Joan Brunet

List of Publications by Year in descending order

186 papers	7,950 citations	57758 44 h-index	69250 77 g-index
199 all docs	199 docs citations	199 times ranked	13259 citing authors

#	Article	IF	Citations
1	Pathology of Breast and Ovarian Cancers among BRCA1 and BRCA2 Mutation Carriers: Results from the Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA). Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 134-147.	2.5	513
2	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. Nature Genetics, 2017, 49, 680-691.	21.4	356
3	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. Nature Genetics, 2017, 49, 1767-1778.	21.4	289
4	Genome-Wide Association Study in BRCA1 Mutation Carriers Identifies Novel Loci Associated with Breast and Ovarian Cancer Risk. PLoS Genetics, 2013, 9, e1003212.	3.5	244
5	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. Nature Genetics, 2015, 47, 164-171.	21.4	221
6	POLE and POLD1 mutations in 529 kindred with familial colorectal cancer and/or polyposis: review of reported cases and recommendations for genetic testing and surveillance. Genetics in Medicine, 2016, 18, 325-332.	2.4	209
7	Overexpression of fatty acid synthase gene activates HER1/HER2 tyrosine kinase receptors in human breast epithelial cells. Cell Proliferation, 2008, 41, 59-85.	5.3	160
8	Olive oil's bitter principle reverses acquired autoresistance to trastuzumab (Herceptinâ„¢) in HER2-overexpressing breast cancer cells. BMC Cancer, 2007, 7, 80.	2.6	154
9	Prediction of Breast and Prostate Cancer Risks in Male BRCA1 and BRCA2 Mutation Carriers Using Polygenic Risk Scores. Journal of Clinical Oncology, 2017, 35, 2240-2250.	1.6	152
10	Clinical Portrait of the SARS-CoV-2 Epidemic in European Patients with Cancer. Cancer Discovery, 2020, 10, 1465-1474.	9.4	151
11	New insights into POLE and POLD1 germline mutations in familial colorectal cancer and polyposis. Human Molecular Genetics, 2014, 23, 3506-3512.	2.9	135
12	Breast cancer risk variants at 6q25 display different phenotype associations and regulate ESR1, RMND1 and CCDC170. Nature Genetics, 2016, 48, 374-386.	21.4	125
13	Attenuation of RNA polymerase II pausing mitigates BRCA1-associated R-loop accumulation and tumorigenesis. Nature Communications, 2017, 8, 15908.	12.8	118
14	EARLY ONSET HEREDITARY PAPILLARY RENAL CARCINOMA: GERMLINE MISSENSE MUTATIONS IN THE TYROSINE KINASE DOMAIN OF THE MET PROTO-ONCOGENE. Journal of Urology, 2004, 172, 1256-1261.	0.4	115
15	Large scale multifactorial likelihood quantitative analysis of BRCA1 and BRCA2 variants: An ENIGMA resource to support clinical variant classification. Human Mutation, 2019, 40, 1557-1578.	2.5	102
16	Resveratrol targets PD-L1 glycosylation and dimerization to enhance antitumor T-cell immunity. Aging, 2020, 12, 8-34.	3.1	99
17	Fatty acid metabolism in breast cancer cells: differential inhibitory effects of epigallocatechin gallate (EGCG) and C75. Breast Cancer Research and Treatment, 2008, 109, 471-479.	2.5	98
18	An update of the mechanisms of resistance to EGFR-tyrosine kinase inhibitors in breast cancer: Gefitinib (Iressa) -induced changes in the expression and nucleo-cytoplasmic trafficking of HER-ligands (Review). International Journal of Molecular Medicine, 2007, 20, 3-10.	4.0	96

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19	Next-generation sequencing meets genetic diagnostics: development of a comprehensive workflow for the analysis of BRCA1 and BRCA2 genes. European Journal of Human Genetics, 2013, 21, 864-870.	2.8	94
