Renato Mariani-Costantini

List of Publications by Year in descending order

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129 papers 4,139 citations

94269 37 h-index 57 g-index

134 all docs

134 docs citations

times ranked

134

6085 citing authors

#	Article	IF	Citations
1	A monoclonal antibody (B72.3) defines patterns of distribution of a novel tumor-associated antigen in human mammary carcinoma cell populations. International Journal of Cancer, 1982, 29, 539-545.	2.3	301
2	Epidemiological transition of colorectal cancer in developing countries: Environmental factors, molecular pathways, and opportunities for prevention. World Journal of Gastroenterology, 2014, 20, 6055.	1.4	203
3	Sudden death in prinzmetal's angina with coronary spasm documented by angiography. American Journal of Cardiology, 1982, 50, 203-210.	0.7	126
4	Extracellular Vesicles as Signaling Mediators and Disease Biomarkers across Biological Barriers. International Journal of Molecular Sciences, 2020, 21, 2514.	1.8	121
5	Gastric cancer with high-level microsatellite instability: target gene mutations, clinicopathologic features, and long-term survival. Human Pathology, 2008, 39, 925-932.	1.1	119
6	APC gene mutations and colorectal adenomatosis in familial adenomatous polyposis. British Journal of Cancer, 2000, 82, 348-353.	2.9	101
7	BRCA1 and BRCA2 mutation status and tumor characteristics in male breast cancer: a population-based study in Italy. Cancer Research, 2003, 63, 342-7.	0.4	84
8	The Intestinal Nuclear Receptor Signature With Epithelial Localization Patterns and Expression Modulation in Tumors. Gastroenterology, 2010, 138, 636-648.e12.	0.6	80
9	Genetic studies of African populations: an overview on disease susceptibility and response to vaccines and therapeutics. Human Genetics, 2008, 123, 557-598.	1.8	79
10	Pathological, clinical and prognostic characteristics of breast cancer in Central Sudan versus Northern Italy: implications for breast cancer in Africa. Histopathology, 2008, 52, 445-456.	1.6	77
11	Genetic Alterations in Thyroid Carcinoma Associated with Familial Adenomatous Polyposis: Clinical Implications and Suggestions for Early Detection. World Journal of Surgery, 1998, 22, 1231-1236.	0.8	75
12	Mitochondrial DNA from Prehistoric Canids Highlights Relationships Between Dogs and South-East European Wolves. Molecular Biology and Evolution, 2005, 22, 2541-2551.	3.5	68
13	Healing rituals and sacred serpents. Lancet, The, 1992, 340, 223-225.	6.3	67
14	Sporadic childhood hepatoblastomas show activation of \hat{l}^2 -catenin, mismatch repair defects and p53 mutations. Modern Pathology, 2008, 21, 7-14.	2.9	65
15	Subcellular localization of the BRCA1 gene product in mitotic cells. Genes Chromosomes and Cancer, 2002, 35, 193-203.	1.5	64
16	The Insulin Receptor Substrate 1 (Irs1) in Intestinal Epithelial Differentiation and in Colorectal Cancer. PLoS ONE, 2012, 7, e36190.	1.1	60
17	Autophagy as an ultrastructural marker of heavy metal toxicity in human cord blood hematopoietic stem cells. Science of the Total Environment, 2008, 392, 50-58.	3.9	58
18	The Role of Wait-and-Scan and the Efficacy of Radiotherapy in the Treatment of Temporal Bone Paragangliomas. Otology and Neurotology, 2014, 35, 922-931.	0.7	58

