# Michael C Dean

List of Publications by Year
in descending order



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|---|---|---|---|
| 436 papers | 64,705 citations | 1704 104 h-index | 834 245 g-index |
| 474 all docs | 474 docs citations | 474 times ranked | 53326 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | HLA-A*03 and response to immune checkpoint blockade in cancer: an epidemiological biomarker study. Lancet Oncology, The, 2022, 23, 172-184. | 10.7 | 58 |
| 2 | Aflatoxin levels and prevalence of TP53 aflatoxin-mutations in hepatocellular carcinomas in Mexico. Salud Publica De Mexico, 2022, 64, 35-40. | 0.4 | 2 |
| 3 | Editorial: The Genetic Causes Underlying Immune Mediated Disease: A Focus on Autoimmunity and Cancer. Frontiers in Genetics, 2022, 13, 889160. | 2.3 | 0 |
| 4 | Whole-genome sequencing of 1,171 elderly admixed individuals from Brazil. Nature Communications, 2022, 13, 1004. | 12.8 | 35 |
| 5 | Sequence Variant in the TRIM39-RPP21 Gene Readthrough is Shared Across a Cohort of Arabian Foals Diagnosed with Juvenile Idiopathic Epilepsy.. , 2022, 1, . | | 0 |
| 6 | The human ATPâ€binding cassette (ABC) transporter superfamily. Human Mutation, 2022, 43, 1162-1182. | 2.5 | 45 |
| 7 | Integrative molecular characterisation of gallbladder cancer reveals micro-environment-associated subtypes. Journal of Hepatology, 2021, 74, 1132-1144. | 3.7 | 30 |
| 8 | Endemic Burkitt Lymphoma in second-degree relatives in Northern Uganda: in-depth genome-wide analysis suggests clues about genetic susceptibility. Leukemia, 2021, 35, 1209-1213. | 7.2 | 5 |
| 9 | Genome diversity in Ukraine. GigaScience, 2021, 10, . | 6.4 | 9 |
| 10 | Frequency of Pathogenic Germline Variants in Cancer-Susceptibility Genes in the Childhood Cancer Survivor Study. JNCI Cancer Spectrum, 2021, 5, pkab007. | 2.9 | 11 |
| 11 | Genome-wide homozygosity and risk of four non-Hodgkin lymphoma subtypes. , 2021, 5, 200-217. | | 0 |
| 12 | Metformin and Androgen Receptor-Axis-Targeted (ARAT) Agents Induce Two PARP-1-Dependent Cell Death Pathways in Androgen-Sensitive Human Prostate Cancer Cells. Cancers, 2021, 13, 633. | 3.7 | 9 |
| 13 | Targeted Deep Sequencing of Bladder Tumors Reveals Novel Associations between Cancer Gene Mutations and Mutational Signatures with Major Risk Factors. Clinical Cancer Research, 2021, 27, 3725-3733. | 7.0 | 11 |
| 14 | Lack of transgenerational effects of ionizing radiation exposure from the Chernobyl accident. Science, 2021, 372, 725-729. | 12.6 | 60 |
| 15 | scDPN for High-throughput Single-cell CNV Detection to Uncover Clonal Evolution During HCC Recurrence. Genomics, Proteomics and Bioinformatics, 2021, 19, 346-357. | 6.9 | 3 |
| 16 | Germline variants in hereditary breast cancer genes are associated with early age at diagnosis and family history in Guatemalan breast cancer. Breast Cancer Research and Treatment, 2021, 189, 533-539. | 2.5 | 6 |
| 17 | Tumor heterogeneity assessed by sequencing and fluorescence in situ hybridization (FISH) data. Bioinformatics, 2021, 37, 4704-4711. | 4.1 | 5 |
| 18 | Dissecting spatial heterogeneity and the immune-evasion mechanism of CTCs by single-cell RNA-seq in hepatocellular carcinoma. Nature Communications, 2021, 12, 4091. | 12.8 | 90 |

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|---|---|---|---|
| 19 | Aflatoxin and the aetiology of liver cancer and its implications for Guatemala. World Mycotoxin Journal, 2021, 14, 305-317. | 1.4 | 9 |