20	Germline Mutations in FAN1 Cause Hereditary Colorectal Cancer by Impairing DNA Repair. Gastroenterology, 2015, 149, 563-566.	1.3	94
21	Interplay between BRCA1 and RHAMM Regulates Epithelial Apicobasal Polarization and May Influence Risk of Breast Cancer. PLoS Biology, 2011, 9, e1001199.	5.6	91
22	Prevalence ofBRCA1andBRCA2germline mutations in young breast cancer patients: A population-based study. International Journal of Cancer, 2003, 106, 588-593.	5.1	90
23	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	12.8	88
24	Randomized trial of neoadjuvant cisplatin and fluorouracil versus carboplatin and fluorouracil in patients with stage IV-M0 head and neck cancer.. Journal of Clinical Oncology, 1995, 13, 1493-1500.	1.6	87
25	Metformin Is a Direct SIRT1-Activating Compound: Computational Modeling and Experimental Validation. Frontiers in Endocrinology, 2018, 9, 657.	3.5	85
26	SEOM clinical guidelines in Hereditary Breast and ovarian cancer. Clinical and Translational Oncology, 2015, 17, 956-961.	2.4	82
27	Polygenic risk scores and breast and epithelial ovarian cancer risks for carriers of BRCA1 and BRCA2 pathogenic variants. Genetics in Medicine, 2020, 22, 1653-1666.	2.4	82
28	Functional mechanisms underlying pleiotropic risk alleles at the 19p13.1 breastâ€“ovarian cancer susceptibility locus. Nature Communications, 2016, 7, 12675.	12.8	78
29	BRCA2 Polymorphic Stop Codon K3326X and the Risk of Breast, Prostate, and Ovarian Cancers. Journal of the National Cancer Institute, 2016, 108, djv315.	6.3	77
30	MLH1 promoter hypermethylation in the analytical algorithm of Lynch syndrome: a cost-effectiveness study. European Journal of Human Genetics, 2012, 20, 762-768.	2.8	76
31	Role of POLE and POLD1 in familial cancer. Genetics in Medicine, 2020, 22, 2089-2100.	2.4	76
32	Prevalence and impact of COVID-19 sequelae on treatment and survival of patients with cancer who recovered from SARS-CoV-2 infection: evidence from the OnCovid retrospective, multicentre registry study. Lancet Oncology, The, 2021, 22, 1669-1680.	10.7	73
33	Infectious complications in 126 patients treated with high-dose chemotherapy and autologous peripheral blood stem cell transplantation. Bone Marrow Transplantation, 1999, 23, 27-33.	2.4	67
34	Evaluation of CNV detection tools for NGS panel data in genetic diagnostics. European Journal of Human Genetics, 2020, 28, 1645-1655.	2.8	67
35	Prevalence of germline MUTYH mutations among Lynch-like syndrome patients. European Journal of Cancer, 2014, 50, 2241-2250.	2.8	66
36	BRCA1 and acetylâ€CoA carboxylase: The metabolic syndrome of breast cancer. Molecular Carcinogenesis, 2008, 47, 157-163.	2.7	65

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37	Opinion about reproductive decision making among individuals undergoing BRCA1/2 genetic testing in a multicentre Spanish cohort. Human Reproduction, 2008, 24, 1000-1006.	0.9	61
38	Dynamic emergence of the mesenchymal CD44posCD24neg/low phenotype in HER2-gene amplified breast cancer cells with de novo resistance to trastuzumab (Herceptin). Biochemical and Biophysical Research Communications, 2010, 397, 27-33.	2.1	60
39	New perspectives on screening and early detection of endometrial cancer. International Journal of Cancer, 2019, 145, 3194-3206.	5.1	58
40	Presenting Features and Early Mortality from SARS-CoV-2 Infection in Cancer Patients during the Initial Stage of the COVID-19 Pandemic in Europe. Cancers, 2020, 12, 1841.	3.7	58