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19	Lipidâ€sensing nuclear receptors in the pathophysiology and treatment of the metabolic syndrome. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2011, 3, 562-587.	6.6	56
20	BRCA1 and BRCA2 status in a Central Sudanese series of breast cancer patients: interactions with genetic, ethnic and reproductive factors. Breast Cancer Research and Treatment, 2007, 102, 189-199.	1.1	55
21	Novel mutations and inactivation of both alleles of the APC gene in desmoid tumors. Human Molecular Genetics, 1995, 4, 1979-1981.	1.4	54
22	J1-M267 Y lineage marks climate-driven pre-historical human displacements. European Journal of Human Genetics, 2009, 17, 1520-1524.	1.4	54
23	Palladium Nanoparticles Induce Disturbances in Cell Cycle Entry and Progression of Peripheral Blood Mononuclear Cells: Paramount Role of Ions. Journal of Immunology Research, 2014, 2014, 1-8.	0.9	51
24	Microsatellite instability and pathological aspects of breast cancer. International Journal of Cancer, 1995, 64, 264-268.	2.3	50
25	Immunohistochemical reactivity of a monoclonal antibody prepared against human breast carcinoma. Virchows Archiv A, Pathological Anatomy and Histopathology, 1984, 402, 389-404.	1.4	47
26	Analysis of adenomatous polyposis coli gene in thyroid tumours. British Journal of Cancer, 1994, 70, 1085-1088.	2.9	47
27	A complex pattern of mutations and abnormal splicing of Smad4 is present in thyroid tumours. Oncogene, 2005, 24, 5344-5354.	2.6	47
28	Cytotoxicity and morphological transforming potential of cobalt nanoparticles, microparticles and ions in Balb/3T3 mouse fibroblasts: an <i>in vitro</i> in vitro	1.6	47
29	MRE11 expression is impaired in gastric cancer with microsatellite instability. Carcinogenesis, 2004, 25, 2337-2343.	1.3	46
30	A Novel T608R Missense Mutation in Insulin Receptor Substrate-1 Identified in a Subject with Type 2 Diabetes Impairs Metabolic Insulin Signaling. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1468-1475.	1.8	45
31	Over-expression of the <i>miR-483-3p</i> overcomes the miR-145/TP53 pro-apoptotic loop in hepatocellular carcinoma. Oncotarget, 2016, 7, 31361-31371.	0.8	45
32	New light on cranial surgery in ancient Rome. Lancet, The, 2000, 355, 305-307.	6.3	44
33	Mutations at coding mononucleotide repeats in gastric cancer with the microsatellite mutator phenotype. Oncogene, 1998, 16, 2767-2772.	2.6	43
34	Interaction with culture medium components, cellular uptake and intracellular distribution of cobalt nanoparticles, microparticles and ions in Balb/3T3 mouse fibroblasts. Nanotoxicology, 2014, 8, 88-99.	1.6	43
35	Integrin \hat{l}^2 4 Expression in the Neoplastic Progression of Cervical Epithelium. Gynecologic Oncology, 1993, 49, 61-66.	0.6	42
36	Nuclear receptors in regenerating liver and hepatocellular carcinoma. Molecular and Cellular Endocrinology, 2013, 368, 108-119.	1.6	40