| 20 | Tracing the Distribution of European Lactase Persistence Genotypes Along the Americas. Frontiers in Genetics, 2021, 12, 671079. | 2.3 | 3 |
| 21 | Joint Clustering of Single-Cell Sequencing and Fluorescence In Situ Hybridization Data for Reconstructing Clonal Heterogeneity in Cancers. Journal of Computational Biology, 2021, 28, 1035-1051. | 1.6 | 2 |
| 22 | Cervical Visual Inspection with Acetic Acid (VIA) and Oncogenic Human Papillomavirus Screening in Rural Indigenous Guatemalan Women: Time to Rethink VIA. International Journal of Environmental Research and Public Health, 2021, 18, 12406. | 2.6 | 3 |
| 23 | Structural and functional diversity calls for a new classification of ABC transporters. FEBS Letters, 2020, 594, 3767-3775. | 2.8 | 169 |
| 24 | Single-cell transcriptomics reveals regulators underlying immune cell diversity and immune subtypes associated with prognosis in nasopharyngeal carcinoma. Cell Research, 2020, 30, 1024-1042. | 12.0 | 182 |
| 25 | Aflatoxin B<sub>1</sub> exposure and liver cirrhosis in Guatemala: a caseâ€“control study. BMJ Open Gastroenterology, 2020, 7, e000380. | 2.7 | 14 |
| 26 | Embryonic liver developmental trajectory revealed by single-cell RNA sequencing in the Foxa2eGFP mouse. Communications Biology, 2020, 3, 642. | 4.4 | 24 |
| 27 | Genetic and Epigenetic Regulation of the Smoothened Gene (SMO) in Cancer Cells. Cancers, 2020, 12, 2219. | 3.7 | 7 |
| 28 | Using self-collection HPV testing to increase engagement in cervical cancer screening programs in rural Guatemala: a longitudinal analysis. BMC Public Health, 2020, 20, 1406. | 2.9 | 7 |
| 29 | Androgen receptor signaling regulates the transcriptome of prostate cancer cells by modulating global alternative splicing. Oncogene, 2020, 39, 6172-6189. | 5.9 | 23 |
| 30 | Metastatic and recurrent adrenocortical cancer is not defined by its genomic landscape. BMC Medical Genomics, 2020, 13, 165. | 1.5 | 15 |
| 31 | Tumor Copy Number Deconvolution Integrating Bulk and Single-Cell Sequencing Data. Journal of Computational Biology, 2020, 27, 565-598. | 1.6 | 10 |
| 32 | Frequency of Pathogenic Germline Variants in Cancer-Susceptibility Genes in Patients With Osteosarcoma. JAMA Oncology, 2020, 6, 724. | 7.1 | 139 |
| 33 | The D2 and D3 Sublineages of Human Papilloma Virus 16â€“Positive Cervical Cancer in Guatemala Differ in Integration Rate and Age of Diagnosis. Cancer Research, 2020, 80, 3803-3809. | 0.9 | 8 |
| 34 | Origins, Admixture Dynamics, and Homogenization of the African Gene Pool in the Americas. Molecular Biology and Evolution, 2020, 37, 1647-1656. | 8.9 | 43 |
| 35 | Mutations in the HPV16 genome induced by APOBEC3 are associated with viral clearance. Nature Communications, 2020, 11, 886. | 12.8 | 52 |
| 36 | Genome-wide Association Study Identifies HLA-DPB1 as a Significant Risk Factor for Severe Aplastic Anemia. American Journal of Human Genetics, 2020, 106, 264-271. | 6.2 | 25 |

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|---|---|---|---|
| 37 | The genetic structure and adaptation of Andean highlanders and Amazonians are influenced by the interplay between geography and culture. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32557-32565. | 7.1 | 28 |
| 38 | PIK3CÎ´ expression by fibroblasts promotes triple-negative breast cancer progression. Journal of Clinical Investigation, 2020, 130, 3188-3204. | 8.2 | 33 |
| 39 | The Human TET2 Gene Contains Three Distinct Promoter Regions With Differing Tissue and Developmental Specificities. Frontiers in Cell and Developmental Biology, 2019, 7, 99. | 3.7 | 8 |
