

Charlotte K Y Ng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5315203/charlotte-k-y-ng-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

7,054
citations

47
h-index

81
g-index

183
ext. papers

8,851
ext. citations

9.2
avg, IF

5.46
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 138 | Circulating Cell-Free DNA Captures the Intratumor Heterogeneity in Multinodular Hepatocellular Carcinoma.. <i>JCO Precision Oncology</i> , 2022 , 6, e2100335 | 3.6 | 1 |
| 137 | GATA3 and MDM2 are synthetic lethal in estrogen receptor-positive breast cancers.. <i>Communications Biology</i> , 2022 , 5, 373 | 6.7 | 0 |
| 136 | Alterations in homologous recombination repair genes in prostate cancer brain metastases.. <i>Nature Communications</i> , 2022 , 13, 2400 | 17.4 | 3 |
| 135 | Integrative proteogenomic characterization of hepatocellular carcinoma across etiologies and stages.. <i>Nature Communications</i> , 2022 , 13, 2436 | 17.4 | 1 |
| 134 | PipeIT2: Somatic Variant Calling Workflow for Ion Torrent Sequencing Data. <i>Methods in Molecular Biology</i> , 2022 , 195-204 | 1.4 | |
| 133 | The Genomic Landscape of Serrated Lesion of the Colorectum: Similarities and Differences With Tubular and Tubulovillous Adenomas. <i>Frontiers in Oncology</i> , 2021 , 11, 668466 | 5.3 | 0 |
| 132 | Nestin and CD34 expression in colorectal cancer predicts improved overall survival. <i>Acta Oncologica</i> , 2021 , 60, 727-734 | 3.2 | 2 |
| 131 | The Tumor Profiler Study: integrated, multi-omic, functional tumor profiling for clinical decision support. <i>Cancer Cell</i> , 2021 , 39, 288-293 | 24.3 | 21 |
| 130 | Genomic evolutionary trajectory of metastatic squamous cell carcinoma of the lung. <i>Translational Lung Cancer Research</i> , 2021 , 10, 1792-1803 | 4.4 | 0 |
| 129 | Systematic identification of novel cancer genes through analysis of deep shRNA perturbation screens. <i>Nucleic Acids Research</i> , 2021 , 49, 8488-8504 | 20.1 | 0 |
| 128 | Adenylosuccinate lyase is oncogenic in colorectal cancer by causing mitochondrial dysfunction and independent activation of NRF2 and mTOR-MYC-axis. <i>Theranostics</i> , 2021 , 11, 4011-4029 | 12.1 | 7 |
| 127 | Transcriptional Enhancer Factor Domain Family member 4 Exerts an Oncogenic Role in Hepatocellular Carcinoma by Hippo-Independent Regulation of Heat Shock Protein 70 Family Members. <i>Hepatology Communications</i> , 2021 , 5, 661-674 | 6 | 3 |
| 126 | Patient-derived xenografts and organoids model therapy response in prostate cancer. <i>Nature Communications</i> , 2021 , 12, 1117 | 17.4 | 18 |
| 125 | Multi-omics data integration reveals novel drug targets in hepatocellular carcinoma. <i>BMC Genomics</i> , 2021 , 22, 592 | 4.5 | 1 |
| 124 | Interferon lambda 4 impairs hepatitis C viral antigen presentation and attenuates T cell responses. <i>Nature Communications</i> , 2021 , 12, 4882 | 17.4 | 2 |
| 123 | Establishing standardized immune phenotyping of metastatic melanoma by digital pathology. <i>Laboratory Investigation</i> , 2021 , 101, 1561-1570 | 5.9 | 0 |
| 122 | Discovery of heterozygous KRT10 alterations in MAUIE cases underlines the importance of regular skin cancer screening in ichthyosis with confetti. <i>British Journal of Dermatology</i> , 2020 , 183, 954-955 | 4 | |

