Miriam V Dwek

List of Publications by Year
in descending order

67 papers	5,244 citations	147801 31 h-index	110387 64 g-index
73 all docs	73 docs citations	73 times ranked	8087 citing authors

#	Article	IF	Citations
1	Common variants in breast cancer risk loci predispose to distinct tumor subtypes. Breast Cancer Research, 2022, 24, 2.	5.0	15
2	Clinical relevance assessment of animal preclinical research (RAA) tool: development and explanation. PeerJ, 2021, 9, e10673.	2.0	8
3	A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. Nature Communications, 2021, 12, 1078.	12.8	19
4	MiR-21 Is Required for the Epithelial–"Mesenchymal Transition in MDA-MB-231 Breast Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 1557.	4.1	29
5	Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element. American Journal of Human Genetics, 2021, 108, 1190-1203.	6.2	6
6	Association of germline genetic variants with breast cancer-specific survival in patient subgroups defined by clinic-pathological variables related to tumor biology and type of systemic treatment. Breast Cancer Research, 2021, 23, 86.	5.0	7
7	Mendelian randomisation study of smoking exposure in relation to breast cancer risk. British Journal of Cancer, 2021, 125, 1135-1145.	6.4	9
8	Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397.	27.8	183
9	A data science approach for early-stage prediction of Patient's susceptibility to acute side effects of advanced radiotherapy. Computers in Biology and Medicine, 2021, 135, 104624.	7.0	3
10	Breast Cancer Risk Factors and Survival by Tumor Subtype: Pooled Analyses from the Breast Cancer Association Consortium. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 623-642.	2.5	19
11	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. Nature Genetics, 2020, 52, 56-73.	21.4	120
12	Cancer cells grown in 3D under fluid flow exhibit an aggressive phenotype and reduced responsiveness to the anti-cancer treatment doxorubicin. Scientific Reports, 2020, 10, 12020.	3.3	27
13	Machine learning prediction of susceptibility to visceral fat associated diseases. Health and Technology, 2020, 10, 925-944.	3.6	7
14	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. American Journal of Human Genetics, 2020, 107, 837-848.	6.2	39
15	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. Nature Genetics, 2020, 52, 572-581.	21.4	265
16	Germline HOXB13 mutations p.G84E and p.R217C do not confer an increased breast cancer risk. Scientific Reports, 2020, 10, 9688.	3.3	2
17	Transcriptome–wide association study of breast cancer risk by estrogen–receptor status. Genetic Epidemiology, 2020, 44, 442-468.	1.3	32
18	A network analysis to identify mediators of germline-driven differences in breast cancer prognosis. Nature Communications, 2020, 11, 312.	12.8	30

#	Article	IF	Citations
19	Machine Learning Classification of Females Susceptibility to Visceral Fat Associated Diseases. IFMBE Proceedings, 2020, , 679-693.	0.3	0
20	The FANCM:p.Arg658* truncating variant is associated with risk of triple-negative breast cancer. Npj Breast Cancer, 2019, 5, 38.	5.2	28
21	Two truncating variants in FANCC and breast cancer risk. Scientific Reports, 2019, 9, 12524.	3.3	5
22	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	12.8	88
23	Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. Nature Communications, 2019, 10, 1741.	12.8	90
24	Serum IgA1 shows increased levels of α2,6-linked sialic acid in breast cancer. Interface Focus, 2019, 9, 20180079.	3.0	18
25	Genome-wide association study of germline variants and breast cancer-specific mortality. British Journal of Cancer, 2019, 120, 647-657.	6.4	52
26	Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. American Journal of Human Genetics, 2019, 104, 21-34.	6.2	711
27	Associations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysis. International Journal of Epidemiology, 2019, 48, 795-806.	1.9	81
28	A transcriptome-wide association study of 229,000 women identifies new candidate susceptibility genes for breast cancer. Nature Genetics, 2018, 50, 968-978.	21.4	184
29	Cellular glycosylation affects Herceptin binding and sensitivity of breast cancer cells to doxorubicin and growth factors. Scientific Reports, 2017, 7, 43006.	3.3	70
30	Association analysis identifies 65 new breast cancer risk loci. Nature, 2017, 551, 92-94.	27.8	1,099
31	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. Nature Genetics, 2017, 49, 1767-1778.	21.4	289
32	PhytoCloud: A Gamified Mobile Web Application to Modulate Diet and Physical Activity of Women with Breast Cancer. , 2017, , .		7
33	Identification of independent association signals and putative functional variants for breast cancer risk through fine-scale mapping of the 12p11 locus. Breast Cancer Research, 2016, 18, 64.	5.0	31
34	Cadherin-5: a biomarker for metastatic breast cancer with optimum efficacy in oestrogen receptor-positive breast cancers with vascular invasion. British Journal of Cancer, 2016, 114, 1019-1026.	6.4	36
35	Identification of O-Linked Glycoproteins Binding to the Lectin Helix pomatia Agglutinin as Markers of Metastatic Colorectal Cancer. PLoS ONE, 2015, 10, e0138345.	2.5	17
36	Prediction of Breast Cancer Risk Based on Profiling With Common Genetic Variants. Journal of the National Cancer Institute, 2015, 107, .	6.3	428

