# Miriam V Dwek

List of Publications by Year
in descending order



| 67 | 5,244 | 147566 | 110170 |
|---|---|---|---|
| papers | citations | 31 h-index | 64 g-index |

| 73 | 73 | 73 | 8087 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Common variants in breast cancer risk loci predispose to distinct tumor subtypes. Breast Cancer Research, 2022, 24, 2. | 2.2 | 15 |
| 2 | Clinical relevance assessment of animal preclinical research (RAA) tool: development and explanation. PeerJ, 2021, 9, e10673. | 0.9 | 8 |
| 3 | A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. Nature Communications, 2021, 12, 1078. | 5.8 | 19 |
| 4 | MiR-21 Is Required for the Epithelialâ€“Mesenchymal Transition in MDA-MB-231 Breast Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 1557. | 1.8 | 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. | 2.6 | 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. | 2.2 | 7 |
| 7 | Mendelian randomisation study of smoking exposure in relation to breast cancer risk. British Journal of Cancer, 2021, 125, 1135-1145. | 2.9 | 9 |
| 8 | Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397. | 13.7 | 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. | 3.9 | 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. | 1.1 | 19 |
| 11 | Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. Nature Genetics, 2020, 52, 56-73. | 9.4 | 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. | 1.6 | 27 |
| 13 | Machine learning prediction of susceptibility to visceral fat associated diseases. Health and Technology, 2020, 10, 925-944. | 2.1 | 7 |
| 14 | Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. American Journal of Human Genetics, 2020, 107, 837-848. | 2.6 | 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. | 9.4 | 265 |
| 16 | Germline HOXB13 mutations p.G84E and p.R217C do not confer an increased breast cancer risk. Scientific Reports, 2020, 10, 9688. | 1.6 | 2 |
| 17 | Transcriptomeâ€wide association study of breast cancer risk by estrogenâ€receptor status. Genetic Epidemiology, 2020, 44, 442-468. | 0.6 | 32 |
| 18 | A network analysis to identify mediators of germline-driven differences in breast cancer prognosis. Nature Communications, 2020, 11, 312. | 5.8 | 30 |

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|---|---|---|---|
| 19 | Machine Learning Classification of Females Susceptibility to Visceral Fat Associated Diseases. IFMBE Proceedings, 2020, , 679-693. | 0.2 | 0 |
| 20 | The FANCM:p.Arg658* truncating variant is associated with risk of triple-negative breast cancer. Npj Breast Cancer, 2019, 5, 38. | 2.3 | 28 |
| 21 | Two truncating variants in FANCC and breast cancer risk. Scientific Reports, 2019, 9, 12524. | 1.6 | 5 |
| 22 | Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431. | 5.8 | 88 |
| 23 | Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. Nature Communications, 2019, 10, 1741. | 5.8 | 90 |
| 24 | Serum IgA1 shows increased levels ofÎ±2,6-linked sialic acid in breast cancer. Interface Focus, 2019, 9, 20180079. | 1.5 | 18 |
| 25 | Genome-wide association study of germline variants and breast cancer-specific mortality. British Journal of Cancer, 2019, 120, 647-657. | 2.9 | 52 |
| 26 | Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. American Journal of Human Genetics, 2019, 104, 21-34. | 2.6 | 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. | 0.9 | 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. | 9.4 | 184 |
| 29 | Cellular glycosylation affects Herceptin binding and sensitivity of breast cancer cells to doxorubicin and growth factors. Scientific Reports, 2017, 7, 43006. | 1.6 | 70 |
| 30 | Association analysis identifies 65 new breast cancer risk loci. Nature, 2017, 551, 92-94. | 13.7 | 1,099 |
| 31 | Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. Nature Genetics, 2017, 49, 1767-1778. | 9.4 | 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. | 2.2 | 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. | 2.9 | 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. | 1.1 | 17 |
| 36 | Prediction of Breast Cancer Risk Based on Profiling With Common Genetic Variants. Journal of the National Cancer Institute, 2015, 107, . | 3.0 | 428 |