41	Detection of a large rearrangement in PALB2 in Spanish breast cancer families with male breast cancer. Breast Cancer Research and Treatment, 2012, 132, 307-315.	2.5	50
42	Time-Dependent COVID-19 Mortality in Patients With Cancer. JAMA Oncology, 2022, 8, 114.	7.1	50
43	Outcomes of the SARS-CoV-2 omicron (B.1.1.529) variant outbreak among vaccinated and unvaccinated patients with cancer in Europe: results from the retrospective, multicentre, OnCovid registry study. Lancet Oncology, The, 2022, 23, 865-875.	10.7	50
44	Evidence suggests that germline RNF43 mutations are a rare cause of serrated polyposis. Gut, 2018, 67, 2230-2232.	12.1	48
45	Common Variants at the 19p13.1 and ZNF365 Loci Are Associated with ER Subtypes of Breast Cancer and Ovarian Cancer Risk in BRCA1 and BRCA2 Mutation Carriers. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 645-657.	2.5	47
46	Refining the role ofpms2in Lynch syndrome: germline mutational analysis improved by comprehensive assessment of variants. Journal of Medical Genetics, 2013, 50, 552-563.	3.2	47
47	Response of brain metastasis from lung cancer patients to an oral nutraceutical product containing silibinin. Oncotarget, 2016, 7, 32006-32014.	1.8	47
48	A comprehensive custom panel design for routine hereditary cancer testing: preserving control, improving diagnostics and revealing a complex variation landscape. Scientific Reports, 2017, 7, 39348.	3.3	45
49	Inhibitor of Apoptosis (IAP) survivin is indispensable for survival of HER2 gene-amplified breast cancer cells with primary resistance to HER1/2-targeted therapies. Biochemical and Biophysical Research Communications, 2011, 407, 412-419.	2.1	44
50	Analysis of PALB2 Gene in BRCA1/BRCA2 Negative Spanish Hereditary Breast/Ovarian Cancer Families with Pancreatic Cancer Cases. PLoS ONE, 2013, 8, e67538.	2.5	44
51	Prevalence of BRCA1 and BRCA2 Jewish mutations in Spanish breast cancer patients. British Journal of Cancer, 1999, 79, 1302-1303.	6.4	43
52	Cross-suppression of EGFR ligands amphiregulin and epiregulin and de-repression of FGFR3 signalling contribute to cetuximab resistance in wild-type KRAS tumour cells. British Journal of Cancer, 2012, 106, 1406-1414.	6.4	42
53	Silibinin and SARS-CoV-2: Dual Targeting of Host Cytokine Storm and Virus Replication Machinery for Clinical Management of COVID-19 Patients. Journal of Clinical Medicine, 2020, 9, 1770.	2.4	42
54	Stem cell property epithelialâ€toâ€mesenchymal transition is a core transcriptional network for predicting cetuximab (Erbituxâ„¢) efficacy in KRAS wildâ€type tumor cells. Journal of Cellular Biochemistry, 2011, 112, 10-29.	2.6	41

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55	Exploring the Role of Mutations in Fanconi Anemia Genes in Hereditary Cancer Patients. Cancers, 2020, 12, 829.	3.7	41
56	Fatty acid synthase expression and its association with clinico-histopathological features in triple-negative breast cancer. Oncotarget, 2017, 8, 74391-74405.	1.8	40
57	Low-scale phosphoproteome analyses identify the mTOR effector p70 S6 kinase 1 as a specific biomarker of the dual-HER1/HER2 tyrosine kinase inhibitor lapatinib (TykerbÂ®) in human breast carcinoma cells. Annals of Oncology, 2008, 19, 1097-1109.	1.2	39
58	Association of Genomic Domains in BRCA1 and BRCA2 with Prostate Cancer Risk and Aggressiveness. Cancer Research, 2020, 80, 624-638.	0.9	39
59	Inhibition of Fatty Acid Synthase (FASN) synergistically enhances the efficacy of 5-fluorouracil in breast carcinoma cells. Oncology Reports, 2007, 18, 973-80.	2.6	39
