

# Christopher B Umbricht

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3349906/publications.pdf>

Version: 2024-02-01

37  
papers

1,856  
citations

394421

19  
h-index

330143

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3443  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Hypermethylation of 14-3-3 $\beta$ (stratifin) is an early event in breast cancer. <i>Oncogene</i> , 2001, 20, 3348-3353.   | 5.9  | 284       |
| 2  | Modeling precision treatment of breast cancer. <i>Genome Biology</i> , 2013, 14, R110.  | 9.6  | 264       |
| 3  | Integrated Genomic Analysis of $\beta$ -thalassaemia Cell Cancer Reveals Oncogenic Drivers, Recurrent Mitochondrial Mutations, and Unique Chromosomal Landscapes. <i>Cancer Cell</i> , 2018, 34, 256-270.e5.  | 16.8 | 195       |
| 4  | Novel Methylated Biomarkers and a Robust Assay to Detect Circulating Tumor DNA in Metastatic Breast Cancer. <i>Cancer Research</i> , 2014, 74, 2160-2170.   | 0.9  | 149       |
| 5  | Monitoring of Serum DNA Methylation as an Early Independent Marker of Response and Survival in Metastatic Breast Cancer: TBCRC 005 Prospective Biomarker Study. <i>Journal of Clinical Oncology</i> , 2017, 35, 751-758.  | 1.6  | 110       |
| 6  | DNA methylation-related vitamin D receptor insensitivity in breast cancer. <i>Cancer Biology and Therapy</i> , 2010, 10, 44-53.   | 3.4  | 85        |
| 7  | Identification of Genes Differentially Expressed in Benign versus Malignant Thyroid Tumors. <i>Clinical Cancer Research</i> , 2008, 14, 3327-3337.  | 7.0  | 77        |
| 8  | MicroRNA Expression and Association with Clinicopathologic Features in Papillary Thyroid Cancer: A Systematic Review. <i>Thyroid</i> , 2015, 25, 1322-1329.   | 4.5  | 71        |
| 9  | Optimizing the Use of Gene Expression Profiling in Early-Stage Breast Cancer. <i>Journal of Clinical Oncology</i> , 2016, 34, 4390-4397.  | 1.6  | 51        |
| 10 | Association of <i>BRAF</i> <sup>V600E</sup> Mutation and MicroRNA Expression with Central Lymph Node Metastases in Papillary Thyroid Cancer: A Prospective Study from Four Endocrine Surgery Centers. <i>Thyroid</i> , 2016, 26, 532-542.                               | 4.5  | 50        |
| 11 | Preoperative Molecular Markers in Thyroid Nodules. <i>Frontiers in Endocrinology</i> , 2018, 9, 179.  | 3.5  | 44        |
| 12 | Three-Gene Molecular Diagnostic Model for Thyroid Cancer. <i>Thyroid</i> , 2012, 22, 275-284.   | 4.5  | 37        |
| 13 | Human telomerase reverse transcriptase regulation by DNA methylation, transcription factor binding and alternative splicing (Review). <i>International Journal of Oncology</i> , 2016, 49, 2199-2205.   | 3.3  | 34        |
| 14 | Telomerase Reverse Transcriptase (TERT) Regulation in Thyroid Cancer: A Review. <i>Frontiers in Endocrinology</i> , 2020, 11, 485.  | 3.5  | 33        |
| 15 | Human Telomerase Reverse Transcriptase Gene Expression and the Surgical Management of Suspicious Thyroid Tumors. <i>Clinical Cancer Research</i> , 2004, 10, 5762-5768.   | 7.0  | 32        |
| 16 | Young age at diagnosis is associated with worse prognosis in the Luminal A breast cancer subtype: a retrospective institutional cohort study. <i>Breast Cancer Research and Treatment</i> , 2018, 172, 689-702.   | 2.5  | 32        |
| 17 | <i>TERT</i> promoter mutation determines apoptotic and therapeutic responses of <i>BRAF</i> -mutant cancers to BRAF and MEK inhibitors: Achilles Heel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15846-15851. | 7.1  | 31        |