| 40 | 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 |
| 41 | Variants in ARID5B gene are associated with the development of acute lymphoblastic leukemia in Mexican children. Annals of Hematology, 2019, 98, 2379-2388. | 1.8 | 11 |
| 42 | Genetic signatures of gene flow and malaria-driven natural selection in sub-Saharan populations of the "endemic Burkitt Lymphoma belt". PLoS Genetics, 2019, 15, e1008027. | 3.5 | 23 |
| 43 | High prevalence of precocious menarche in PuertoÂBarrios, Guatemala. American Journal of Obstetrics and Gynecology, 2019, 221, 162-163. | 1.3 | 1 |
| 44 | HPV self-sampling acceptability in rural and indigenous communities in Guatemala: a cross-sectional study. BMJ Open, 2019, 9, e029158. | 1.9 | 28 |
| 45 | Increased frequency of germline BRCA2 mutations associates with prostate cancer metastasis in a racially diverse patient population. Prostate Cancer and Prostatic Diseases, 2019, 22, 406-410. | 3.9 | 45 |
| 46 | Reply to â€˜Mosaic loss of chromosome Y in leukocytes mattersâ€™. Nature Genetics, 2019, 51, 7-9. | 21.4 | 7 |
| 47 | Combined somatic mutation and copy number analysis in the survival of familial <scp>CLL</scp>. British Journal of Haematology, 2018, 181, 604-613. | 2.5 | 3 |
| 48 | LMTK3 confers chemo-resistance in breast cancer. Oncogene, 2018, 37, 3113-3130. | 5.9 | 31 |
| 49 | A Recurrent BRCA2 Mutation Explains the Majority of Hereditary Breast and Ovarian Cancer Syndrome Cases in Puerto Rico. Cancers, 2018, 10, 419. | 3.7 | 22 |
| 50 | Wholeâ€exome sequencing of nevoid basal cell carcinoma syndrome families and review of Human Gene Mutation Database PTCH1 mutation data. Molecular Genetics & Genomic Medicine, 2018, 6, 1168-1180. | 1.2 | 16 |
| 51 | Prevalence of pathogenic/likely pathogenic variants in the 24 cancer genes of the ACMG Secondary Findings v2.0 list in a large cancer cohort and ethnicity-matched controls. Genome Medicine, 2018, 10, 99. | 8.2 | 15 |
| 52 | Low-cost HPV testing and the prevalence of cervical infection in asymptomatic populations in Guatemala. BMC Cancer, 2018, 18, 562. | 2.6 | 9 |
| 53 | Comprehensive Analysis of Germline Variants in Mexican Patients with Hereditary Breast and Ovarian Cancer Susceptibility. Cancers, 2018, 10, 361. | 3.7 | 22 |
| 54 | Description of Genetic Variants in BRCA Genes in Mexican Patients with Ovarian Cancer: A First Step towards Implementing Personalized Medicine. Genes, 2018, 9, 349. | 2.4 | 4 |

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|---|---|---|---|
| 55 | Abstract 1240: Comprehensive analysis of germline variants in Mexican patients with hereditary breast and ovarian cancer susceptibility. , 2018, , . | | 0 |
| 56 | Variants in ARID5B Gene Are Associated with the Development of Acute Lymphoblastic Leukemia in Mexican Children. Blood, 2018, 132, 1556-1556. | 1.4 | 0 |
| 57 | Molecular analysis of urothelial cancer cell lines for modeling tumor biology and drug response. Oncogene, 2017, 36, 35-46. | 5.9 | 85 |
| 58 | Association of Aflatoxin and Gallbladder Cancer. Gastroenterology, 2017, 153, 488-494.e1. | 1.3 | 49 |
| 59 | Assessment of a New Lower-Cost Real-Time PCR Assay for Detection of High-Risk Human Papillomavirus: Useful for Cervical Screening in Limited-Resource Settings?. Journal of Clinical Microbiology, 2017, 55, 2348-2355. | 3.9 | 10 |
| 60 | HPV16 E7 Genetic Conservation Is Critical to Carcinogenesis. Cell, 2017, 170, 1164-1174.e6. | 28.9 | 221 |