60	The LSD1 inhibitor iadademstat (ORY-1001) targets SOX2-driven breast cancer stem cells: a potential epigenetic therapy in luminal-B and HER2-positive breast cancer subtypes. Aging, 2020, 12, 4794-4814.	3.1	38
61	Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with <scp>PARP</scp> inhibitors. EMBO Molecular Medicine, 2020, 12, e11217.	6.9	37
62	Determinants of enhanced vulnerability to coronavirus disease 2019 in UK patients with cancer: a European study. European Journal of Cancer, 2021, 150, 190-202.	2.8	37
63	MLH1 methylation screening is effective in identifying epimutation carriers. European Journal of Human Genetics, 2012, 20, 1256-1264.	2.8	36
64	What factors may influence psychological well being at three months and one year post BRCA genetic result disclosure?. Breast, 2012, 21, 755-760.	2.2	36
65	Benchmarking of Whole Exome Sequencing and Ad Hoc Designed Panels for Genetic Testing of Hereditary Cancer. Scientific Reports, 2017, 7, 37984.	3.3	35
66	Identification and comprehensive characterization of large genomic rearrangements in the BRCA1 and BRCA2 genes. Breast Cancer Research and Treatment, 2010, 122, 733-743.	2.5	34
67	Assessing Associations between the AURKA-HMMR-TPX2-TUBG1 Functional Module and Breast Cancer Risk in BRCA1/2 Mutation Carriers. PLoS ONE, 2015, 10, e0120020.	2.5	34
68	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. Oncogene, 2017, 36, 2737-2749.	5.9	34
69	Exploring the Link between Germline and Somatic Genetic Alterations in Breast Carcinogenesis. PLoS ONE, 2010, 5, e14078.	2.5	33
70	Decapping protein EDC4 regulates DNA repair and phenocopies BRCA1. Nature Communications, 2018, 9, 967.	12.8	33
71	BRCA1 mutation analysis in 83 Spanish breast and breast/ovarian cancer families. International Journal of Cancer, 1999, 83, 465-469.	5.1	32
72	Uptake of predictive testing among relatives of BRCA1 and BRCA2 families: a multicenter study in northeastern Spain. Familial Cancer, 2010, 9, 297-304.	1.9	32

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73	Association Between Germline Mutations in BRF1, a Subunit of the RNA Polymerase III Transcription Complex, and Hereditary Colorectal Cancer. Gastroenterology, 2018, 154, 181-194.e20.	1.3	32
74	Green tea catechin inhibits fatty acid synthase without stimulating carnitine palmitoyltransferase-1 or inducing weight loss in experimental animals. Anticancer Research, 2008, 28, 3671-6.	1.1	32
75	An update of the mechanisms of resistance to EGFR-tyrosine kinase inhibitors in breast cancer: Gefitinib (Iressaâ„¢)-induced changes in the expression and nucleo-cytoplasmic trafficking of HER-ligands (Review). International Journal of Molecular Medicine, 0, , .	4.0	31
76	eXiT*CBR: A framework for case-based medical diagnosis development and experimentation. Artificial Intelligence in Medicine, 2011, 51, 81-91.	6.5	31
77	Genome-wide Linkage Scan Reveals Three Putative Breast-Cancer-Susceptibility Loci. American Journal of Human Genetics, 2009, 84, 115-122.	6.2	30
78	Comprehensive functional assessment ofMLH1variants of unknown significance. Human Mutation, 2012, 33, 1576-1588.	2.5	30
79	Opportunistic testing of BRCA1, BRCA2 and mismatch repair genes improves the yield of phenotype driven hereditary cancer gene panels. International Journal of Cancer, 2019, 145, 2682-2691.	5.1	30
80	Height and Body Mass Index as Modifiers of Breast Cancer Risk in BRCA1/2 Mutation Carriers: A Mendelian Randomization Study. Journal of the National Cancer Institute, 2019, 111, 350-364.	6.3	30