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37	Mutations of APC and MYH in unrelated Italian patients with adenomatous polyposis coli. Human Mutation, 2005, 26, 394-394.	1.1	39
38	ErbB-receptors expression and survival in breast carcinoma: A 15-year follow-up study. Journal of Cellular Physiology, 2006, 206, 702-708.	2.0	37
39	Effects of Palladium Nanoparticles on the Cytokine Release from Peripheral Blood Mononuclear Cells of Palladium-Sensitized Women. Journal of Occupational and Environmental Medicine, 2011, 53, 1054-1060.	0.9	36
40	Regulation of miR-483-3p by the O-linked N-acetylglucosamine transferase links chemosensitivity to glucose metabolism in liver cancer cells. Oncogenesis, 2017, 6, e328-e328.	2.1	36
41	Microsatellite instability in thyroid tumours and tumour-like lesions. British Journal of Cancer, 1999, 79, 340-345.	2.9	35
42	Identification of a Novel Mutation Affecting Domain V of the 23S rRNA Gene inHelicobacter pylori. Helicobacter, 2004, 9, 396-399.	1.6	35
43	Autophagy in hematopoietic stem/progenitor cells exposed to heavy metals: Biological implications and toxicological relevance. Autophagy, 2008, 4, 537-539.	4.3	35
44	Cancer in the Sudan: An overview of the current status of knowledge on tumor patterns and risk factors. Science of the Total Environment, 2012, 423, 214-228.	3.9	35
45	BRCA1 and BRCA2 mutations in central and southern Italian patients. Breast Cancer Research, 2000, 2, 307-10.	2.2	33
46	BRCA1 and BRCA2 mutations in breast/ovarian cancer patients from central Italy. Human Mutation, 2003, 22, 178-179.	1.1	32
47	Sensitivity Enhancement of the Cytologic Detection of Cancer Cells in Effusions by Monoclonal Antibodies. American Journal of Clinical Pathology, 1985, 83, 571-576.	0.4	31
48	Congenital hypertrophy of the retinal pigment epithelium in familial adenomatous polyposis: Novel criteria of assessment and correlations with constitutional adenomatous polyposis coli gene mutations., 1996, 78, 2400-2410.		31
49	Genetic evidence that juvenile nasopharyngeal angiofibroma is an integral FAP tumour. Gut, 2005, 54, 1046-1047.	6.1	31
50	Systemic administration of recombinant interferon alfa in carcinoma patients upregulates the expression of the carcinoma-associated antigens tumor-associated glycoprotein-72 and carcinoembryonic antigen Journal of Clinical Oncology, 1996, 14, 2031-2042.	0.8	30
51	Effects of PPARα inhibition in head and neck paraganglioma cells. PLoS ONE, 2017, 12, e0178995.	1.1	30
52	A gene-environment interaction between occupation and BRCA1/BRCA2 mutations in male breast cancer?. European Journal of Cancer, 2004, 40, 2474-2479.	1.3	29
53	DNA methylation of shelf, shore and open sea CpG positions distinguish high microsatellite instability from low or stable microsatellite status colon cancer stem cells. Epigenomics, 2019, 11, 587-604.	1.0	29
54	High cell kinetics is associated with amplification of theint-2,bcl-1,myc anderbB-2 proto-oncogenes and loss of heterozygosity at the DF3 locus in primary breast cancers. International Journal of Cancer, 1995, 61, 1-6.	2.3	28

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55	Integrative genetic, epigenetic and pathological analysis of paraganglioma reveals complex dysregulation of NOTCH signaling. Acta Neuropathologica, 2013, 126, 575-594.	3.9	27
56	Allele-specific loss and transcription of the miR-15a/16-1 cluster in chronic lymphocytic leukemia. Leukemia, 2015, 29, 86-95.	3.3	27
57	High-risk human papilloma virus infection, tumor pathophenotypes, and BRCA1/2 and TP53 status in juvenile breast cancer. Breast Cancer Research and Treatment, 2010, 122, 671-683.	1.1	26
58	Effects of dichloroacetate as single agent or in combination with GW6471 and metformin in paraganglioma cells. Scientific Reports, 2018, 8, 13610.	1.6	26
59	New European fossil hominid material from an Acheulean site near Rome (Castel di Guido). American Journal of Physical Anthropology, 1983, 62, 263-274.	2.1	25
60	Multiplex PCR analysis and genotype-phenotype correlations of frequentAPC mutations. Human Mutation, 1995, 5, 144-152.	1.1	24
61	Microsatellite Instability in Primary and Metastatic Melanoma. Journal of Investigative Dermatology, 1997, 109, 119-120.	0.3	24
62	TP53 in gastric cancer: Mutations in the L3 loop and LSH motif DNA-binding domains of TP53 predict poor outcome. Journal of Cellular Physiology, 2004, 200, 476-485.	2.0	24
63	Increased Variance in Germline Allele-Specific Expression of APC Associates With Colorectal Cancer. Gastroenterology, 2012, 142, 71-77.e1.	0.6	24
64	Clustering Nuclear Receptors in Liver Regeneration Identifies Candidate Modulators of Hepatocyte Proliferation and Hepatocarcinoma. PLoS ONE, 2014, 9, e104449.	1.1	24
65	Instability at sequence repeats in melanocytic tumours. Melanoma Research, 2001, 11, 283-289.	0.6	23
66	<i>P53</i> mutations in colorectal cancer from northern Iran: Relationships with site of tumor origin, microsatellite instability and Kâ€ <i>ras</i> mutations. Journal of Cellular Physiology, 2008, 216, 543-550.	2.0	23
67	Transcript dosage effect in familial adenomatous polyposis: Model offered by two kindreds with exon 9APC gene mutations. , 1998, 11, 197-201.		22
68	Different Expressivity of BRCA1 and BRCA2: Analysis of 179 Italian Pedigrees with Identified Mutation. Breast Cancer Research and Treatment, 2003, 81, 71-79.	1.1	22
69	Expression and localisation of insulin receptor substrate 2 in normal intestine and colorectal tumours. Regulation by intestine-specific transcription factor CDX2. Gut, 2009, 58, 1250-1259.	6.1	21
70	Combined use of MLPA and nonfluorescent multiplex PCR analysis by high performance liquid chromatography for the detection of genomic rearrangements. Human Mutation, 2006, 27, 1047-1056.	1.1	20
71	SEL1L, an UPR Response Protein, a Potential Marker of Colonic Cell Transformation. Digestive Diseases and Sciences, 2012, 57, 905-912.	1.1	20
72	Paragangliomas arise through an autonomous vasculo-angio-neurogenic program inhibited by imatinib. Acta Neuropathologica, 2018, 135, 779-798.	3.9	20

