XPD and XRCC1 variant alleles on p53 mutations in lung tumors. <i>Environmental and Molecular Mutagenesis</i> , 2003, 41, 37-42.  | 2.2 | 35        |
| 29 | Trough concentration and ABCG2 polymorphism are better to predict imatinib response in chronic myeloid leukemia: a meta-analysis. <i>Pharmacogenomics</i> , 2017, 18, 35-56.  | 1.3 | 34        |
| 30 | Personalized Medicine in Gastrointestinal Stromal Tumor (GIST): Clinical Implications of the Somatic and Germline DNA Analysis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15592-15608.   | 4.1 | 32        |
| 31 | Association between the Germline MC1R Variants and Somatic BRAF/NRAS Mutations in Melanoma Tumors. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2844-2848.  | 0.7 | 31        |
| 32 | Micronucleus frequency in human peripheral blood lymphocytes as a biomarker for the early detection of colorectal cancer risk. <i>Mutagenesis</i> , 2014, 29, 221-225.  | 2.6 | 31        |
| 33 | ARID1A and CTNNB1/β-Catenin Molecular Status Affects the Clinicopathologic Features and Prognosis of Endometrial Carcinoma: Implications for an Improved Surrogate Molecular Classification. <i>Cancers</i> , 2021, 13, 950.  | 3.7 | 31        |
| 34 | Key Genetic and Epigenetic Mechanisms in Chemical Carcinogenesis. <i>Toxicological Sciences</i> , 2015, 148, 2-13.  | 3.1 | 30        |
| 35 | Clinical relevance of pharmacogenetics in gastrointestinal stromal tumor treatment in the era of personalized therapy. <i>Pharmacogenomics</i> , 2013, 14, 941-956.   | 1.3 | 28        |
| 36 | miRNA profiling in gastrointestinal stromal tumors: implication as diagnostic and prognostic markers. <i>Epigenomics</i> , 2015, 7, 1033-1049.  | 2.1 | 27        |

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|----|--|-----|-----------|
| 37 | Inherited susceptibility to bleomycin-induced micronuclei: Correlating polymorphisms in GSTT1, GSTM1 and DNA repair genes with mutagen sensitivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 638, 90-97.   | 1.0 | 26        |
| 38 | Environmental exposure to benzene, micronucleus formation and polymorphisms in DNA-repair genes: A pilot study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 743, 99-104.   | 1.7 | 25        |
| 39 | Gastric Adenocarcinomas and Signet-Ring Cell Carcinoma: Unraveling Gastric Cancer Complexity through Microbiome Analysis – Deepening Heterogeneity for a Personalized Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9735.  | 4.1 | 25        |
| 40 | Pharmacogenetics of tyrosine kinase inhibitors in gastrointestinal stromal tumor and chronic myeloid leukemia. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 733-742.  | 3.3 | 24        |
| 41 | Integrating miRNA and gene expression profiling analysis revealed regulatory networks in gastrointestinal stromal tumors. <i>Epigenomics</i> , 2016, 8, 1347-1366.   | 2.1 | 23        |
| 42 | Gain of FGF4 is a frequent event in KIT/PDGFR $\alpha$ /SDH/RAS $\pm$ WT GIST. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 636-642.  | 2.8 | 22        |
| 43 | Simultaneous Analysis of SEPT9 Promoter Methylation Status, Micronuclei Frequency, and Folate-Related Gene Polymorphisms: The Potential for a Novel Blood-Based Colorectal Cancer Biomarker. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28486-28497.   | 4.1 | 21        |
| 44 | An exploratory study by DMET array identifies a germline signature associated with imatinib response in gastrointestinal stromal tumor. <i>Pharmacogenomics Journal</i> , 2019, 19, 390-400.   | 2.0 | 20        |
| 45 | Polymorphisms in DNA repair genes in gastrointestinal stromal tumours: susceptibility and correlation with tumour characteristics and clinical outcome. <i>Tumor Biology</i> , 2016, 37, 13413-13423.  | 1.8 | 19        |
| 46 | Impact of SLC22A1 and CYP3A5 genotypes on imatinib response in chronic myeloid leukemia: A systematic review and meta-analysis. <i>Pharmacological Research</i> , 2018, 131, 244-254.  | 7.1 | 19        |
| 47 | Folate-related polymorphisms in gastrointestinal stromal tumours: susceptibility and correlation with tumour characteristics and clinical outcome. <i>European Journal of Human Genetics</i> , 2015, 23, 817-823.  | 2.8 | 17        |
