

# Paolo Aretini

## List of Publications by Year in descending order

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71  
papers

2,413  
citations

257450

24  
h-index

214800

47  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathology of Breast and Ovarian Cancers among <i>BRCA1</i> and <i>BRCA2</i> Mutation Carriers: Results from the Consortium of Investigators of Modifiers of <i>BRCA1/2</i> (CIMBA). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 134-147.	2.5	513
2	Association of Type and Location of <i>BRCA1</i> and <i>BRCA2</i> Mutations With Risk of Breast and Ovarian Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1347.	7.4	390
3	Doxycycline, an Inhibitor of Mitochondrial Biogenesis, Effectively Reduces Cancer Stem Cells (CSCs) in Early Breast Cancer Patients: A Clinical Pilot Study. <i>Frontiers in Oncology</i> , 2018, 8, 452.	2.8	98
4	KLF4 is a Novel Candidate Tumor Suppressor Gene in Pancreatic Ductal Carcinoma. <i>American Journal of Pathology</i> , 2011, 178, 361-372.	3.8	76
5	Angiogenesis and VEGF expression in pre-invasive lesions of the human breast. <i>Journal of Pathology</i> , 2004, 204, 140-146.	4.5	61
6	Evaluation of widely used models for predicting <i>BRCA1</i> and <i>BRCA2</i> mutations. <i>Journal of Medical Genetics</i> , 2004, 41, 278-285.	3.2	55
7	Penetrances of breast and ovarian cancer in a large series of families tested for <i>BRCA1/2</i> mutations. <i>European Journal of Human Genetics</i> , 2004, 12, 899-906.	2.8	55
8	<i>BRCA1</i> and <i>BRCA2</i> germline mutations in Moroccan breast/ovarian cancer families: Novel mutations and unclassified variants. <i>Gynecologic Oncology</i> , 2012, 125, 687-692.	1.4	53
9	<i>CXCL12</i> / <i>SDF1</i> from perisynaptic Schwann cells promotes regeneration of injured motor axon terminals. <i>EMBO Molecular Medicine</i> , 2017, 9, 1000-1010.	6.9	48
10	RNA-based analysis of <i>BRCA1</i> and <i>BRCA2</i> gene alterations. <i>Cancer Genetics and Cytogenetics</i> , 2006, 170, 93-101.	1.0	46
11	Papillary lesions of the breast: a molecular progression?. <i>Breast Cancer Research and Treatment</i> , 2005, 90, 71-76.	2.5	44
12	Human saliva as route of inter-human infection for mouse mammary tumor virus. <i>Oncotarget</i> , 2015, 6, 18355-18363.	1.8	44
13	A yeast recombination assay to characterize human <i>BRCA1</i> missense variants of unknown pathological significance. <i>Human Mutation</i> , 2009, 30, 123-133.	2.5	39
14	The combination of four molecular markers improves thyroid cancer cytologic diagnosis and patient management. <i>BMC Cancer</i> , 2015, 15, 918.	2.6	38
15	Laser Capture Microdissection and RNA-Seq Analysis: High Sensitivity Approaches to Explain Histopathological Heterogeneity in Human Glioblastoma FFPE Archived Tissues. <i>Frontiers in Oncology</i> , 2019, 9, 482.	2.8	38
16	Detection of the BRAFV600E Mutation in Fine Needle Aspiration Cytology of Thyroid Papillary Microcarcinoma Cells Selected by Manual Macrodissection: An Easy Tool to Improve the Preoperative Diagnosis. <i>Thyroid</i> , 2012, 22, 292-298.	4.5	37
17	Whole-exome analysis in osteosarcoma to identify a personalized therapy. <i>Oncotarget</i> , 2017, 8, 80416-80428.	1.8	37
18	High level of messenger RNA for <i>BRMS1</i> in primary breast carcinomas is associated with poor prognosis. <i>International Journal of Cancer</i> , 2007, 120, 1169-1178.	5.1	35