| | | | |
|-----|--|------|-----|
| 121 | Neoantigen prediction and computational perspectives towards clinical benefit: recommendations from the ESMO Precision Medicine Working Group. <i>Annals of Oncology</i> , 2020 , 31, 978-990 | 10.3 | 29 |
| 120 | High Expression of FAP in Colorectal Cancer Is Associated With Angiogenesis and Immunoregulation Processes. <i>Frontiers in Oncology</i> , 2020 , 10, 979 | 5.3 | 17 |
| 119 | Identification of Somatic Mutations in Thirty-year-old Serum Cell-free DNA From Patients With Breast Cancer: A Feasibility Study. <i>Clinical Breast Cancer</i> , 2020 , 20, 413-421.e1 | 3 | 1 |
| 118 | SCIM: universal single-cell matching with unpaired feature sets. <i>Bioinformatics</i> , 2020 , 36, i919-i927 | 7.2 | 8 |
| 117 | Cell-free DNA in hepatocellular carcinoma 2020 , 199-209 | | 0 |
| 116 | Infiltration by IL22-Producing T Cells Promotes Neutrophil Recruitment and Predicts Favorable Clinical Outcome in Human Colorectal Cancer. <i>Cancer Immunology Research</i> , 2020 , 8, 1452-1462 | 12.5 | 3 |
| 115 | Stroma Transcriptomic and Proteomic Profile of Prostate Cancer Metastasis Xenograft Models Reveals Prognostic Value of Stroma Signatures. <i>Cancers</i> , 2020 , 12, | 6.6 | 4 |
| 114 | Expression of RET is associated with Oestrogen receptor expression but lacks prognostic significance in breast cancer. <i>BMC Cancer</i> , 2019 , 19, 41 | 4.8 | 8 |
| 113 | Genomic characterization of metastatic breast cancers. <i>Nature</i> , 2019 , 569, 560-564 | 50.4 | 256 |
| 112 | The repertoire of genetic alterations in salivary duct carcinoma including a novel HNRNP3-ALK rearrangement. <i>Human Pathology</i> , 2019 , 88, 66-77 | 3.7 | 21 |
| 111 | Genetic Alterations in Benign Breast Biopsies of Subsequent Breast Cancer Patients. <i>Frontiers in Medicine</i> , 2019 , 6, 166 | 4.9 | 5 |
| 110 | Hepatocellular Carcinoma Xenografts Established From Needle Biopsies Preserve the Characteristics of the Originating Tumors. <i>Hepatology Communications</i> , 2019 , 3, 971-986 | 6 | 15 |
| 109 | Infiltration by myeloperoxidase-positive neutrophils is an independent prognostic factor in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019 , 177, 581-589 | 4.4 | 22 |
| 108 | PipeIT: A Singularity Container for Molecular Diagnostic Somatic Variant Calling on the Ion Torrent Next-Generation Sequencing Platform. <i>Journal of Molecular Diagnostics</i> , 2019 , 21, 884-894 | 5.1 | 5 |
| 107 | Nectin-4 Expression Is an Independent Prognostic Biomarker and Associated With Better Survival in Triple-Negative Breast Cancer. <i>Frontiers in Medicine</i> , 2019 , 6, 200 | 4.9 | 7 |
| 106 | Therapeutic Targeting of CD146/MCAM Reduces Bone Metastasis in Prostate Cancer. <i>Molecular Cancer Research</i> , 2019 , 17, 1049-1062 | 6.6 | 12 |
| 105 | Radiogenomics Analysis of Intratumor Heterogeneity in a Patient With High-Grade Serous Ovarian Cancer. <i>JCO Precision Oncology</i> , 2019 , 3, | 3.6 | 7 |
| 104 | Preoperative plasma fatty acid metabolites inform risk of prostate cancer progression and may be used for personalized patient stratification. <i>BMC Cancer</i> , 2019 , 19, 1216 | 4.8 | 8 |