| 61 | From Gene to Therapy: Understanding Human Disease through Genetics. Colloquium Series on the Genetic Basis of Human Disease, 2017, 5, i-89. | 0.0 | 0 |
| 62 | Prevalence and spectrum of germline rare variants in BRCA1/2 and PALB2 among breast cancer cases in Sarawak, Malaysia. Breast Cancer Research and Treatment, 2017, 165, 687-697. | 2.5 | 26 |
| 63 | TET2 binds the androgen receptor and loss is associated with prostate cancer. Oncogene, 2017, 36, 2172-2183. | 5.9 | 56 |
| 64 | Mosaic chromosome 20q deletions are more frequent in the aging population. Blood Advances, 2017, 1, 380-385. | 5.2 | 15 |
| 65 | ABCC6 and Pseudoxanthoma Elasticum: The Face of a Rare Disease from Genetics to Advocacy. International Journal of Molecular Sciences, 2017, 18, 1488. | 4.1 | 16 |
| 66 | Somatic Host Cell Alterations in HPV Carcinogenesis. Viruses, 2017, 9, 206. | 3.3 | 55 |
| 67 | Next Generation Sequencing Reveals High Prevalence of BRCA1 and BRCA2 Variants of Unknown Significance in Early-Onset Breast Cancer in African American Women. Ethnicity and Disease, 2017, 27, 169. | 2.3 | 26 |
| 68 | Abstract 2379: Nuclear lemur tyrosine kinase-2 regulates RNA polymerase II dependent transcription in prostate cancer. , 2017, , . | | 0 |
| 69 | Abstract 355: TET2-loss modifies androgen signaling in prostate cancer. , 2017, , . | | 0 |
| 70 | Abstract LB-157: Association of aflatoxin and gallbladder cancer in Shanghai. , 2017, , . | | 1 |
| 71 | Abstract 3352: Genome-wide enhancer identify signature predictive of metastatic phenotypes in bladder cancers. , 2017, , . | | 0 |
| 72 | Abstract 4871: Whole-exome sequencing identifies a high frequency of germline deleterious variants in cancer predisposition genes in individuals with osteosarcoma. , 2017, , . | | 0 |

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|---|---|---|---|
| 73 | Evolution of multiple cell clones over a 29-year period of a CLL patient. Nature Communications, 2016, 7, 13765. | 12.8 | 29 |
| 74 | Mosaic loss of chromosome Y is associated with common variation near TCL1A. Nature Genetics, 2016, 48, 563-568. | 21.4 | 134 |
| 75 | Female chromosome X mosaicism is age-related and preferentially affects the inactivated X chromosome. Nature Communications, 2016, 7, 11843. | 12.8 | 86 |
| 76 | MP39-18 HIGHER FREQUENCY OF GERMLINE BRCA1 AND BRCA2 MUTATIONS IN AFRICAN AMERICAN PROSTATE CANCER. Journal of Urology, 2016, 195, . | 0.4 | 4 |
| 77 | Mosaic 13q14 deletions in peripheral leukocytes of non-hematologic cancer cases and healthy controls. Journal of Human Genetics, 2016, 61, 411-418. | 2.3 | 13 |
| 78 | Diverse evolutionary dynamics in glioblastoma inference by multi-region and single-cell sequencing.. Journal of Clinical Oncology, 2016, 34, 11580-11580. | 1.6 | 4 |
| 79 | Abstract A52: Gene alterations associated with clinical characteristics of bladder cancer. , 2016, , . | | 0 |
| 80 | A genome-wide association study of susceptibility to acute lymphoblastic leukemia in adolescents and young adults. Blood, 2015, 125, 680-686. | 1.4 | 110 |
| 81 | Addressing health disparities in Hispanic breast cancer: accurate and inexpensive sequencing of BRCA1 and BRCA2. GigaScience, 2015, 4, 50. | 6.4 | 41 |
| 82 | Characterization of Large Structural Genetic Mosaicism in Human Autosomes. American Journal of Human Genetics, 2015, 96, 487-497. | 6.2 | 101 |
| 83 | Full-length single-cell RNA-seq applied to a viral human cancer: applications to HPV expression and splicing analysis in HeLa S3 cells. GigaScience, 2015, 4, 51. | 6.4 | 51 |