| 48 | Old wild wolves: ancient DNA survey unveils population dynamics in Late Pleistocene and Holocene Italian remains. <i>PeerJ</i> , 2019, 7, e6424.   | 2.0 | 17        |
| 49 | Can miRNAs be useful biomarkers in improving prognostic stratification in endometrial cancer patients? An update review. <i>International Journal of Cancer</i> , 2022, 150, 1077-1090.  | 5.1 | 16        |
| 50 | Polymorphisms in DNA repair genes: link with biomarkers of the CBMN cytome assay in hospital workers chronically exposed to low doses of ionising radiation / Polimorfizmi u genima za popravak DNA: poveznica s biomarkerima mikronukleus-testa u medicinskih radnika kroniÅno izloÅenih niskim dozama ionizirajuÅeg zraÅenja. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2015, 66, 109-120. | 0.7 | 15        |
| 51 | Clinical relevance of circulating molecules in cancer: focus on gastrointestinal stromal tumors. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591983190.  | 3.2 | 15        |
| 52 | Preferential MGMT methylation could predispose a subset of KIT/PDGFR $\alpha$ -WT GISTs, including SDH-deficient ones, to respond to alkylating agents. <i>Clinical Epigenetics</i> , 2019, 11, 2.   | 4.1 | 15        |
| 53 | The Sicilian Wolf: Genetic Identity of a Recently Extinct Insular Population. <i>Zoological Science</i> , 2019, 36, 189.   | 0.7 | 14        |
| 54 | A molecular epidemiological approach to health risk assessment of urban air pollution. <i>Toxicology Letters</i> , 2004, 149, 261-267.   | 0.8 | 13        |

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|----|---|-----|-----------|
| 55 | Application of the lymphocyte Cytokinesis-Block Micronucleus Assay to populations exposed to petroleum and its derivatives: Results from a systematic review and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 58-72. | 5.5 | 13        |
| 56 | Gastroblastoma in old age. <i>Histopathology</i> , 2019, 75, 778-782.   | 2.9 | 13        |
| 57 | Micronuclei frequency induced by bleomycin in human peripheral lymphocytes: Correlating BLHX polymorphism with mutagen sensitivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 639, 20-26.                      | 1.0 | 12        |
| 58 | An exploratory association of polymorphisms in angiogenesis-related genes with susceptibility, clinical response and toxicity in gastrointestinal stromal tumors receiving sunitinib after imatinib failure. <i>Angiogenesis</i> , 2017, 20, 139-148.       | 7.2 | 10        |
| 59 | Electrocardiogram Alterations Associated With Psychotropic Drug Use and CACNA1C Gene Variants in Three Independent Samples. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 482-490.   | 2.5 | 10        |
| 60 | The rs17084733 variant in the <i>KIT</i> 3' UTR disrupts a miR-221/222 binding site in gastrointestinal stromal tumour: a sponge-like mechanism conferring disease susceptibility. <i>Epigenetics</i> , 2019, 14, 545-557.                                  | 2.7 | 10        |
| 61 | Gene duplication, rather than epigenetic changes, drives FGF4 overexpression in KIT/PDGFR $\alpha$ /SDH/RAS-P WT GIST. <i>Scientific Reports</i> , 2020, 10, 19829.   | 3.3 | 10        |
| 62 | Gene Expression Profiling of PDGFR $\alpha$ Mutant GIST Reveals Immune Signatures as a Specific Fingerprint of D842V Exon 18 Mutation. <i>Frontiers in Immunology</i> , 2020, 11, 851.  | 4.8 | 10        |
| 63 | Relationship between Lipid Phenotypes, Overweight, Lipid Lowering Drug Response and KIF6 and HMG-CoA Genotypes in a Subset of the Brisighella Heart Study Population. <i>International Journal of Molecular Sciences</i> , 2018, 19, 49.                    | 4.1 | 9         |
| 64 | GH and IGF System: The Regulatory Role of miRNAs and lncRNAs in Cancer. <i>Frontiers in Endocrinology</i> , 2021, 12, 701246.   | 3.5 | 9         |
| 65 | Identification of miR-499a-5p as a Potential Novel Biomarker for Risk Stratification in Endometrial Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 757678.  | 2.8 | 9         |