| | | | |
|-----|---|------|-----|
| 103 | LATS1 but not LATS2 represses autophagy by a kinase-independent scaffold function. <i>Nature Communications</i> , 2019 , 10, 5755 | 17.4 | 22 |
| 102 | Lobular Carcinomas Display Intralesion Genetic Heterogeneity and Clonal Evolution in the Progression to Invasive Lobular Carcinoma. <i>Clinical Cancer Research</i> , 2019 , 25, 674-686 | 12.9 | 31 |
| 101 | Fibroepithelial Breast Lesion: When Sequencing Can Help to Make a Clinical Decision. A Case Report. <i>Clinical Breast Cancer</i> , 2019 , 19, e1-e6 | 3 | 1 |
| 100 | The Genomic Landscape of Mucinous Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 737-741 | 9.7 | 41 |
| 99 | High-throughput sequencing of nodal marginal zone lymphomas identifies recurrent BRAF mutations. <i>Leukemia</i> , 2018 , 32, 2412-2426 | 10.7 | 29 |
| 98 | Genetic profiling using plasma-derived cell-free DNA in therapy-naïve hepatocellular carcinoma patients: a pilot study. <i>Annals of Oncology</i> , 2018 , 29, 1286-1291 | 10.3 | 49 |
| 97 | Mutation Profiling of Key Cancer Genes in Primary Breast Cancers and Their Distant Metastases. <i>Cancer Research</i> , 2018 , 78, 3112-3121 | 10.1 | 37 |
| 96 | NGS-pipe: a flexible, easily extendable and highly configurable framework for NGS analysis. <i>Bioinformatics</i> , 2018 , 34, 107-108 | 7.2 | 11 |
| 95 | The protein histidine phosphatase LHPP is a tumour suppressor. <i>Nature</i> , 2018 , 555, 678-682 | 50.4 | 96 |
| 94 | High expression of HOXA13 correlates with poorly differentiated hepatocellular carcinomas and modulates sorafenib response in in vitro models. <i>Laboratory Investigation</i> , 2018 , 98, 95-105 | 5.9 | 30 |
| 93 | Contralateral breast cancers: Independent cancers or metastases?. <i>International Journal of Cancer</i> , 2018 , 142, 347-356 | 7.5 | 23 |
| 92 | Comprehensive clinical and molecular analyses of neuroendocrine carcinomas of the breast. <i>Modern Pathology</i> , 2018 , 31, 68-82 | 9.8 | 32 |
| 91 | Organoid Models of Human Liver Cancers Derived from Tumor Needle Biopsies. <i>Cell Reports</i> , 2018 , 24, 1363-1376 | 10.6 | 166 |
| 90 | Genomic Analysis Revealed New Oncogenic Signatures in -Mutant Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2018 , 9, 2 | 4.5 | 21 |
| 89 | Circulating Cell-Free DNA in Hepatocellular Carcinoma: Current Insights and Outlook. <i>Frontiers in Medicine</i> , 2018 , 5, 78 | 4.9 | 31 |
| 88 | Cancer Diagnosis Using a Liquid Biopsy: Challenges and Expectations. <i>Diagnostics</i> , 2018 , 8, | 3.8 | 69 |
| 87 | The Role of Long Non-Coding RNAs in Hepatocarcinogenesis. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 49 |
| 86 | Recurrent hotspot mutations in HRAS Q61 and PI3K-AKT pathway genes as drivers of breast adenomyoepitheliomas. <i>Nature Communications</i> , 2018 , 9, 1816 | 17.4 | 82 |

