Simonetta Guarrera

List of Publications by Year
in descending order

78 papers	9,477 citations	94433 37 h-index	69250 77 g-index
80 all docs	80 docs citations	80 times ranked	17022 citing authors

#	Article	IF	Citations
1	Association of serum MicroRNA-145-5p levels with microvascular complications of type 1 Diabetes: The EURODIAB prospective complications study. Diabetes Research and Clinical Practice, 2022, 190, 109987.	2.8	2
2	Personalized therapeutic strategies in HER2-driven gastric cancer. Gastric Cancer, 2021, 24, 897-912.	5.3	6
3	New DNA Methylation Signals for Malignant Pleural Mesothelioma Risk Assessment. Cancers, 2021, 13, 2636.	3.7	6
4	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature Genetics, 2021, 53, 1311-1321.	21.4	218
5	Genetic and Epigenetic Characterization of a Discordant KMT2A/AFF1-Rearranged Infant Monozygotic Twin Pair. International Journal of Molecular Sciences, 2021, 22, 9740.	4.1	1
6	DNA Methylation of FKBP5 as Predictor of Overall Survival in Malignant Pleural Mesothelioma. Cancers, 2020, 12, 3470.	3.7	9
7	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. Circulation, 2019, 140, 645-657.	1.6	151
8	Improving the prediction of cardiovascular risk with machine-learning and DNA methylation data. , 2019, , .		1
9	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
10	Peripheral Blood DNA Methylation as Potential Biomarker of Malignant Pleural Mesothelioma in Asbestos-Exposed Subjects. Journal of Thoracic Oncology, 2019, 14, 527-539.	1.1	28
11	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. Aging, 2019, 11, 2045-2070.	3.1	137
12	Genetics and Epigenetics of Mesothelioma. , 2019, , 45-67.		0
13	Epigenome-wide association study of adiposity and future risk of obesity-related diseases. International Journal of Obesity, 2018, 42, 2022-2035.	3.4	43
14	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. EBioMedicine, 2018, 38, 206-216.	6.1	43
15	MMP23B expression and protein levels in blood and urine are associated with bladder cancer. Carcinogenesis, 2018, 39, 1254-1263.	2.8	9
16	Discovery of methylated circulating DNA biomarkers for comprehensive non-invasive monitoring of treatment response in metastatic colorectal cancer. Gut, 2018, 67, 1995-2005.	12.1	188
17	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	11.4	298
18	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. Nature, 2017, 541, 81-86.	27.8	743

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19	Telomerase activity, telomere length and hTERT DNA methylation in peripheral blood mononuclear cells from monozygotic twins with discordant smoking habits. Environmental and Molecular Mutagenesis, 2017, 58, 551-559.	2.2	8
20	Lymphoblastoid cell lines from Diamond Blackfan anaemia patients exhibit a full ribosomal stress phenotype that is rescued by gene therapy. Scientific Reports, 2017, 7, 12010.	3.3	19
21	Germline mutations in DNA repair genes predispose asbestos-exposed patients to malignant pleural mesothelioma. Cancer Letters, 2017, 405, 38-45.	7.2	80
22	Epigenetic Signatures at AQP3 and SOCS3 Engage in Low-Grade Inflammation across Different Tissues. PLoS ONE, 2016, 11, e0166015.	2.5	14
23	Association between Beta₁-Adrenergic Receptor Polymorphism and Risk of ICD Shock in Heart Failure Patients. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 557-564.	1.2	2
24	H2AX phosphorylation level in peripheral blood mononuclear cells as an eventâ€free survival predictor for bladder cancer. Molecular Carcinogenesis, 2016, 55, 1833-1842.	2.7	15
25	The Italian genome reflects the history of Europe and the Mediterranean basin. European Journal of Human Genetics, 2016, 24, 1056-1062.	2.8	40
26	Identification of a novel susceptibility locus at 13q34 and refinement of the 20p12.2 region as a multi-signal locus associated with bladder cancer risk in individuals of European ancestry. Human Molecular Genetics, 2016, 25, 1203-1214.	2.9	38
27	Epigenetic signatures of internal migration in Italy. International Journal of Epidemiology, 2015, 44, 1442-1449.	1.9	17
28	Geneâ€“asbestos interaction in malignant pleural mesothelioma susceptibility. Carcinogenesis, 2015, 36, 1129-1135.	2.8	34
29	Characterization of whole-genome autosomal differences of DNA methylation between men and women. Epigenetics and Chromatin, 2015, 8, 43.	3.9	176
30	Inference on germline BAP1 mutations and asbestos exposure from the analysis of familial and sporadic mesothelioma in a highâ€risk area. Genes Chromosomes and Cancer, 2015, 54, 51-62.	2.8	55
31	Novel Epigenetic Changes Unveiled by Monozygotic Twins Discordant for Smoking Habits. PLoS ONE, 2015, 10, e0128265.	2.5	49
32	Prediagnostic telomere length and risk of B-cell lymphoma-Results from the EPIC cohort study. International Journal of Cancer, 2014, 135, 2910-2917.	5.1	26
33	Shorter Leukocyte Telomere Length Is Independently Associated with Poor Survival in Patients with Bladder Cancer. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2439-2446.	2.5	29
34	Effects of Long-Term Averaging of Quantitative Blood Pressure Traits on the Detection of Genetic Associations. American Journal of Human Genetics, 2014, 95, 49-65.	6.2	73
35	Sardinians Genetic Background Explained by Runs of Homozygosity and Genomic Regions under Positive Selection. PLoS ONE, 2014, 9, e91237.	2.5	37
36	Inter-individual variation in nucleotide excision repair pathway is modulated by non-synonymous polymorphisms in ERCC4 and MBD4 genes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2013, 751-752, 49-54.	1.0	10