81	Systemic pro-inflammatory response identifies patients with cancer with adverse outcomes from SARS-CoV-2 infection: the OnCovid Inflammatory Score. , 2021, 9, e002277.		30
82	MLH1 Founder Mutations with Moderate Penetrance in Spanish Lynch Syndrome Families. Cancer Research, 2010, 70, 7379-7391.	0.9	29
83	High Prevalence of Somatic Oncogenic Driver Alterations in Patients With NSCLC and Li-Fraumeni Syndrome. Journal of Thoracic Oncology, 2020, 15, 1232-1239.	1.1	29
84	VAV3 mediates resistance to breast cancer endocrine therapy. Breast Cancer Research, 2014, 16, R53.	5.0	28
85	Identification of the 185delAG BRCA1 mutation in a Spanish Gypsy population. Human Genetics, 1998, 103, 707-708.	3.8	27
86	Successful empirical erlotinib treatment of a mechanically ventilated patient newly diagnosed with metastatic lung adenocarcinoma. Lung Cancer, 2014, 86, 102-104.	2.0	27
87	The extra virgin olive oil phenolic oleacein is a dual substrate-inhibitor of catechol-O-methyltransferase. Food and Chemical Toxicology, 2019, 128, 35-45.	3.6	27
88	Function preservation in stage III squamous laryngeal carcinoma: Results with an induction chemotherapy protocol. Laryngoscope, 1995, 105, 822-826.	2.0	26
89	An international survey of surveillance schemes for unaffected BRCA1 and BRCA2 mutation carriers. Breast Cancer Research and Treatment, 2016, 157, 319-327.	2.5	26
90	Elucidating the molecular basis of MSH2â€deficient tumors by combined germline and somatic analysis. International Journal of Cancer, 2017, 141, 1365-1380.	5.1	26

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91	Metformin induces a fasting- and antifolate-mimicking modification of systemic host metabolism in breast cancer patients. Aging, 2019, 11, 2874-2888.	3.1	25
92	Inhibition of Fatty Acid Synthase (FASN) synergistically enhances the efficacy of 5-fluorouracil in breast carcinoma cells. Oncology Reports, 2007, 18, 973.	2.6	24
93	Contribution to colonic polyposis of recently proposed predisposing genes and assessment of the prevalence of NTHL1 â€•and MSH3 â€associated polyposes. Human Mutation, 2019, 40, 1910-1923.	2.5	24
94	Exploring the link between MORF4L1 and risk of breast cancer. Breast Cancer Research, 2011, 13, R40.	5.0	23
95	NTHL1 biallelic mutations seldom cause colorectal cancer, serrated polyposis or a multi-tumor phenotype, in absence of colorectal adenomas. Scientific Reports, 2019, 9, 9020.	3.3	23
96	Sensitivity of cervicoâ€vaginal cytology in endometrial carcinoma: A systematic review and metaâ€analysis. Cancer Cytopathology, 2020, 128, 792-802.	2.4	23
97	GALNT12is Not a Major Contributor of Familial Colorectal Cancer Type X. Human Mutation, 2014, 35, 50-52.	2.5	22
98	Mammographic density and breast cancer in women from high risk families. Breast Cancer Research, 2015, 17, 93.	5.0	22
99	Candidate Genetic Modifiers for Breast and Ovarian Cancer Risk in BRCA1 and BRCA2 Mutation Carriers. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 308-316.	2.5	22
100	Somatic DICER1 mutations in adult-onset pulmonary blastoma. European Respiratory Journal, 2016, 47, 1879-1882.	6.7	22
101	NovelPOLEpathogenic germline variant in a family with multiple primary tumors results in distinct mutational signatures. Human Mutation, 2019, 40, 36-41.	2.5	21
102	Silibinin administration improves hepatic failure due to extensive liver infiltration in a breast cancer patient. Anticancer Research, 2014, 34, 4323-7.	1.1	21
103	Neuroendocrine tumors: A population-based study of incidence and survival in Girona province, 1994â€“2004. Cancer Epidemiology, 2011, 35, e49-e54.	1.9	20