| | | | |
|----|--|------|-----|
| 85 | Diagnostic Targeted Sequencing Panel for Hepatocellular Carcinoma Genomic Screening. <i>Journal of Molecular Diagnostics</i> , 2018 , 20, 836-848 | 5.1 | 9 |
| 84 | Hepatocellular Carcinoma: Pathology and Genetics 2018 , 198-198 | | 0 |
| 83 | A framework to rank genomic alterations as targets for cancer precision medicine: the ESMO Scale for Clinical Actionability of molecular Targets (ESCAT). <i>Annals of Oncology</i> , 2018 , 29, 1895-1902 | 10.3 | 181 |
| 82 | MYBL1 rearrangements and MYB amplification in breast adenoid cystic carcinomas lacking the MYB-NFIB fusion gene. <i>Journal of Pathology</i> , 2018 , 244, 143-150 | 9.4 | 46 |
| 81 | Reliability of Whole-Exome Sequencing for Assessing Intratumor Genetic Heterogeneity. <i>Cell Reports</i> , 2018 , 25, 1446-1457 | 10.6 | 55 |
| 80 | Genetic heterogeneity and actionable mutations in HER2-positive primary breast cancers and their brain metastases. <i>Oncotarget</i> , 2018 , 9, 20617-20630 | 3.3 | 26 |
| 79 | The Dilemma of HER2 Double-equivocal Breast Carcinomas: Genomic Profiling and Implications for Treatment. <i>American Journal of Surgical Pathology</i> , 2018 , 42, 1190-1200 | 6.7 | 10 |
| 78 | Genetic analysis of uterine adenocarcinomas and phyllodes tumors of the breast. <i>Molecular Oncology</i> , 2017 , 11, 913-926 | 7.9 | 6 |
| 77 | Whole-genome single-cell copy number profiling from formalin-fixed paraffin-embedded samples. <i>Nature Medicine</i> , 2017 , 23, 376-385 | 50.5 | 82 |
| 76 | The Landscape of Somatic Genetic Alterations in Metaplastic Breast Carcinomas. <i>Clinical Cancer Research</i> , 2017 , 23, 3859-3870 | 12.9 | 92 |
| 75 | HER2 Reactivation through Acquisition of the HER2 L755S Mutation as a Mechanism of Acquired Resistance to HER2-targeted Therapy in HER2 Breast Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 5123-5134 | 12.9 | 64 |
| 74 | Genetic Heterogeneity in Therapy-Naïve Synchronous Primary Breast Cancers and Their Metastases. <i>Clinical Cancer Research</i> , 2017 , 23, 4402-4415 | 12.9 | 69 |
| 73 | Bi-allelic alterations in DNA repair genes underpin homologous recombination DNA repair defects in breast cancer. <i>Journal of Pathology</i> , 2017 , 242, 165-177 | 9.4 | 35 |
| 72 | The genetic landscape of breast carcinomas with neuroendocrine differentiation. <i>Journal of Pathology</i> , 2017 , 241, 405-419 | 9.4 | 35 |
| 71 | Phyllodes tumors with and without fibroadenoma-like areas display distinct genomic features and may evolve through distinct pathways. <i>Npj Breast Cancer</i> , 2017 , 3, 40 | 7.8 | 33 |
| 70 | Vascular endothelial growth factor A amplification in colorectal cancer is associated with reduced M1 and M2 macrophages and diminished PD-1-expressing lymphocytes. <i>PLoS ONE</i> , 2017 , 12, e0175563 | 3.7 | 12 |
| 69 | Phosphoprotein enriched in diabetes (PED/PEA15) promotes migration in hepatocellular carcinoma and confers resistance to sorafenib. <i>Cell Death and Disease</i> , 2017 , 8, e3138 | 9.8 | 17 |
| 68 | Pregnancy at early age is associated with a reduction of progesterone-responsive cells and epithelial Wnt signaling in human breast tissue. <i>Oncotarget</i> , 2017 , 8, 22353-22360 | 3.3 | 6 |

