

# Michael Hummel

## List of Publications by Year in descending order

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Version: 2024-02-01

276  
papers

20,905  
citations

10389

72  
h-index

12597

132  
g-index

289  
all docs

289  
docs citations

289  
times ranked

25229  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Mucosal melanomas of different anatomic sites share a common global DNA methylation profile with cutaneous melanoma but show location-dependent patterns of genetic and epigenetic alterations. <i>Journal of Pathology</i> , 2022, 256, 61-70.   | 4.5  | 12        |
| 2  | Cerebral Abnormalities in Spina Bifida: A Neuropathological Study. <i>Pediatric and Developmental Pathology</i> , 2022, 25, 107-123.  | 1.0  | 3         |
| 3  | S100A4 Is a Strong Negative Prognostic Marker and Potential Therapeutic Target in Adenocarcinoma of the Stomach and Esophagus. <i>Cells</i> , 2022, 11, 1056.   | 4.1  | 4         |
| 4  | Protein kinase C targeting of luminal (T-47D), luminal/HER2-positive (BT474), and triple negative (HCC1806) breast cancer cells in-vitro with AEB071 (Sotrastaurin) is efficient but mediated by subtype specific molecular effects. <i>Archives of Gynecology and Obstetrics</i> , 2022, 306, 1197-1210. | 1.7  | 4         |
| 5  | Inhibition of MACC1-Induced Metastasis in Esophageal and Gastric Adenocarcinomas. <i>Cancers</i> , 2022, 14, 1773.  | 3.7  | 4         |
| 6  | Response prediction in patients with gastric and esophagogastric adenocarcinoma under neoadjuvant chemotherapy using targeted gene expression analysis and next-generation sequencing in pre-therapeutic biopsies. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, , 1.                   | 2.5  | 2         |
| 7  | Reconstitution of EBV-directed T cell immunity by adoptive transfer of peptide-stimulated T cells in a patient after allogeneic stem cell transplantation for AITL. <i>PLoS Pathogens</i> , 2022, 18, e1010206.   | 4.7  | 5         |
| 8  | The genomic and transcriptional landscape of primary central nervous system lymphoma. <i>Nature Communications</i> , 2022, 13, 2558.  | 12.8 | 52        |
| 9  | TFE3 activation in a TSC1-altered malignant PEComa: challenging the dichotomy of the underlying pathogenic mechanisms. <i>Journal of Pathology: Clinical Research</i> , 2021, 7, 3-9.   | 3.0  | 14        |
| 10 | Towards a unification of treatments and interventions for tinnitus patients: The EU research and innovation action UNITI. <i>Progress in Brain Research</i> , 2021, 260, 441-451.   | 1.4  | 31        |
| 11 | KRASG12C/TP53 co-mutations identify long-term responders to first line palliative treatment with pembrolizumab monotherapy in PD-L1 high (~50%) lung adenocarcinoma. <i>Translational Lung Cancer Research</i> , 2021, 10, 737-752.   | 2.8  | 28        |
| 12 | Classification of Molecular Subtypes of High-Grade Serous Ovarian Cancer by MALDI-Imaging. <i>Cancers</i> , 2021, 13, 1512.   | 3.7  | 14        |
| 13 | Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021, 49, 703-714.  | 4.7  | 27        |
| 14 | Stakeholder engagement to ensure the sustainability of biobanks: a survey of potential users of biobank services. <i>European Journal of Human Genetics</i> , 2021, , .   | 2.8  | 8         |
| 15 | Mutational mechanisms shaping the coding and noncoding genome of germinal center derived B-cell lymphomas. <i>Leukemia</i> , 2021, 35, 2002-2016.   | 7.2  | 34        |
| 16 | Impact of dexamethasone on SARS-CoV-2 concentration kinetics and antibody response in hospitalized COVID-19 patients: results from a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1520.e7-1520.e10.  | 6.0  | 13        |
| 17 | Status quo of ALK testing in lung cancer: results of an EQA scheme based on in-situ hybridization, immunohistochemistry, and RNA/DNA sequencing. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 479, 247-255.  | 2.8  | 5         |
| 18 | BRAF testing in metastatic colorectal carcinoma and novel, chemotherapy-free therapeutic options. <i>Der Pathologe</i> , 2021, 42, 98-109.  | 1.6  | 5         |