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37	A genome-wide association study for malignant mesothelioma risk. Lung Cancer, 2013, 82, 1-8.	2.0	45
38	Next generation sequencing and rare genetic variants: From human population studies to medical genetics. Environmental and Molecular Mutagenesis, 2013, 54, 518-532.	2.2	10
39	Polymorphisms in theXRCC1gene modify survival of bladder cancer patients treated with chemotherapy. International Journal of Cancer, 2013, 133, 2004-2009.	5.1	27
40	Validation of the nucleotide excision repair comet assay on cryopreserved PBMCs to measure inter-individual variation in DNA repair capacity. Mutagenesis, 2013, 28, 65-70.	2.6	14
41	Genetic Variants Associated with Increased Risk of Malignant Pleural Mesothelioma: A Genome-Wide Association Study. PLoS ONE, 2013, 8, e61253.	2.5	71
42	Role of the 12q24.12 locus in the onset of preeclampsia: an Italian case-control study. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 1228-1232.	1.5	2
43	Association Between Total Number of Deaths, Diabetes Mellitus, Incident Cancers, and Haplotypes in Chromosomal Region 8q24 in a Prospective Study. American Journal of Epidemiology, 2012, 175, 479-487.	3.4	8
44	Genomewide Association Study Using a High-Density Single Nucleotide Polymorphism Array and Case-Control Design Identifies a Novel Essential Hypertension Susceptibility Locus in the Promoter Region of Endothelial NO Synthase. Hypertension, 2012, 59, 248-255.	2.7	144
45	DNA repair gene expression level in peripheral blood and tumour tissue from non-small cell lung cancer and head and neck squamous cell cancer patients. DNA Repair, 2012, 11, 374-380.	2.8	28
46	An Overview of the Genetic Structure within the Italian Population from Genome-Wide Data. PLoS ONE, 2012, 7, e43759.	2.5	49
47	Telomere Length Variation in Juvenile Acute Myocardial Infarction. PLoS ONE, 2012, 7, e49206.	2.5	10
48	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
49	Involvement of MRE11A and XPA gene polymorphisms in the modulation of DNA double-strand break repair activity: A genotypeâ€“phenotype correlation study. DNA Repair, 2011, 10, 1044-1050.	2.8	12
50	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	2.9	168
51	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124.	7.1	258
52	European genome-wide association study identifies SLC14A1 as a new urinary bladder cancer susceptibility gene. Human Molecular Genetics, 2011, 20, 4268-4281.	2.9	134
53	ERCC1 haplotypes modify bladder cancer risk: A caseâ€“control study. DNA Repair, 2010, 9, 191-200.	2.8	30
54	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. Nature Genetics, 2010, 42, 415-419.	21.4	169