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73	Tumour-associated antigens in mammary and extramammary Paget's disease. Virchows Archiv A, Pathological Anatomy and Histopathology, 1985, 405, 333-340.	1.4	19
74	In situ detection of c-myc mRNA in adenocarcinomas, adenomas, and mucosa of human colon Journal of Histochemistry and Cytochemistry, 1989, 37, 293-298.	1.3	19
7 5	Neuron-Derived Orphan Receptor 1 Promotes Proliferation of Quiescent Hepatocytes. Gastroenterology, 2013, 144, 1518-1529.e3.	0.6	18
76	BRCA1 point mutations in premenopausal breast cancer patients from Central Sudan. Familial Cancer, 2014, 13, 437-444.	0.9	18
77	Systemic Visceral Talc Granulomatosis Associated with Miliary Tuberculosis in a Drug Addict. American Journal of Clinical Pathology, 1982, 78, 785-789.	0.4	16
78	A novel deletion in exon 15 of the adenomatous polyposis coli gene in an Italian kindred. Human Mutation, 1994, 3, 301-304.	1.1	15
79	p53 Expression and Genetic Evidence for Viral Infection in Intraepithelial Neoplasia of the Uterine Cervix. Gynecologic Oncology, 1994, 55, 343-348.	0.6	15
80	Use of a multiplex polymerase chain reaction assay in the sex typing of DNA extracted from archaeological bone. International Journal of Osteoarchaeology, 1997, 7, 605-609.	0.6	15
81	Taphonomy of the fossil hominid bones from the Acheulean site of Castel di Guido near Rome, Italy. Journal of Human Evolution, 2001, 41, 211-225.	1.3	15
82	Secretion of Novel SEL1L Endogenous Variants Is Promoted by ER Stress/UPR via Endosomes and Shed Vesicles in Human Cancer Cells. PLoS ONE, 2011, 6, e17206.	1.1	15
83	Immunohistochemical evidence of immune responses to tumor-associated antigens in lymph nodes of colon carcinoma patients. Cancer, 1991, 67, 2880-2886.	2.0	13
84	Functional Characterization of Two Secreted SEL1L Isoforms Capable of Exporting Unassembled Substrate. Journal of Biological Chemistry, 2009, 284, 11405-11415.	1.6	13
85	Basal-Like Phenotype in a Breast Carcinoma Case Series from Sudan: Prevalence and Clinical/Pathological Correlations. Pathology Research International, 2011, 2011, 1-10.	1.4	13
86	<i>Hsa-miR-155-5p</i> drives aneuploidy at early stages of cellular transformation. Oncotarget, 2018, 9, 13036-13047.	0.8	12
87	A novel mutation at the splice junction of exon 9 of the APC gene in familial adenomatous polyposis. Human Mutation, 1994, 3, 305-308.	1.1	11
88	Histological heterogeneity and somatic mtDNA mutations in gastric intraepithelial neoplasia. Modern Pathology, 2008, 21, 733-741.	2.9	11
89	HNRNPL Restrains miR-155 Targeting of BUB1 to Stabilize Aberrant Karyotypes of Transformed Cells in Chronic Lymphocytic Leukemia. Cancers, 2019, 11, 575.	1.7	11
90	A Developmental Perspective on Paragangliar Tumorigenesis. Cancers, 2019, 11, 273.	1.7	11