| 84 | Genome Analysis of Latin American Cervical Cancer: Frequent Activation of the PIK3CA Pathway. Clinical Cancer Research, 2015, 21, 5360-5370. | 7.0 | 68 |
| 85 | The genome of Diuraphis noxia, a global aphid pest of small grains. BMC Genomics, 2015, 16, 429. | 2.8 | 113 |
| 86 | Comparison of variations detection between whole-genome amplification methods used in single-cell resequencing. GigaScience, 2015, 4, 37. | 6.4 | 141 |
| 87 | Abstract 4782: Genome-wide chromatin profiling in bladder and prostate cancers. , 2015, , . | | 0 |
| 88 | Abstract 1105: Clinical associations between altered bladder cancer genes. , 2015, , . | | 0 |
| 89 | Abstract 4783: Novel molecular markers of bladder cancer progression identified by global chromatin profiling. , 2015, , . | | 0 |
| 90 | Abstract A1-01: Translational genomics of urologic cancer genes. , 2015, , . | | 0 |

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|---|---|---|---|
| 91 | Association between Amylin and Amyloid-Î² Peptides in Plasma in the Context of Apolipoprotein E4 Allele. PLoS ONE, 2014, 9, e88063. | 2.5 | 16 |
| 92 | Increased incidence and disparity of diagnosis of retinoblastoma patients in Guatemala. Cancer Letters, 2014, 351, 59-63. | 7.2 | 23 |
| 93 | CHRM2 but not CHRM1 or CHRM3 polymorphisms are associated with asthma susceptibility in Mexican patients. Molecular Biology Reports, 2014, 41, 2109-2117. | 2.3 | 7 |
| 94 | Concurrent Alterations in TERT, KDM6A, and the BRCA Pathway in Bladder Cancer. Clinical Cancer Research, 2014, 20, 4935-4948. | 7.0 | 101 |
| 95 | The Distribution of High-Risk Human Papillomaviruses Is Different in Young and Old Patients with Cervical Cancer. PLoS ONE, 2014, 9, e109406. | 2.5 | 31 |
| 96 | Abstract 454:TET2alterations facilitate progression of metastatic prostate cancer. , 2014, , . | | 0 |
| 97 | Abstract 474: Changes in global chromatin landscape identify bladder cancer progression. , 2014, , . | | 0 |
| 98 | Frequency of thiopurine S-methyltransferase mutant alleles in indigenous and admixed Guatemalan patients with acute lymphoblastic leukemia. Medical Oncology, 2013, 30, 474. | 2.5 | 9 |
| 99 | Whole-genome and whole-exome sequencing of bladder cancer identifies frequent alterations in genes involved in sister chromatid cohesion and segregation. Nature Genetics, 2013, 45, 1459-1463. | 21.4 | 400 |
| 100 | Polymorphisms in metalloproteinase-9 are associated with the risk for asthma in Mexican pediatric patients. Human Immunology, 2013, 74, 998-1002. | 2.4 | 22 |
| 101 | The UBIAD1 Prenyltransferase Links Menaquione-4 Synthesis to Cholesterol Metabolic Enzymes. Human Mutation, 2013, 34, 317-329. | 2.5 | 60 |
| 102 | The new sequencer on the block: comparison of Life Technologyâ€™s Proton sequencer to an Illumina HiSeq for whole-exome sequencing. Human Genetics, 2013, 132, 1153-1163. | 3.8 | 75 |
| 103 | Somatic Alterations Contributing to Metastasis of a Castration-Resistant Prostate Cancer. Human Mutation, 2013, 34, 1231-1241. | 2.5 | 52 |
| 104 | Genetics and genomics of prostate cancer. Asian Journal of Andrology, 2013, 15, 309-313. | 1.6 | 22 |
| 105 | Inherited GATA3 variants are associated with Ph-like childhood acute lymphoblastic leukemia and risk of relapse. Nature Genetics, 2013, 45, 1494-1498. | 21.4 | 264 |
| 106 | Novel Susceptibility Variants at 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethnically Diverse Populations. Journal of the National Cancer Institute, 2013, 105, 733-742. | 6.3 | 208 |