#	Article	IF	Citations
37	Genetic Predisposition to In Situ and Invasive Lobular Carcinoma of the Breast. PLoS Genetics, 2014, 10, e1004285.	3.5	39
38	Refined histopathological predictors of BRCA1 and BRCA2 mutation status: a large-scale analysis of breast cancer characteristics from the BCAC, CIMBA, and ENIGMA consortia. Breast Cancer Research, 2014, 16, 3419.	5.0	97
39	Preferential Lectin Binding of Cancer Cells upon Sialic Acid Treatment Under Nutrient Deprivation. Applied Biochemistry and Biotechnology, 2013, 171, 963-974.	2.9	10
40	The DietCompLyf study: A prospective cohort study of breast cancer survival and phytoestrogen consumption. Maturitas, 2013, 75, 232-240.	2.4	25
41	Conjugation of quantum dots on carbon nanotubes for medical diagnosis and treatment. International Journal of Nanomedicine, 2013, 8, 941.	6.7	59
42	A targeted glycoproteomic approach identifies cadherin-5 as a novel biomarker of metastatic breast cancer. Cancer Letters, 2013, 328, 335-344.	7.2	36
43	Functionalization of single-walled carbon nanotubes and their binding to cancer cells. International Journal of Nanomedicine, 2012, 7, 905.	6.7	51
44	19p13.1 Is a Triple-Negativeâ€"Specific Breast Cancer Susceptibility Locus. Cancer Research, 2012, 72, 1795-1803.	0.9	100
45	The lectin Helix pomatia agglutinin recognizes O-GlcNAc containing glycoproteins in human breast cancer. Glycobiology, 2012, 22, 839-848.	2.5	76
46	Beyond the genome and proteome: targeting protein modifications in cancer. Current Opinion in Pharmacology, 2012, 12, 408-413.	3.5	26
47	A novel approach to determining the affinity of proteinâ€"carbohydrate interactions employing adherent cancer cells grown on a biosensor surface. Biosensors and Bioelectronics, 2012, 35, 160-166.	10.1	30
48	Lectin Array-Based Strategies for Identifying Metastasis-Associated Changes in Glycosylation. Methods in Molecular Biology, 2012, 878, 267-272.	0.9	13
49	2-DE-Based Proteomics for the Analysis of Metastasis-Associated Proteins. Methods in Molecular Biology, 2012, 878, 111-120.	0.9	1
50	Cell surface glycanâ€"lectin interactions in tumor metastasis. Acta Histochemica, 2011, 113, 591-600.	1.8	72
51	Identification, Cloning, and Characterization of Two N-Acetylgalactosamine-binding Lectins from the Albumen Gland of Helix pomatia. Journal of Biological Chemistry, 2011, 286, 20260-20266.	3.4	21
52	A sensitive assay to measure biomarker glycosylation demonstrates increased fucosylation of prostate specific antigen (PSA) in patients with prostate cancer compared with benign prostatic hyperplasia. Clinica Chimica Acta, 2010, 411, 1935-1939.	1.1	60
53	Identification and elimination of false-positives in an ELISA-based system for qualitative assessment of glycoconjugate binding using a selection of plant lectins. BioTechniques, 2007, 43, 458-464.	1.8	13
54	Proteome analysis of metastatic colorectal cancer cells recognized by the lectin **_Helix pomatia_** agglutinin (HPA). Proteomics, 2007, 7, 4082-4089.	2.2	34

#	Article	IF	Citations
55	Breast Cancer Proteomics Using Two-Dimensional Electrophoresis : Studying the Breast Cancer Proteome. , 2006, 120, 231-244.		1
56	Harnessing Changes in Cellular Glycosylation in New Cancer Treatment Strategies. Current Cancer Drug Targets, 2004, 4, 425-442.	1.6	45
57	Proteome analysis enables separate clustering of normal breast, benign breast and breast cancer tissues. British Journal of Cancer, 2003, 89, 305-307.	6.4	51
58	Use of Proteomic Methodology for the Characterization of Human Milk Fat Globular Membrane Proteins. Analytical Biochemistry, 2002, 301, 314-324.	2.4	82
59	Current Perspectives in Cancer Proteomics. Molecular Biotechnology, 2002, 22, 139-152.	2.4	12
60	Helix pomatia agglutinin lectin-binding oligosaccharides of aggressive breast cancer. International Journal of Cancer, 2001, 95, 79-85.	5.1	45
61	Proteome and glycosylation mapping identifies post-translational modifications associated with aggressive breast cancer. Proteomics, 2001, 1, 756-762.	2.2	82
62	A Detailed Analysis of Neutral and Acidic Carbohydrates in Human Milk. Analytical Biochemistry, 1999, 273, 261-277.	2.4	53
63	Release and analysis of polypeptides and glycopolypeptides from formalin-fixed, paraffin wax-embedded tissue. The Histochemical Journal, 1998, 30, 609-615.	0.6	8
64	Breast cancer progression is associated with a reduction in the diversity of sialylated and neutral oligosaccharides. Clinica Chimica Acta, 1998, 271, 191-202.	1.1	18
65	Identification, purification and analysis of a 55 kDa lectin binding glycoprotein present in breast cancer tissue. Clinica Chimica Acta, 1996, 254, 47-61.	1.1	14
66	Oligosaccharide Release from Frozen and Paraffin-Wax-Embedded Archival Tissues. Analytical Biochemistry, 1996, 242, 8-14.	2.4	10
67	Altered expression of N-acetyl galactosamine glycoproteins by breast cancers. Biochemical Society Transactions, 1994, 22, 95S-95S.	3.4	1