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91	Mutations in the p53 and Ki-ras genes, microsatellite instability and site of tumor origin in colorectal cancer. Oncology Reports, 2005, 14, 625-31.	1.2	11
92	Nutrigenetics in the Light of Human Evolution. Journal of Nutrigenetics and Nutrigenomics, 2009, 2, 91-102.	1.8	10
93	Enhanced Expression of miR-181b in B Cells of CLL Improves the Anti-Tumor Cytotoxic T Cell Response. Cancers, 2021, 13, 257.	1.7	10
94	Characterization of the Specificity by Immunohistology of a Monoclonal Antibody to a Novel Epithelial Antigen of Ovarian Carcinomas. Pathology Research and Practice, 1985, 180, 169-180.	1.0	9
95	A subject with abnormally short stature from Imperial Rome. Journal of Endocrinological Investigation, 2001, 24, 546-548.	1.8	8
96	Correlations between Phenotype and Microsatellite Instability in HNPCC: Implications for Genetic Testing. Familial Cancer, 2002, 3, 117-121.	0.9	8
97	Hereditary Breast Cancer in Sub-Saharan Africa. Current Women's Health Reviews, 2012, 8, 44-54.	0.1	8
98	Tissue Microarray (TMA) Versus Whole Section Immunohistochemistry in the Assessment of ER/PR and Her-2/neu Status in a Breast Cancer Series from Sudan. Breast Journal, 2013, 19, 446-447.	0.4	8
99	HTLV-1-associated myeloneuropathy in an Italian. Acta Neurologica Scandinavica, 1991, 84, 186-191.	1.0	7
100	Deletion of Gly723 in the insulin receptor substrate-1 of a patient with noninsulin-dependent diabetes mellitus., 1996, 7, 364-366.		7
101	Optimized PCR labeling in mutational and microsatellite analysis. Clinical Chemistry, 1998, 44, 1381-1387.	1.5	7
102	Transitions at CpG Dinucleotides, Geographic Clustering of TP53 Mutations and Food Availability Patterns in Colorectal Cancer. PLoS ONE, 2009, 4, e6824.	1.1	7
103	Differential TAG-72 epitope expression in breast cancer and lymph node metastases: a marker of a more aggressive phenotype. Oncology Reports, 2002, 9, 135-40.	1.2	7
104	Analysis of gene copy number variations using a method based on lab-on-a-chip technology. Tumori, 2012, 98, 126-36.	0.6	7
105	Novel insulin receptor substrate 1 and 2 variants in breast and colorectal cancer. Oncology Reports, 2013, 30, 1553-1560.	1.2	6
106	Germline TP53 mutation spectrum in Sudanese premenopausal breast cancer patients: correlations with reproductive factors. Breast Cancer Research and Treatment, 2019, 175, 479-485.	1.1	6
107	Amplifications of multiple regions of the HTLV-I genome from DNA of an Italian spastic paraparesis patient but not from DNA of multiple sclerosis patients. Journal of the Neurological Sciences, 1991, 103, 82-89.	0.3	5
108	Association of the DSS1 c.143G>A Polymorphism with Skin Squamous Cell Carcinoma. Journal of Investigative Dermatology, 2010, 130, 1719-1725.	0.3	5