| 107 | Abstract 1333: Specific RB1 mutations and risk of subsequent neoplasms among survivors of hereditary retinoblastoma.. , 2013, , . | | 0 |
| 108 | Abstract C121: Genomic characterization of invasive cervical cancer in Guatemala and Venezuela: Common activation of the PIK3CA pathway.. , 2013, , . | | 0 |

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|---|---|---|---|
| 109 | ARID5B Genetic Polymorphisms Contribute to Racial Disparities in the Incidence and Treatment Outcome of Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2012, 30, 751-757. | 1.6 | 165 |
| 110 | Promoter variants in the MSMB gene associated with prostate cancer regulate MSMB/NCOA4 fusion transcripts. Human Genetics, 2012, 131, 1453-1466. | 3.8 | 25 |
| 111 | Single-Cell Exome Sequencing Reveals Single-Nucleotide Mutation Characteristics of a Kidney Tumor. Cell, 2012, 148, 886-895. | 28.9 | 622 |
| 112 | Single-cell sequencing analysis characterizes common and cell-lineage-specific mutations in a muscle-invasive bladder cancer. GigaScience, 2012, 1, 12. | 6.4 | 99 |
| 113 | A locally funded Puerto Rican parrot (Amazona vittata) genome sequencing project increases avian data and advances young researcher education. GigaScience, 2012, 1, 14. | 6.4 | 40 |
| 114 | Detectable clonal mosaicism and its relationship to aging and cancer. Nature Genetics, 2012, 44, 651-658. | 21.4 | 519 |
| 115 | Differential Gene and MicroRNA Expression between Etoposide Resistant and Etoposide Sensitive MCF7 Breast Cancer Cell Lines. PLoS ONE, 2012, 7, e45268. | 2.5 | 27 |
| 116 | Abstract LB-426: Potent inhibitors of RAS pathways that bind directly to Ras proteins. , 2012, , . | | 0 |
| 117 | Genome-Wide Association Study Identifies a Novel Susceptibility Locus At 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethinically Diverse Populations. Blood, 2012, 120, 877-877. | 1.4 | 2 |
| 118 | Multicenter cohort association study of SLC2A1 single nucleotide polymorphisms and age-related macular degeneration. Molecular Vision, 2012, 18, 657-74. | 1.1 | 5 |
| 119 | Variation and evolution of the ABC transporter genes ABCB1, ABCC1, ABCG2, ABCG5 and ABCG8: implication for pharmacogenetics and disease. Drug Metabolism and Drug Interactions, 2011, 26, 169-179. | 0.3 | 37 |
| 120 | Association Assessment of Copy Number Polymorphism and Risk of Age-Related Macular Degeneration. Ophthalmology, 2011, 118, 2442-2446. | 5.2 | 20 |
| 121 | Molecular Evolutionary Analysis of ABCB5: The Ancestral Gene Is a Full Transporter with Potentially Deleterious Single Nucleotide Polymorphisms. PLoS ONE, 2011, 6, e16318. | 2.5 | 24 |
| 122 | Evolution of ABC transporters by gene duplication and their role in human disease. Biological Chemistry, 2011, 392, 29-37. | 2.5 | 84 |
| 123 | Multidrug Efflux Pumps and Cancer Stem Cells: Insights Into Multidrug Resistance and Therapeutic Development. Clinical Pharmacology and Therapeutics, 2011, 89, 491-502. | 4.7 | 239 |
| 124 | Haplotype structure in Ashkenazi Jewish BRCA1 and BRCA2 mutation carriers. Human Genetics, 2011, 130, 685-699. | 3.8 | 18 |
| 125 | Evidence of association ofAPOEwith age-related macular degeneration - a pooled analysis of 15 studies. Human Mutation, 2011, 32, 1407-1416. | 2.5 | 130 |
| 126 | Variations in Apolipoprotein E Frequency With Age in a Pooled Analysis of a Large Group of Older People. American Journal of Epidemiology, 2011, 173, 1357-1364. | 3.4 | 85 |