| | | | |
|----|--|------|-----|
| 67 | Diverse and Reversion Mutations in Circulating Cell-Free DNA of Therapy-Resistant Breast or Ovarian Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 6708-6720 | 12.9 | 132 |
| 66 | Genomic and transcriptomic heterogeneity in metaplastic carcinomas of the breast. <i>Npj Breast Cancer</i> , 2017 , 3, 48 | 7.8 | 38 |
| 65 | Leiomyoma with bizarre nuclei: a morphological, immunohistochemical and molecular analysis of 31 cases. <i>Modern Pathology</i> , 2017 , 30, 1476-1488 | 9.8 | 31 |
| 64 | Genetic analysis of microglandular adenosis and acinic cell carcinomas of the breast provides evidence for the existence of a low-grade triple-negative breast neoplasia family. <i>Modern Pathology</i> , 2017 , 30, 69-84 | 9.8 | 34 |
| 63 | Mechanism of action of a WWTR1(TAZ)-CAMTA1 fusion oncoprotein. <i>Oncogene</i> , 2016 , 35, 929-38 | 9.2 | 63 |
| 62 | RNASeq analysis reveals biological processes governing the clinical behaviour of endometrioid and serous endometrial cancers. <i>European Journal of Cancer</i> , 2016 , 64, 149-58 | 7.5 | 4 |
| 61 | HMGA1 Expression in Human Hepatocellular Carcinoma Correlates with Poor Prognosis and Promotes Tumor Growth and Migration in in vitro Models. <i>Neoplasia</i> , 2016 , 18, 724-731 | 6.4 | 25 |
| 60 | Proteasome Addiction Defined in Ewing Sarcoma Is Effectively Targeted by a Novel Class of 19S Proteasome Inhibitors. <i>Cancer Research</i> , 2016 , 76, 4525-34 | 10.1 | 31 |
| 59 | Uterine adenosarcomas are mesenchymal neoplasms. <i>Journal of Pathology</i> , 2016 , 238, 381-8 | 9.4 | 70 |
| 58 | TP53 Mutational Spectrum in Endometrioid and Serous Endometrial Cancers. <i>International Journal of Gynecological Pathology</i> , 2016 , 35, 289-300 | 3.2 | 51 |
| 57 | Targeted capture massively parallel sequencing analysis of LCIS and invasive lobular cancer: Repertoire of somatic genetic alterations and clonal relationships. <i>Molecular Oncology</i> , 2016 , 10, 360-70 | 7.9 | 36 |
| 56 | The Genomic Landscape of Male Breast Cancers. <i>Clinical Cancer Research</i> , 2016 , 22, 4045-56 | 12.9 | 85 |
| 55 | Massively Parallel Sequencing-Based Clonality Analysis of Synchronous Endometrioid Endometrial and Ovarian Carcinomas. <i>Journal of the National Cancer Institute</i> , 2016 , 108, djv427 | 9.7 | 111 |
| 54 | Abstract S4-03: A functional assay for homologous recombination (HR) DNA repair and whole exome sequencing reveal that HR-defective sporadic breast cancers are enriched for genetic alterations in DNA repair genes 2016 , | | 3 |
| 53 | DNA Copy Number Aberrations, and Human Papillomavirus Status in Penile Carcinoma. Clinico-Pathological Correlations and Potential Driver Genes. <i>PLoS ONE</i> , 2016 , 11, e0146740 | 3.7 | 17 |
| 52 | Lack of PRKD2 and PRKD3 kinase domain somatic mutations in PRKD1 wild-type classic polymorphous low-grade adenocarcinomas of the salivary gland. <i>Histopathology</i> , 2016 , 68, 1055-62 | 7.3 | 21 |
| 51 | Infiltrating epitheliosis of the breast: characterization of histological features, immunophenotype and genomic profile. <i>Histopathology</i> , 2016 , 68, 1030-9 | 7.3 | 21 |
| 50 | Massively parallel sequencing of phyllodes tumours of the breast reveals actionable mutations, and TERT promoter hotspot mutations and TERT gene amplification as likely drivers of progression. <i>Journal of Pathology</i> , 2016 , 238, 508-18 | 9.4 | 80 |