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|---|---|---|---|
| 37 | Genetic Predisposition to In Situ and Invasive Lobular Carcinoma of the Breast. PLoS Genetics, 2014, 10, e1004285. | 1.5 | 39 |
| 38 | Refined histopathological predictors of BRCA1 and BRCA2mutation status: a large-scale analysis of breast cancer characteristics from the BCAC, CIMBA, and ENIGMA consortia. Breast Cancer Research, 2014, 16, 3419. | 2.2 | 97 |
| 39 | Preferential Lectin Binding of Cancer Cells upon Sialic Acid Treatment Under Nutrient Deprivation. Applied Biochemistry and Biotechnology, 2013, 171, 963-974. | 1.4 | 10 |
| 40 | The DietCompLyf study: A prospective cohort study of breast cancer survival and phytoestrogen consumption. Maturitas, 2013, 75, 232-240. | 1.0 | 25 |
| 41 | Conjugation of quantum dots on carbon nanotubes for medical diagnosis and treatment. International Journal of Nanomedicine, 2013, 8, 941. | 3.3 | 59 |
| 42 | A targeted glycoproteomic approach identifies cadherin-5 as a novel biomarker of metastatic breast cancer. Cancer Letters, 2013, 328, 335-344. | 3.2 | 36 |
| 43 | Functionalization of single-walled carbon nanotubes and their binding to cancer cells. International Journal of Nanomedicine, 2012, 7, 905. | 3.3 | 51 |
| 44 | 19p13.1 Is a Triple-Negativeâ€“Specific Breast Cancer Susceptibility Locus. Cancer Research, 2012, 72, 1795-1803. | 0.4 | 100 |
| 45 | The lectin Helix pomatia agglutinin recognizes O-GlcNAc containing glycoproteins in human breast cancer. Glycobiology, 2012, 22, 839-848. | 1.3 | 76 |
| 46 | Beyond the genome and proteome: targeting protein modifications in cancer. Current Opinion in Pharmacology, 2012, 12, 408-413. | 1.7 | 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. | 5.3 | 30 |
| 48 | Lectin Array-Based Strategies for Identifying Metastasis-Associated Changes in Glycosylation. Methods in Molecular Biology, 2012, 878, 267-272. | 0.4 | 13 |
| 49 | 2-DE-Based Proteomics for the Analysis of Metastasis-Associated Proteins. Methods in Molecular Biology, 2012, 878, 111-120. | 0.4 | 1 |
| 50 | Cell surface glycanâ€“lectin interactions in tumor metastasis. Acta Histochemica, 2011, 113, 591-600. | 0.9 | 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. | 1.6 | 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. | 0.5 | 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. | 0.8 | 13 |
| 54 | Proteome analysis of metastatic colorectal cancer cells recognized by the lectin Helix pomatia agglutinin (HPA). Proteomics, 2007, 7, 4082-4089. | 1.3 | 34 |

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|---|---|---|---|
| 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. | 0.8 | 45 |
| 57 | Proteome analysis enables separate clustering of normal breast, benign breast and breast cancer tissues. British Journal of Cancer, 2003, 89, 305-307. | 2.9 | 51 |
| 58 | Use of Proteomic Methodology for the Characterization of Human Milk Fat Globular Membrane Proteins. Analytical Biochemistry, 2002, 301, 314-324. | 1.1 | 82 |
| 59 | Current Perspectives in Cancer Proteomics. Molecular Biotechnology, 2002, 22, 139-152. | 1.3 | 12 |
| 60 | Helix pomatia agglutinin lectin-binding oligosaccharides of aggressive breast cancer. International Journal of Cancer, 2001, 95, 79-85. | 2.3 | 45 |
| 61 | Proteome and glycosylation mapping identifies post-translational modifications associated with aggressive breast cancer. Proteomics, 2001, 1, 756-762. | 1.3 | 82 |
| 62 | A Detailed Analysis of Neutral and Acidic Carbohydrates in Human Milk. Analytical Biochemistry, 1999, 273, 261-277. | 1.1 | 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. | 0.5 | 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. | 0.5 | 14 |
| 66 | Oligosaccharide Release from Frozen and Paraffin-Wax-Embedded Archival Tissues. Analytical Biochemistry, 1996, 242, 8-14. | 1.1 | 10 |
| 67 | Altered expression of N-acetyl galactosamine glycoproteins by breast cancers. Biochemical Society Transactions, 1994, 22, 95S-95S. | 1.6 | 1 |