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|---|---|---|---|
| 127 | Conserved Intramolecular Disulfide Bond Is Critical to Trafficking and Fate of ATP-binding Cassette (ABC) Transporters ABCB6 and Sulfonylurea Receptor 1 (SUR1)/ABCC8. Journal of Biological Chemistry, 2011, 286, 8481-8492. | 3.4 | 37 |
| 128 | Moving out: from sterol transport to drug resistance â€“ the ABCG subfamily of efflux pumps. Drug Metabolism and Drug Interactions, 2011, 26, 105-11. | 0.3 | 15 |
| 129 | Analysis of theABCA4Gene by Next-Generation Sequencing. , 2011, 52, 8479. | | 133 |
| 130 | UBIAD1 Mutation Alters a Mitochondrial Prenyltransferase to Cause Schnyder Corneal Dystrophy. PLoS ONE, 2010, 5, e10760. | 2.5 | 58 |
| 131 | Molecular Cloning and Characterization of the Human ErbB4 Gene: Identification of Novel Splice Isoforms in the Developing and Adult Brain. PLoS ONE, 2010, 5, e12924. | 2.5 | 15 |
| 132 | The ERCC6 Gene and Age-Related Macular Degeneration. PLoS ONE, 2010, 5, e13786. | 2.5 | 26 |
| 133 | Common Genetic Variants and Modification of Penetrance of BRCA2-Associated Breast Cancer. PLoS Genetics, 2010, 6, e1001183. | 3.5 | 85 |
| 134 | Biological Validation of Increased Schizophrenia Risk With NRG1, ERBB4, and AKT1 Epistasis via Functional Neuroimaging in Healthy Controls. Archives of General Psychiatry, 2010, 67, 991. | 12.3 | 113 |
| 135 | The abcc6a Gene Expression Is Required for Normal Zebrafish Development. Journal of Investigative Dermatology, 2010, 130, 2561-2568. | 0.7 | 43 |
| 136 | Linkage Analysis for Monogenic Traits. , 2010, , 211-241. | | 1 |
| 137 | Fine mapping and functional analysis of a common variant in MSMB on chromosome 10q11.2 associated with prostate cancer susceptibility. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7933-7938. | 7.1 | 96 |
| 138 | The 6q22.33 Locus and Breast Cancer Susceptibility. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2468-2475. | 2.5 | 22 |
| 139 | The ABC transporter gene family of Daphnia pulex. BMC Genomics, 2009, 10, 170. | 2.8 | 107 |
| 140 | A rare null allele potentially encoding a dominant-negative TRIM5Î± protein in Baka pygmies. Virology, 2009, 391, 140-147. | 2.4 | 6 |
| 141 | Comprehensive resequence analysis of a 97Âkb region of chromosome 10q11.2 containing the MSMB gene associated with prostate cancer. Human Genetics, 2009, 126, 743-750. | 3.8 | 21 |
| 142 | ABC Transporters, Drug Resistance, and Cancer Stem Cells. Journal of Mammary Gland Biology and Neoplasia, 2009, 14, 3-9. | 2.7 | 377 |
| 143 | Multilocus analysis of age-related macular degeneration. European Journal of Human Genetics, 2009, 17, 1190-1199. | 2.8 | 78 |
| 144 | Genetic variants in AVPR1A linked to autism predict amygdala activation and personality traits in healthy humans. Molecular Psychiatry, 2009, 14, 968-975. | 7.9 | 192 |

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|---|---|---|---|
| 145 | ABCG2: A perspective. Advanced Drug Delivery Reviews, 2009, 61, 3-13. | 13.7 | 409 |
| 146 | Arginine 383 is a crucial residue in ABCG2 biogenesis. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1434-1443. | 2.6 | 26 |
| 147 | The SERPING1 gene and age-related macular degeneration. Lancet, The, 2009, 374, 875-876. | 13.7 | 25 |
| 148 | Breast Cancer Stem Cells. , 2009, , 167-192. | | 0 |
| 149 | Bringing age-related macular degeneration into focus. Nature Genetics, 2008, 40, 820-821. | 21.4 | 22 |