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19	PIK3CA in Breast Carcinoma. <i>Diagnostic Molecular Pathology</i> , 2009, 18, 200-205.	2.1	34
20	Overexpression of the cohesin-core subunit SMC1A contributes to colorectal cancer development. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 108.	8.6	34
21	Methyl group metabolism gene polymorphisms as modifier of breast cancer risk in Italian BRCA1/2 carriers. <i>Breast Cancer Research and Treatment</i> , 2007, 103, 29-36.	2.5	27
22	Association of PHB 1630 C>T and MTHFR 677 C>T polymorphisms with breast and ovarian cancer risk in BRCA1/2 mutation carriers: results from a multicenter study. <i>British Journal of Cancer</i> , 2012, 106, 2016-2024.	6.4	27
23	Serotonin depletion causes valproate-responsive manic-like condition and increased hippocampal neuroplasticity that are reversed by stress. <i>Scientific Reports</i> , 2018, 8, 11847.	3.3	26
24	Evaluation of FISH image analysis system on assessing HER2 amplification in breast carcinoma cases. <i>Breast</i> , 2008, 17, 80-84.	2.2	25
25	Investigating molecular alterations to profile short- and long-term recurrence-free survival in patients with primary glioblastoma. <i>Oncology Letters</i> , 2015, 10, 3599-3606.	1.8	25
26	Germline investigation in male breast cancer of DNA repair genes by next-generation sequencing. <i>Breast Cancer Research and Treatment</i> , 2019, 178, 557-564.	2.5	24
27	Rescuing cones and daylight vision in retinitis pigmentosa mice. <i>FASEB Journal</i> , 2019, 33, 10177-10192.	0.5	24
28	Different Expressivity of BRCA1 and BRCA2: Analysis of 179 Italian Pedigrees with Identified Mutation. <i>Breast Cancer Research and Treatment</i> , 2003, 81, 71-79.	2.5	22
29	Definition of the microvascular pattern of the normal human adult mammary gland. <i>Journal of Anatomy</i> , 2003, 203, 599-603.	1.5	22
30	c-KIT receptor expression is strictly associated with the biological behaviour of thyroid nodules. <i>Journal of Translational Medicine</i> , 2012, 10, 7.	4.4	21
31	Identification of novel alternatively spliced BRCA1-associated RING domain (BARD1) messenger RNAs in human peripheral blood lymphocytes and in sporadic breast cancer tissues. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 791-795.	2.8	19
32	MSH2 role in BRCA1-driven tumorigenesis: A preliminary study in yeast and in human tumors from BRCA1-VUS carriers. <i>European Journal of Medical Genetics</i> , 2015, 58, 531-539.	1.3	18
33	Mitochondrial enzyme GLUD2 plays a critical role in glioblastoma progression. <i>EBioMedicine</i> , 2018, 37, 56-67.	6.1	18
34	Whole exome sequencing in familial isolated primary hyperparathyroidism. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 231-245.	3.3	18
35	Haplotype analysis of BRCA1 gene reveals a new gene rearrangement: characterization of a 19.9 KBP deletion. <i>European Journal of Human Genetics</i> , 2004, 12, 775-777.	2.8	17
36	A molecular computational model improves the preoperative diagnosis of thyroid nodules. <i>BMC Cancer</i> , 2012, 12, 396.	2.6	17

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37	Molecular characterization of low grade and high grade bladder cancer. PLoS ONE, 2019, 14, e0210635.	2.5	17
38	Mouse mammary tumor virus (MMTV) - like exogenous sequences are associated with sporadic but not hereditary human breast carcinoma. Aging, 2019, 11, 7236-7241.	3.1	17
39	p53 Inactivation is a Rare Event in Familial Breast Tumors Negative for BRCA1 and BRCA2 Mutations. Breast Cancer Research and Treatment, 2003, 82, 1-9.	2.5	16
40	The BRCAPRO 5.0 model is a useful tool in genetic counseling and clinical management of male breast cancer cases. European Journal of Human Genetics, 2010, 18, 856-858.	2.8	16
41	Characterization of three alternative transcripts of the BRCA1 gene in patients with breast cancer and a family history of breast and/or ovarian cancer who tested negative for pathogenic mutations. International Journal of Molecular Medicine, 2015, 35, 950-956.	4.0	16
42	Germline mutations in DNA repair genes may predict neoadjuvant therapy response in triple negative breast patients. Genes Chromosomes and Cancer, 2016, 55, 915-924.	2.8	16
43	Molecular portrait of a rare case of metastatic glioblastoma: somatic and germline mutations using whole-exome sequencing. Neuro-Oncology, 2016, 18, 298-300.	1.2	16
44	Impact of tourniquet during knee arthroplasty: a bayesian network meta-analysis of peri-operative outcomes. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 1007-1023.	2.4	16
45	Loss of c-KIT expression in thyroid cancer cells. PLoS ONE, 2017, 12, e0173913.	2.5	16
46	Better outcomes after mini-subvastus approach for primary total knee arthroplasty: a Bayesian network meta-analysis. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 979-992.	1.4	13
47	Next generation sequencing technologies for a successful diagnosis in a cold case of Leigh syndrome. BMC Neurology, 2018, 18, 99.	1.8	12
48	Association between RAD 51 rs1801320 and susceptibility to glioblastoma. Journal of Neuro-Oncology, 2016, 126, 265-270.	2.9	10
49	A human MMTV-like betaretrovirus linked to breast cancer has been present in humans at least since the copper age. Aging, 2020, 12, 15978-15994.	3.1	10
50	Markers of Cell Proliferation, Apoptosis, and Angiogenesis in Thyroid Adenomas: A Comparative Immunohistochemical and Genetic Investigation of Functioning and Nonfunctioning Nodules. Thyroid, 2007, 17, 191-197.	4.5	9
51	Whole-exome analysis of a Li-Fraumeni family trio with a novel TP53 PRD mutation and anticipation profile. Carcinogenesis, 2017, 38, 938-943.	2.8	8
52	ANKRD44 Gene Silencing: A Putative Role in Trastuzumab Resistance in Her2-Like Breast Cancer. Frontiers in Oncology, 2019, 9, 547.	2.8	8
53	Cancer astrocytes have a more conserved molecular status in long recurrence free survival (RFS) IDH1 wild-type glioblastoma patients: new emerging cancer players. Oncotarget, 2018, 9, 24014-24027.	1.8	8
54	Clinicopathological Significance of GADD45 Gene Alterations in Human Familial Breast Carcinoma. Breast Cancer Research and Treatment, 2004, 87, 197-201.	2.5	7