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55	A multi-stage genome-wide association study of bladder cancer identifies multiple susceptibility loci. Nature Genetics, 2010, 42, 978-984.	21.4	493
56	Polymorphic DNA repair and metabolic genes: a multigenic study on gastric cancer. Mutagenesis, 2010, 25, 569-575.	2.6	95
57	Malondialdehydeâ^'Deoxyguanosine Adduct Formation in Workers of Pathology Wards: The Role of Air Formaldehyde Exposure. Chemical Research in Toxicology, 2010, 23, 1342-1348.	3.3	62
58	A Field Synopsis on Low-Penetrance Variants in DNA Repair Genes and Cancer Susceptibility. Journal of the National Cancer Institute, 2009, 101, 24-36.	6.3	149
59	Polymorphisms in DNA Repair Genes, Smoking, and Bladder Cancer Risk: Findings from the International Consortium of Bladder Cancer. Cancer Research, 2009, 69, 6857-6864.	0.9	107
60	Double-strand break DNA repair genotype predictive of later mortality and cancer incidence in a cohort of non-smokers. DNA Repair, 2009, 8, 60-71.	2.8	4
61	Differential Greek and northern African migrations to Sicily are supported by genetic evidence from the Y chromosome. European Journal of Human Genetics, 2009, 17, 91-99.	2.8	43
62	Genome-wide association study identifies eight loci associated with blood pressure. Nature Genetics, 2009, 41, 666-676.	21.4	1,104
63	Genetic variation in the prostate stem cell antigen gene PSCA confers susceptibility to urinary bladder cancer. Nature Genetics, 2009, 41, 991-995.	21.4	321
64	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. Nature Genetics, 2008, 40, 1307-1312.	21.4	377
65	DNA Repair Polymorphisms Modify Bladder Cancer Risk: A Multi-factor Analytic Strategy. Human Heredity, 2008, 65, 105-118.	0.8	101
66	Intake of fruits and vegetables and polymorphisms in DNA repair genes in bladder cancer. Mutagenesis, 2007, 22, 281-285.	2.6	28
67	Lactase Persistence and Bitter Taste Response: Instrumental Variables and Mendelian Randomization in Epidemiologic Studies of Dietary Factors and Cancer Risk. American Journal of Epidemiology, 2007, 166, 576-581.	3.4	94
68	Expression of DNA repair and metabolic genes in response to a flavonoid-rich diet. British Journal of Nutrition, 2007, 98, 525-533.	2.3	31
69	Synergistic effect of renin-angiotensin system and nitric oxide synthase genes polymorphisms in pre-eclampsia. Acta Obstetricia Et Gynecologica Scandinavica, 2007, 86, 678-682.	2.8	30
70	TP53 and KRAS2 Mutations in Plasma DNA of Healthy Subjects and Subsequent Cancer Occurrence: A Prospective Study. Cancer Research, 2006, 66, 6871-6876.	0.9	158
71	Intracoronary Î²-irradiation prevents excessive in-stent neointimal proliferation in de novo lesions of patients with high plasma ACE levels. The BetAce randomized trial. Cardiovascular Revascularization Medicine, 2005, 6, 7-13.	0.8	3
72	Association Between Aryl Hydrocarbon Receptor Genotype and Survival in Soft Tissue Sarcoma. Journal of Clinical Oncology, 2004, 22, 3997-4001.	1.6	28

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73	Interaction between gene polymorphisms of nitric oxide synthase and renin-angiotensin system in the progression of membranous glomerulonephritis. Nephrology Dialysis Transplantation, 2004, 19, 587-595.	0.7	20
74	Effect of angiotensin-converting enzyme inhibition on restenosis after coronary stenting. American Journal of Cardiology, 2003, 91, 154-158.	1.6	38
75	Estrogen Receptor-Î± Polymorphisms and Angiographic Outcome After Coronary Artery Stenting. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 2223-2228.	2.4	42
76	DNA repair gene polymorphisms, bulky DNA adducts in white blood cells and bladder cancer in a case-control study. International Journal of Cancer, 2001, 92, 562-567.	5.1	267
77	DNA adduct levels and DNA repair polymorphisms in traffic-exposed workers and a general population sample. International Journal of Cancer, 2001, 94, 121-127.	5.1	125
78	Are HLA class II and immunoglobulin constant region genes involved in the pathogenesis of mixed cryoglobulinemia type II after hepatitis C virus infection?. Journal of Hepatology, 1998, 29, 36-44.	3.7	29