| | | | |
|----|--|------|-----|
| 49 | Microglandular adenosis associated with triple-negative breast cancer is a neoplastic lesion of triple-negative phenotype harbouring TP53 somatic mutations. <i>Journal of Pathology</i> , 2016 , 238, 677-88 | 9.4 | 42 |
| 48 | Resolving quandaries: basaloid adenoid cystic carcinoma or breast cylindroma? The role of massively parallel sequencing. <i>Histopathology</i> , 2016 , 68, 262-71 | 7.3 | 16 |
| 47 | Massively parallel sequencing analysis of synchronous fibroepithelial lesions supports the concept of progression from fibroadenoma to phyllodes tumor. <i>Npj Breast Cancer</i> , 2016 , 2, 16035 | 7.8 | 23 |
| 46 | IDH2 Mutations Define a Unique Subtype of Breast Cancer with Altered Nuclear Polarity. <i>Cancer Research</i> , 2016 , 76, 7118-7129 | 10.1 | 70 |
| 45 | Genetic alterations of triple negative breast cancer by targeted next-generation sequencing and correlation with tumor morphology. <i>Modern Pathology</i> , 2016 , 29, 476-88 | 9.8 | 67 |
| 44 | Genetic events in the progression of adenoid cystic carcinoma of the breast to high-grade triple-negative breast cancer. <i>Modern Pathology</i> , 2016 , 29, 1292-1305 | 9.8 | 52 |
| 43 | A tumor DNA complex aberration index is an independent predictor of survival in breast and ovarian cancer. <i>Molecular Oncology</i> , 2015 , 9, 115-27 | 7.9 | 35 |
| 42 | Breast cancer genomics from microarrays to massively parallel sequencing: paradigms and new insights. <i>Journal of the National Cancer Institute</i> , 2015 , 107, | 9.7 | 72 |
| 41 | PIKING the type and pattern of PI3K pathway mutations in endometrioid endometrial carcinomas. <i>Gynecologic Oncology</i> , 2015 , 137, 321-8 | 4.9 | 14 |
| 40 | Spatial and temporal heterogeneity in high-grade serous ovarian cancer: a phylogenetic analysis. <i>PLoS Medicine</i> , 2015 , 12, e1001789 | 11.6 | 230 |
| 39 | Response to dual HER2 blockade in a patient with HER3-mutant metastatic breast cancer. <i>Annals of Oncology</i> , 2015 , 26, 1704-9 | 10.3 | 16 |
| 38 | Genomic landscape of adenoid cystic carcinoma of the breast. <i>Journal of Pathology</i> , 2015 , 237, 179-89 | 9.4 | 101 |
| 37 | Intra-tumor genetic heterogeneity and alternative driver genetic alterations in breast cancers with heterogeneous HER2 gene amplification. <i>Genome Biology</i> , 2015 , 16, 107 | 18.3 | 83 |
| 36 | Mutation tracking in circulating tumor DNA predicts relapse in early breast cancer. <i>Science Translational Medicine</i> , 2015 , 7, 302ra133 | 17.5 | 679 |
| 35 | Metaplastic breast carcinomas display genomic and transcriptomic heterogeneity [corrected].. <i>Modern Pathology</i> , 2015 , 28, 340-51 | 9.8 | 56 |
| 34 | SF3B1 mutations constitute a novel therapeutic target in breast cancer. <i>Journal of Pathology</i> , 2015 , 235, 571-80 | 9.4 | 124 |
| 33 | The repertoire of somatic genetic alterations of acinic cell carcinomas of the breast: an exploratory, hypothesis-generating study. <i>Journal of Pathology</i> , 2015 , 237, 166-78 | 9.4 | 42 |
| 32 | Are acinic cell carcinomas of the breast and salivary glands distinct diseases?. <i>Histopathology</i> , 2015 , 67, 529-37 | 7.3 | 25 |