| 150 | Common germline MDR1/ABCB1 functional polymorphisms and haplotypes modify susceptibility to colorectal cancers with high microsatellite instability. Cancer Genetics and Cytogenetics, 2008, 183, 28-34. | 1.0 | 34 |
| 151 | Comparison of 1D and 2D NMR Spectroscopy for Metabolic Profiling. Journal of Proteome Research, 2008, 7, 630-639. | 3.7 | 55 |
| 152 | Genome-wide association study provides evidence for a breast cancer risk locus at 6q22.33. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4340-4345. | 7.1 | 274 |
| 153 | Spectrum of RB1 gene mutations and loss of heterozygosity in Mexican patients with retinoblastoma: Identification of six novel mutations. Cancer Biomarkers, 2008, 4, 93-99. | 1.7 | 18 |
| 154 | Identification of a new breast cacner risk locus in a genome-wide association study of Ashkenazi Jews. Journal of Clinical Oncology, 2008, 26, 11005-11005. | 1.6 | 0 |
| 155 | HCV infection clearance with functional or non-functional caspase-12. Scandinavian Journal of Gastroenterology, 2007, 42, 416-417. | 1.5 | 5 |
| 156 | New inhibitors of ABCG2 identified by high-throughput screening. Molecular Cancer Therapeutics, 2007, 6, 3271-3278. | 4.1 | 57 |
| 157 | Molecular Cloning of a Brain-specific, Developmentally Regulated Neuregulin 1 (NRG1) Isoform and Identification of a Functional Promoter Variant Associated with Schizophrenia. Journal of Biological Chemistry, 2007, 282, 24343-24351. | 3.4 | 131 |
| 158 | Structural Analogues of Smoothened Intracellular Loops as Potent Inhibitors of Hedgehog Pathway and Cancer Cell Growth. Journal of Medicinal Chemistry, 2007, 50, 4534-4538. | 6.4 | 39 |
| 159 | Expression of 25 Human ABC Transporters in the Yeast Pichia pastoris and Characterization of the Purified ABCC3 ATPase Activity. Biochemistry, 2007, 46, 7992-8003. | 2.5 | 42 |
| 160 | Targeted therapy for cancer stem cells: the patched pathway and ABC transporters. Oncogene, 2007, 26, 1357-1360. | 5.9 | 224 |
| 161 | Unique features of TRIM5Î± among closely related human TRIM family members. Virology, 2007, 360, 419-433. | 2.4 | 64 |
| 162 | Novel mutations in the gene encoding ATP binding cassette protein member A3 (ABCA3) resulting in fatal neonatal lung disease. Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 185-190. | 1.5 | 35 |

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|---|---|---|---|
| 163 | The Genome of the Sea Urchin Strongylocentrotus purpuratus. Science, 2006, 314, 941-952. | 12.6 | 1,018 |
| 164 | Extended haplotypes in the complement factor H (CFH) and CFHâ€related (CFHR) family of genes protect against ageâ€related macular degeneration: Characterization, ethnic distribution and evolutionary implications. Annals of Medicine, 2006, 38, 592-604. | 3.8 | 217 |
| 165 | Mutational Studies of G553 in TM5 of ABCG2:Â A Residue Potentially Involved in Dimerizationâ€. Biochemistry, 2006, 45, 5251-5260. | 2.5 | 36 |
| 166 | Purification and ATP Hydrolysis of the Putative Cholesterol Transporters ABCG5 and ABCG8â€. Biochemistry, 2006, 45, 9929-9939. | 2.5 | 34 |
| 167 | The livestock photosensitizer, phytoporphyrin (phylloerythrin), is a substrate of the ATP-binding cassette transporter ABCG2. Research in Veterinary Science, 2006, 81, 345-349. | 1.9 | 20 |
| 168 | The chemical defensome: Environmental sensing and response genes in the Strongylocentrotus purpuratus genome. Developmental Biology, 2006, 300, 366-384. | 2.0 | 235 |
| 169 | Evolution of the vertebrate ABC gene family: Analysis of gene birth and death. Genomics, 2006, 88, 1-11. | 2.9 | 150 |
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