| 66 | Simultaneous detection of the exon 10 polymorphism and a novel intronic single base insertion polymorphism in the XPD gene using single strand conformation polymorphism. <i>Mutagenesis</i> , 2003, 18, 207-209.   | 2.6 | 6         |
| 67 | The Influence of Individual Genome Sensitivity in DNA Damage Repair Assessment in Chronic Professional Exposure to Low Doses of Ionizing Radiation. , 0, , .  |     | 6         |
| 68 | The genetic legacy of the Yaghnobis: A witness of an ancient Eurasian ancestry in the historically reshuffled central Asian gene pool. <i>American Journal of Physical Anthropology</i> , 2019, 168, 717-728.   | 2.1 | 6         |
| 69 | The "Elderly" Lesson in a "Stressful" Life: Italian Holistic Approach to Increase COVID-19 Prevention and Awareness. <i>Frontiers in Endocrinology</i> , 2020, 11, 579401.  | 3.5 | 6         |
| 70 | Relevance of ARID1A Mutations in Endometrial Carcinomas. <i>Diagnostics</i> , 2022, 12, 592.  | 2.6 | 6         |
| 71 | Socio-Economic and Clinical Factors as Predictors of Disease Evolution and Acute Events in COPD Patients. <i>PLoS ONE</i> , 2015, 10, e0135116.   | 2.5 | 5         |
| 72 | Analysis of microbiome in gastrointestinal stromal tumors: Looking for different players in tumorigenesis and novel therapeutic options. <i>Cancer Science</i> , 2022, 113, 2590-2599.  | 3.9 | 4         |

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|----|--|-----|-----------|
| 73 | Blood Biomarkers Linked to Oxidative Stress and Chronic Inflammation for Risk Assessment of Colorectal Neoplasia. <i>Current Colorectal Cancer Reports</i> , 2013, 9, 85-94.   | 0.5 | 3         |
| 74 | Toward Precision Medicine: How Far Is the Goal?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 245.   | 4.1 | 3         |
| 75 | Role of Circulating miRNAs in Therapeutic Response in Epithelial Ovarian Cancer: A Systematic Revision. <i>Biomedicines</i> , 2021, 9, 1316.   | 3.2 | 3         |
| 76 | &lt;p&gt;Mechanisms of resistance to a PI3K inhibitor in gastrointestinal stromal tumors: an &lt;em&gt;omic&lt;/em&gt; approach to identify novel druggable targets&lt;/p&gt;. <i>Cancer Management and Research</i> , 2019, Volume 11, 6229-6244.                             | 1.9 | 2         |
| 77 | Pharmacogenetics in the treatment of gastrointestinal stromal tumors â€“ an updated review. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 797-808.   | 3.3 | 2         |
| 78 | miRNA landscape in primary tumors and matched metastases in gastrointestinal stromal tumors. <i>Epigenomics</i> , 2021, 13, 369-377.   | 2.1 | 2         |
| 79 | Somatic pharmacogenomics of gastrointestinal stromal tumor. , 2019, 2, 107-115.  |     | 1         |
| 80 | Emerging Role of MicroRNAs in the Therapeutic Response in Cervical Cancer: A Systematic Review. <i>Frontiers in Oncology</i> , 0, 12, .  | 2.8 | 1         |
| 81 | A meta-analysis of Italian and Estonian individuals shows an effect of common variants in HMCCR on blood apoB levels. <i>Biomarkers in Medicine</i> , 2019, 13, 931-940.   | 1.4 | 0         |
| 82 | Editorial: Liquid Biopsy as a Tool for Precision Oncology: New Challenges to Assess Clinical Response. <i>Frontiers in Pharmacology</i> , 2020, 11, 598261.  | 3.5 | 0         |
| 83 | Multidrug Resistance Gene (MDR1) Polymorphisms May Serve as Predictors of Resistance to Imatinib in Chronic Phase Chronic Myeloid Leukemia Patients.. <i>Blood</i> , 2007, 110, 1946-1946.   | 1.4 | 0         |
| 84 | Association Between Imatinib (IM) Transporters and Metabolizing Enzymes Genotype and Response in Newly Diagnosed Chronic Myeloid Leukemia (CML) Patients (Pts) Is Influenced by Ethnicity.. <i>Blood</i> , 2009, 114, 3283-3283.   | 1.4 | 0         |
| 85 | Specific Drug Transporter Genotypes Are Significantly Associated with Increased Rates of Major and Complete Molecular Responses In Newly Diagnosed Chronic Myeloid Leukemia Patients Treated with Imatinib â€“ A TOPS Correlative Substudy. <i>Blood</i> , 2010, 116, 670-670. | 1.4 | 0         |
| 86 | Absence of mutations in the human interferon alpha-2b gene in workers chronically exposed to ionising radiation. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2019, 70, 104-108.  | 0.7 | 0         |