| | | | |
|----|---|------|-----|
| 31 | Cerebrospinal fluid-derived circulating tumour DNA better represents the genomic alterations of brain tumours than plasma. <i>Nature Communications</i> , 2015 , 6, 8839 | 17.4 | 416 |
| 30 | Gene expression profiling of lobular carcinoma in situ reveals candidate precursor genes for invasion. <i>Molecular Oncology</i> , 2015 , 9, 772-82 | 7.9 | 29 |
| 29 | High-resolution genomic profiling of thyroid lesions uncovers preferential copy number gains affecting mitochondrial biogenesis loci in the oncogenic variants. <i>American Journal of Cancer Research</i> , 2015 , 5, 1954-71 | 4.4 | 6 |
| 28 | Characterization of the genomic features and expressed fusion genes in micropapillary carcinomas of the breast. <i>Journal of Pathology</i> , 2014 , 232, 553-65 | 9.4 | 75 |
| 27 | Metaplastic breast carcinoma: more than a special type. <i>Nature Reviews Cancer</i> , 2014 , 14, 147-8 | 31.3 | 49 |
| 26 | Breast cancer intra-tumor heterogeneity. <i>Breast Cancer Research</i> , 2014 , 16, 210 | 8.3 | 188 |
| 25 | Hotspot activating PRKD1 somatic mutations in polymorphous low-grade adenocarcinomas of the salivary glands. <i>Nature Genetics</i> , 2014 , 46, 1166-9 | 36.3 | 150 |
| 24 | Capturing intra-tumor genetic heterogeneity by de novo mutation profiling of circulating cell-free tumor DNA: a proof-of-principle. <i>Annals of Oncology</i> , 2014 , 25, 1729-1735 | 10.3 | 258 |
| 23 | Integrative genomic and transcriptomic characterization of papillary carcinomas of the breast. <i>Molecular Oncology</i> , 2014 , 8, 1588-602 | 7.9 | 38 |
| 22 | Establishing the origin of metastatic deposits in the setting of multiple primary malignancies: the role of massively parallel sequencing. <i>Molecular Oncology</i> , 2014 , 8, 150-8 | 7.9 | 34 |
| 21 | PI3K pathway activation in high-grade ductal carcinoma in situ—implications for progression to invasive breast carcinoma. <i>Clinical Cancer Research</i> , 2014 , 20, 2326-37 | 12.9 | 37 |
| 20 | A recurrent neomorphic mutation in MYO1B defines a clinically aggressive subset of embryonal rhabdomyosarcoma associated with PI3K-AKT pathway mutations. <i>Nature Genetics</i> , 2014 , 46, 595-600 | 36.3 | 107 |
| 19 | Predictive performance of microarray gene signatures: impact of tumor heterogeneity and multiple mechanisms of drug resistance. <i>Cancer Research</i> , 2014 , 74, 2946-2961 | 10.1 | 14 |
| 18 | Benchmarking mutation effect prediction algorithms using functionally validated cancer-related missense mutations. <i>Genome Biology</i> , 2014 , 15, 484 | 18.3 | 95 |
| 17 | Abstract 927: Targeted capture next generation sequencing of fresh frozen lobular carcinoma in situ and invasive lobular cancer identifies a common repertoire of mutations 2014 , | | 2 |
| 16 | Genomic profiling of histological special types of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2013 , 142, 257-69 | 4.4 | 55 |
| 15 | Progression from ductal carcinoma in situ to invasive breast cancer: revisited. <i>Molecular Oncology</i> , 2013 , 7, 859-69 | 7.9 | 146 |
| 14 | Combining two antibodies to define E-cadherin loss of expression in non-lobular breast carcinomas: when less is more. <i>Histopathology</i> , 2013 , 63, 439-40 | 7.3 | 1 |

| | | | |
|----|--|------|-----|
| 13 | Prognostic signatures in breast cancer: correlation does not imply causation. <i>Breast Cancer Research</i> , 2012 , 14, 313 | 8.3 | 4 |
| 12 | Structural analysis of the genome of breast cancer cell line ZR-75-30 identifies twelve expressed fusion genes. <i>BMC Genomics</i> , 2012 , 13, 719 | 4.5 | 28 |
| 11 | Breast cancer intratumor genetic heterogeneity: causes and implications. <i>Expert Review of Anticancer Therapy</i> , 2012 , 12, 1021-32 | 3.5 | 57 |
| 10 | The role of tandem duplicator phenotype in tumour evolution in high-grade serous ovarian cancer. <i>Journal of Pathology</i> , 2012 , 226, 703-12 | 9.4 | 48 |
| 9 | Tandem duplication of chromosomal segments is common in ovarian and breast cancer genomes. <i>Journal of Pathology</i> , 2012 , 227, 446-55 | 9.4 | 72 |
| 8 | Intra-tumour genetic heterogeneity and poor chemoradiotherapy response in cervical cancer. <i>British Journal of Cancer</i> , 2011 , 104, 361-8 | 8.7 | 58 |
| 7 | Genomic analysis of genetic heterogeneity and evolution in high-grade serous ovarian carcinoma. <i>Oncogene</i> , 2010 , 29, 4905-13 | 9.2 | 122 |
| 6 | Loss of osteoclasts contributes to development of osteosarcoma pulmonary metastases. <i>Cancer Research</i> , 2010 , 70, 7063-72 | 10.1 | 56 |
| 5 | Chromosomal instability determines taxane response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8671-6 | 11.5 | 192 |
| 4 | Reliability of Whole-Exome Sequencing for Assessing Intratumor Genetic Heterogeneity. <i>SSRN Electronic Journal</i> , | 1 | 2 |
| 3 | Patient-derived xenografts and organoids model therapy response in prostate cancer | | 1 |
| 2 | The Genomic Landscape of Prostate Cancer Brain Metastases | | 2 |
| 1 | Discovery of synthetic lethal interactions from large-scale pan-cancer perturbation screens | | 2 |