| 18 | Thyroid Nodule Diagnostic Markers in the Face of the New NIFTP Category: Time for a Reset?. <i>Thyroid</i> , 2017, 27, 1393-1399.   | 4.5  | 25        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | DNA Methylation Markers for Breast Cancer Detection in the Developing World. <i>Clinical Cancer Research</i> , 2019, 25, 6357-6367.  | 7.0 | 21        |
| 20 | Characterization of human telomerase reverse transcriptase promoter methylation and transcription factor binding in differentiated thyroid cancer cell lines. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 530-540. | 2.8 | 21        |
| 21 | Do Breast Cancer Cell Lines Provide a Relevant Model of the Patient Tumor Methylome?. <i>PLoS ONE</i> , 2014, 9, e105545.  | 2.5 | 20        |
| 22 | Identification of novel biomarker and therapeutic target candidates for diagnosis and treatment of follicular carcinoma. <i>Journal of Proteomics</i> , 2017, 166, 59-67.  | 2.4 | 20        |
| 23 | Telomere Length Is Related to Alternative Splice Patterns of Telomerase in Thyroid Tumors. <i>American Journal of Pathology</i> , 2011, 179, 1415-1424.  | 3.8 | 19        |
| 24 | Clinico-pathologic features, treatment and outcomes of breast cancer during pregnancy or the post-partum period. <i>Breast Cancer Research and Treatment</i> , 2020, 180, 695-706.                                     | 2.5 | 19        |
| 25 | Breast Cancer Risk in Postmenopausal Women with Medical History of Thyroid Disorder in the Women's Health Initiative. <i>Thyroid</i> , 2020, 30, 519-530.  | 4.5 | 19        |
| 26 | Integrated Multiparametric Radiomics and Informatics System for Characterizing Breast Tumor Characteristics with the OncotypeDX Gene Assay. <i>Cancers</i> , 2020, 12, 2772.   | 3.7 | 18        |
| 27 | DNA methylation markers predict recurrence-free interval in triple-negative breast cancer. <i>Npj Breast Cancer</i> , 2020, 6, 3.  | 5.2 | 15        |
| 28 | Characterization of <scp>TERT</scp> and <scp>BRAF</scp> copy number variation in papillary thyroid carcinoma: An analysis of the cancer genome atlas study. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 403-409.   | 2.8 | 15        |
| 29 | Characterization of Allele-Specific Regulation of Telomerase Reverse Transcriptase in Promoter Mutant Thyroid Cancer Cell Lines. <i>Thyroid</i> , 2020, 30, 1470-1481.   | 4.5 | 14        |
| 30 | Measuring DNA Copy Number Variation Using High-Density Methylation Microarrays. <i>Journal of Computational Biology</i> , 2019, 26, 295-304.   | 1.6 | 12        |
| 31 | Methylated markers accurately distinguish primary central nervous system lymphomas (PCNSL) from other CNS tumors. <i>Clinical Epigenetics</i> , 2021, 13, 104.   | 4.1 | 10        |
| 32 | Lower Vitamin D Levels in Surgical Hyperparathyroidism versus Thyroid Patients. <i>American Surgeon</i> , 2014, 80, 505-510.   | 0.8 | 6         |
| 33 | Morphologically compatible mass spectrometric analysis of lipids in cytological specimens. <i>Journal of the American Society of Cytopathology</i> , 2016, 5, 3-8.   | 0.5 | 6         |
| 34 | Exploring the epigenetic regulation of telomerase reverse transcriptase (TERT) in human cancer cell lines. <i>Molecular Oncology</i> , 2020, 14, 2355-2357.  | 4.6 | 5         |
| 35 | Development of an Automated Liquid Biopsy Assay for Methylated Markers in Advanced Breast Cancer. <i>Cancer Research Communications</i> , 2022, 2, 391-401.  | 1.7 | 5         |
| 36 | Retrospective analysis of cancer-specific gene expression panel for thyroid fine needle aspiration specimens. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2983-2991.                          | 2.5 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | An estimation model for Oncotype DX recurrence score using routine histopathologic variables..<br>Journal of Clinical Oncology, 2014, 32, 559-559. | 1.6 | 1         |