104	Assessing the RNA effect of 26 DNA variants in the BRCA1 and BRCA2 genes. Breast Cancer Research and Treatment, 2012, 132, 979-992.	2.5	20
105	High-sensitivity microsatellite instability assessment for the detection of mismatch repair defects in normal tissue of biallelic germline mismatch repair mutation carriers. Journal of Medical Genetics, 2020, 57, 269-273.	3.2	20
106	Characteristics of Adrenocortical Carcinoma Associated With Lynch Syndrome. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 318-325.	3.6	20
107	ATM germline mutations in Spanish earlyâ€onset breast cancer patients negative for BRCA1/BRCA2 mutations. Clinical Genetics, 2008, 73, 465-473.	2.0	19
108	Fatty acid synthase activity regulates HER2 extracellular domain shedding into the circulation of HER2-positive metastatic breast cancer patients. International Journal of Oncology, 2009, 35, 1369-76.	3.3	19

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109	Germline mutations in the spindle assembly checkpoint genes BUB1 and BUB3 are infrequent in familial colorectal cancer and polyposis. Molecular Cancer, 2018, 17, 23.	19.2	19
110	Mendelian randomisation study of height and body mass index as modifiers of ovarian cancer risk in 22,588 BRCA1 and BRCA2 mutation carriers. British Journal of Cancer, 2019, 121, 180-192.	6.4	19
111	Breast and Prostate Cancer Risks for MaleBRCA1andBRCA2Pathogenic Variant Carriers Using Polygenic Risk Scores. Journal of the National Cancer Institute, 2022, 114, 109-122.	6.3	19
112	Modification of BRCA1-associated breast cancer risk by HMMR overexpression. Nature Communications, 2022, 13, 1895.	12.8	19
113	Vaccination against SARS-CoV-2 protects from morbidity, mortalityÂand sequelae from COVID19 in patients with cancer. European Journal of Cancer, 2022, 171, 64-74.	2.8	19
114	No clinical utility of KRAS variant rs61764370 for ovarian or breast cancer. Gynecologic Oncology, 2016, 141, 386-401.	1.4	18
115	Giacomo Castelvetroâ€™s salads. Anti-HER2 oncogene nutraceuticals since the 17th century?. Clinical and Translational Oncology, 2008, 10, 30-34.	2.4	17
116	The C Allele of ATM rs11212617 Associates With Higher Pathological Complete Remission Rate in Breast Cancer Patients Treated With Neoadjuvant Metformin. Frontiers in Oncology, 2019, 9, 193.	2.8	17
117	Quality of Colonoscopy Is Associated With Adenoma Detection and Postcolonoscopy Colorectal Cancer Prevention in Lynch Syndrome. Clinical Gastroenterology and Hepatology, 2022, 20, 611-621.e9.	4.4	17
118	Functional and Structural Analysis of C-Terminal BRCA1 Missense Variants. PLoS ONE, 2013, 8, e61302.	2.5	16
119	Association of premenopausal risk-reducing salpingo-oophorectomy with breast cancer risk in BRCA1/2 mutation carriers: Maximising bias-reduction. European Journal of Cancer, 2020, 132, 53-60.	2.8	16
120	Synthetic lethal interaction of cetuximab with MEK1/2 inhibition in NRAS-mutant metastatic colorectal cancer. Oncotarget, 2016, 7, 82185-82199.	1.8	16
121	Pharmacological blockade of Fatty Acid Synthase (FASN) reverses acquired autoresistance to trastuzumab (Herceptinâ„¢) by transcriptionally inhibiting â€˜HER2 super-expressionâ€™ occurring in high-dose trastuzumab-conditioned SKBR3/Tzb100 breast cancer cells. International Journal of Oncology, 2007, 31, 769.	3.3	15
122	Evaluation of a candidate breast cancer associated SNP in ERCC4 as a risk modifier in BRCA1 and BRCA2 mutation carriers. Results from the Consortium of Investigators of Modifiers of BRCA1/BRCA2 (CIMBA). British Journal of Cancer, 2009, 101, 2048-2054.	6.4	15