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55	A recombination-based method to characterize human BRCA1 missense variants. <i>Breast Cancer Research and Treatment</i> , 2011, 125, 265-272.	2.5	6
56	Unveiling a sudden unexplained death case by whole exome sequencing and bioinformatic analysis. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1182.	1.2	6
57	Detection of Germline Variants in 450 Breast/Ovarian Cancer Families with a Multi-Gene Panel Including Coding and Regulatory Regions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7693.	4.1	6
58	Diffuse bone and soft tissue angiomatosis with GNAQ mutation. <i>Pathology International</i> , 2020, 70, 452-457.	1.3	5
59	Multiregional Sequencing of IDH-WT Glioblastoma Reveals High Genetic Heterogeneity and a Dynamic Evolutionary History. <i>Cancers</i> , 2021, 13, 2044.	3.7	5
60	Identification of two novel BRCA1-partner genes in the DNA double-strand break repair pathway. <i>Breast Cancer Research and Treatment</i> , 2013, 141, 515-522.	2.5	4
61	Analysis of exosome-derived microRNAs reveals insights of intercellular communication during invasion of breast, prostate and glioblastoma cancer cells. <i>Cell Adhesion and Migration</i> , 2021, 15, 180-201.	2.7	4
62	Liquid Biopsies from Pleural Effusions and Plasma from Patients with Malignant Pleural Mesothelioma: A Feasibility Study. <i>Cancers</i> , 2021, 13, 2445.	3.7	4
63	Sedoheptulose Kinase SHPK Expression in Glioblastoma: Emerging Role of the Nonoxidative Pentose Phosphate Pathway in Tumor Proliferation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5978.	4.1	4
64	FISH Image Analysis Using a Modified Radial Basis Function Network. , 2007, , .		3
65	HPV testing and Pap test: role for a combined approach in a non-screened population. <i>International Journal of Biological Markers</i> , 2006, 21, 149-156.	1.8	2
66	Single-Cell Molecular Characterization to Partition the Human Glioblastoma Tumor Microenvironment Genetic Background. <i>Cells</i> , 2022, 11, 1127.	4.1	2
67	Modified intestinal isolation bag as promising tool in promoting bowel resumption after ovarian cancer cytoreductive surgery: a randomized clinical trial. <i>Archives of Gynecology and Obstetrics</i> , 2021, 304, 733-742.	1.7	1
68	BRCA1 gene variant p.P142H associated with male breast cancer: a two-generation genealogic study and literature review. <i>Familial Cancer</i> , 2015, 14, 515-519.	1.9	0
69	EPIGENETIC EFFECT OF DIABETES ON CODING AND NON-CODING PLATELET TRANSCRIPTOME IN ACUTE CORONARY SYNDROME. <i>Journal of the American College of Cardiology</i> , 2019, 73, 55.	2.8	0
70	Abstract 1120: Glioblastoma whole transcriptome analysis: molecular mechanisms related to recurrence-free survival (RFS). , 2015, , .		0
71	Exome analysis of a large family with familial isolated primary hyperparathyroidism (FIHP) and multiple cancers. <i>Endocrine Abstracts</i> , 0, , .	0.0	0