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109	Analysis of Gene Copy Number Variations using a Method Based on Lab-on-a-Chip Technology. Tumori, 2012, 98, 126-136.	0.6	5
110	Epidemiology, Pathology, Management and Open Challenges of Breast Cancer in Central Sudan: A Prototypical Limited Resource African Setting. , 2017, , .		5
111	Genetic dynamics in untreated CLL patients with either stable or progressive disease: a longitudinal study. Journal of Hematology and Oncology, 2019, 12, 114.	6.9	5
112	Are Ouctomes of Radiosurgery for Tympanojugular Paraganglioma Overestimated?. Otology and Neurotology, 2019, 40, 688-689.	0.7	5
113	Renal Cell Carcinoma Causing a Selective Mineralocorticoid Insufficiency. Journal of Urology, 1982, 128, 370-371.	0.2	4
114	Novel deletion at codon 1254 of the BRCA1 gene in an Italian breast cancer kindred. Human Mutation, 1998, 11, S237-S239.	1.1	4
115	Novel allele of the insulin receptor substrate-1 bearing two non-conservative amino acid substitutions in a patient with noninsulin-dependent diabetes mellitus. Human Mutation, 1998, 11, 411-411.	1.1	4
116	Killing of Kras-Mutant Colon Cancer Cells via Rac-Independent Actin Remodeling by the \hat{I}^2 GBP Cytokine, a Physiological PI3K Inhibitor Therapeutically Effective In Vivo. Molecular Cancer Therapeutics, 2012, 11, 1884-1893.	1.9	4
117	Bioinformatic pipelines in Python with Leaf. BMC Bioinformatics, 2013, 14, 201.	1.2	4
118	Breast cancer screening in rural African communities. Nature Reviews Clinical Oncology, 2013, 10, 185-186.	12.5	4
119	Tympanojugular Paragangliomas: Surgical Management and Clinicopathological Features., 0,, 99-123.		4
120	Nonfluorescent Denaturing HPLC–Based Primer-Extension Method for Allele-Specific Expression: Application to Analysis of Mismatch Repair Genes. Clinical Chemistry, 2009, 55, 1711-1718.	1.5	3
121	Evolutionarily-Related Helicobacter pylori Genotypes and Gastric Intraepithelial Neoplasia in a High-Risk Area of Northern Italy. Microorganisms, 2020, 8, 324.	1.6	3
122	Sourcing the immune system to induce immunogenic cell death in Kras-colorectal cancer cells. British Journal of Cancer, 2019, 121, 768-775.	2.9	2
123	let-7e downregulation characterizes early phase colonic adenoma in APCMin/+ mice and human FAP subjects. PLoS ONE, 2021, 16, e0249238.	1.1	2
124	Variation of the insulin receptor substrate gene (IRS-1) in African Pygmies and Bantus. Diabetes Research and Clinical Practice, 2006, 72, 108-109.	1,1	1
125	Environment and immune-mediated diseases in Sub-Saharan Africa. Science of the Total Environment, 2012, 423, 190-192.	3.9	1
126	Proper tumor classification and growth rate are key elements when considering indications and results of radiotherapy for head and neck paragangliomas. Head and Neck, 2019, 41, 2835-2836.	0.9	1

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127	BRCA1 and BRCA2 Gene Mutations in Breast/Ovarian Cancer Patients from Central and Southern Italy. Disease Markers, 1999, 15, 96-96.	0.6	0
128	Allele-Specific Loss Of The Mir-15a/16-1 Cluster Correlates With ZAP70 Expression In CLL Patients With 13q Deletion. Blood, 2013, 122, 3753-3753.	0.6	0
129	MiR-181b in Chronic Lymphocytic Leukemia B Cells Is Regulated By Cellular Interaction with CD4+ T Cells and Increases the CTL Toxicity Versus the Leukemic Clone. Blood, 2015, 126, 4134-4134.	0.6	0