123	Interferon/STAT1 and neuregulin signaling pathways are exploratory biomarkers of cetuximab (ErbituxÃ¯Â¿Â½) efficacy in KRAS wild-type squamous carcinomas: A pathway-based analysis of whole human-genome microarray data from cetuximab-adapted tumor cell-line models. International Journal of Oncology, 2011, 39, 1455-79.	3.3	15
124	Computational de-orphanization of the olive oil biophenol oleacein: Discovery of new metabolic and epigenetic targets. Food and Chemical Toxicology, 2019, 131, 110529.	3.6	15
125	Comprehensive Constitutional Genetic and Epigenetic Characterization of Lynch-Like Individuals. Cancers, 2020, 12, 1799.	3.7	15
126	Sequence-dependent synergism and antagonism between paclitaxel and gemcitabine in breast cancer cells: The importance of scheduling. International Journal of Oncology, 0, , .	3.3	14

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127	Analysis of SLX4/FANCP in non-BRCA1/2-mutated breast cancer families. BMC Cancer, 2012, 12, 84.	2.6	14
128	COVID-19 Sequelae and the Host Proinflammatory Response: An Analysis From the OnCovid Registry. Journal of the National Cancer Institute, 2022, 114, 979-987.	6.3	14
129	SEOM clinical guidelines for hereditary cancer. Clinical and Translational Oncology, 2011, 13, 580-586.	2.4	13
130	Evidence for a link between TNFRSF11A and risk of breast cancer. Breast Cancer Research and Treatment, 2011, 129, 947-954.	2.5	12
131	Germline variation in O6-methylguanine-DNA methyltransferase (MGMT) as cause of hereditary colorectal cancer. Cancer Letters, 2019, 447, 86-92.	7.2	12
132	Neoadjuvant Metformin Added to Systemic Therapy Decreases the Proliferative Capacity of Residual Breast Cancer. Journal of Clinical Medicine, 2019, 8, 2180.	2.4	12
133	BRCA1 haploinsufficiency cell-autonomously activates RANKL expression and generates denosumab-responsive breast cancer-initiating cells. Oncotarget, 2017, 8, 35019-35032.	1.8	12
134	Evolution of the predictive markers amphiregulin and epiregulin mRNAs during long-term cetuximab treatment of KRAS wild-type tumor cells. Investigational New Drugs, 2012, 30, 846-852.	2.6	11
135	Ethics competences in the undergraduate medical education curriculum: the Spanish experience. Croatian Medical Journal, 2016, 57, 493-503.	0.7	11
136	Does multilocus inherited neoplasia alleles syndrome have severe clinical expression?. Journal of Medical Genetics, 2019, 56, 521-525.	3.2	11
137	Assessing Effectiveness of Colonic and Gynecological Risk Reducing Surgery in Lynch Syndrome Individuals. Cancers, 2020, 12, 3419.	3.7	11
138	The Spectrum of FANCM Protein Truncating Variants in European Breast Cancer Cases. Cancers, 2020, 12, 292.	3.7	11
139	BARD1 Pathogenic Variants Are Associated with Triple-Negative Breast Cancer in a Spanish Hereditary Breast and Ovarian Cancer Cohort. Genes, 2021, 12, 150.	2.4	11
140	No Difference in Penetrance between Truncating and Missense/Aberrant Splicing Pathogenic Variants in MLH1 and MSH2: A Prospective Lynch Syndrome Database Study. Journal of Clinical Medicine, 2021, 10, 2856.	2.4	11
141	Persistence of long-term COVID-19 sequelae in patients with cancer: An analysis from the OnCovid registry. European Journal of Cancer, 2022, 170, 10-16.	2.8	11
142	Hereditary breast cancer and genetic counseling in young women. Breast Cancer Research and Treatment, 2010, 123, 7-9.	2.5	10
143	Cancer develops, progresses and responds to therapies through restricted perturbation of the proteinâ€“protein interaction network. Integrative Biology (United Kingdom), 2012, 4, 1038.	1.3	10
144	Comprehensive analysis and ACMGâ€based classification of CHEK2 variants in hereditary cancer patients. Human Mutation, 2020, 41, 2128-2142.	2.5	10

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145	TP53, a gene for colorectal cancer predisposition in the absence of Li-Fraumeni-associated phenotypes. Gut, 2021, 70, 1139-1146.	12.1	10
146	Paired Somatic-Germline Testing of 15 Polyposis and Colorectal Cancerâ€“Predisposing Genes Highlights the Role of APC Mosaicism in de Novo Familial Adenomatous Polyposis. Journal of Molecular Diagnostics, 2021, 23, 1452-1459.	2.8	10
147	DGCR8 and the six hit, three-step model of schwannomatosis. Acta Neuropathologica, 2022, 143, 115-117.	7.7	10
148	Scarce evidence of the causal role of germline mutations in UNC5C in hereditary colorectal cancer and polyposis. Scientific Reports, 2016, 6, 20697.	3.3	9
149	Psychosocial problems in women attending French, German and Spanish genetics clinics before and after targeted or multigene testing results: an observational prospective study. BMJ Open, 2019, 9, e029926.	1.9	9
150	Primary breast cancer and health related quality of life in Spanish women: The EpiGEICAM case-control study. Scientific Reports, 2020, 10, 7741.	3.3	9
151	Modeling Reuse on Case-Based Reasoning with Application to Breast Cancer Diagnosis. Lecture Notes in Computer Science, 2008, , 322-332.	1.3	9
152	Improving Genetic Testing in Hereditary Cancer by RNA Analysis. Journal of Molecular Diagnostics, 2020, 22, 1453-1468.	2.8	9
153	ERCC3, a new ovarian cancer susceptibility gene?. European Journal of Cancer, 2020, 141, 1-8.	2.8	8
154	Non-Lynch Familial and Early-Onset Colorectal Cancer Explained by Accumulation of Low-Risk Genetic Variants. Cancers, 2021, 13, 3857.	3.7	8
155	CA-125 Response Patterns in Patients With Recurrent Ovarian Cancer Treated With Pegylated Liposomal Doxorubicin (PLD). International Journal of Gynecological Cancer, 2010, 20, 87-91.	2.5	8
156	Chemotherapy And Radiotherapy In Locally Advanced Cervical Cancer. Acta OncolÃ³gica, 1995, 34, 941-944.	1.8	7
157	Defining a mutational signature for endometrial cancer screening and early detection. Cancer Epidemiology, 2019, 61, 129-132.	1.9	7
158	Highly sensitive MLH1 methylation analysis in blood identifies a cancer patient with low-level mosaic MLH1 epimutation. Clinical Epigenetics, 2019, 11, 171.	4.1	7
159	Altered regulation of BRCA1 exon 11 splicing is associated with breast cancer risk in carriers of BRCA1 pathogenic variants. Human Mutation, 2021, 42, 1488-1502.	2.5	7
160	Chop Chemotherapy of Intermediate and High-Grade Non-Hodgkin's Lymphoma. Acta OncolÃ³gica, 1994, 33, 935-939.	1.8	6
161	Investigating the effect of 28 BRCA1 and BRCA2 mutations on their related transcribed mRNA. Breast Cancer Research and Treatment, 2016, 155, 253-260.	2.5	6
162	Immune Cell Associations with Cancer Risk. IScience, 2020, 23, 101296.	4.1	6

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163	Sensitivity of cervical cytology in endometrial cancer detection in a tertiary hospital in Spain. Cancer Medicine, 2021, 10, 6762-6766.	2.8	6
164	Mosaicism in PTENâ€"new case and comment on the literature. European Journal of Human Genetics, 2022, 30, 641-644.	2.8	6
165	Night work, chronotype and risk of endometrial cancer in the Screenwide caseâ€"control study. Occupational and Environmental Medicine, 2022, , oemed-2021-108080.	2.8	6
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