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|----|--|------|-----------|
| 19 | Validation of a Targeted Next-Generation Sequencing Panel for Tumor Mutation Burden Analysis. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 882-893.   | 2.8  | 2         |
| 20 | A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021, 12, 780-794.e7.  | 6.2  | 125       |
| 21 | Early IFN- $\gamma$ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.   | 14.3 | 145       |
| 22 | The journey to establishing an IT-infrastructure within the German Biobank Alliance. <i>PLoS ONE</i> , 2021, 16, e0257632.   | 2.5  | 9         |
| 23 | Next-Generation Sequencing-Based Clonality Assessment of Ig Gene Rearrangements. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1105-1115.  | 2.8  | 25        |
| 24 | Aberrant Expression of and Cell Death Induction by Engagement of the MHC-II Chaperone CD74 in Anaplastic Large Cell Lymphoma (ALCL). <i>Cancers</i> , 2021, 13, 5012.  | 3.7  | 1         |
| 25 | Unification of Treatments and Interventions for Tinnitus Patients (UNITI): a study protocol for a multi-center randomized clinical trial. <i>Trials</i> , 2021, 22, 875.   | 1.6  | 12        |
| 26 | Testing <i>NTRK</i> testing: Wet-lab and in silico comparison of RNA-based targeted sequencing assays. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 178-188.  | 2.8  | 52        |
| 27 | Evaluating the German Biobank Node as Coordinating Institution of the German Biobank Alliance: Engaging with Stakeholders via Survey Research. <i>Biopreservation and Biobanking</i> , 2020, 18, 64-72.  | 1.0  | 11        |
| 28 | H3K9me3-mediated epigenetic regulation of senescence in mice predicts outcome of lymphoma patients. <i>Nature Communications</i> , 2020, 11, 3651.   | 12.8 | 15        |
| 29 | Immunoprofiling in Neuroendocrine Neoplasms Unveil Immunosuppressive Microenvironment. <i>Cancers</i> , 2020, 12, 3448.  | 3.7  | 12        |
| 30 | Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.  | 28.9 | 1,162     |
| 31 | Synthetic Notch-Receptor-Mediated Transmission of a Transient Signal into Permanent Information via CRISPR/Cas9-Based Genome Editing. <i>Cells</i> , 2020, 9, 1929.  | 4.1  | 3         |
| 32 | Acquired resistance to DZNep-mediated apoptosis is associated with copy number gains of AHCY in a B-cell lymphoma model. <i>BMC Cancer</i> , 2020, 20, 427.  | 2.6  | 3         |
| 33 | Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020, 48, 619-626.   | 4.7  | 79        |
| 34 | Harmonization and Standardization of Panel-Based Tumor Mutational Burden Measurement: Real-World Results and Recommendations of the Quality in Pathology Study. <i>Journal of Thoracic Oncology</i> , 2020, 15, 1177-1189.                       | 1.1  | 81        |
| 35 | <i>NTRK</i> testing: First results of the <i>QuiP-EQA</i> scheme and a comprehensive map of <i>NTRK</i> fusion variants and their diagnostic coverage by targeted RNA-based NGS assays. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 445-453. | 2.8  | 27        |
| 36 | Sample Quality as Basic Prerequisite for Data Quality: A Quality Management System for Biobanks. <i>Lecture Notes in Computer Science</i> , 2020, , 89-94.   | 1.3  | 0         |

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|----|--|------|-----------|
| 37 | Integrative genomic analysis focused on cell cycle genes for MYC-driven aggressive mature B-cell lymphoma. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2020, 60, 87-96.  | 0.8  | 1         |
| 38 | DZNep-mediated apoptosis in B-cell lymphoma is independent of the lymphoma type, EZH2 mutation status and MYC, BCL2 or BCL6 translocations. <i>PLoS ONE</i> , 2019, 14, e0220681.  | 2.5  | 10        |
| 39 | Position Statement from the German Biobank Alliance on the Cooperation Between Academic Biobanks and Industry Partners. <i>Biopreservation and Biobanking</i> , 2019, 17, 372-374.   | 1.0  | 6         |
| 40 | Discovery and Validation of Novel Biomarkers for Detection of Epithelial Ovarian Cancer. <i>Cells</i> , 2019, 8, 713.  | 4.1  | 32        |
| 41 | Standardized next-generation sequencing of immunoglobulin and T-cell receptor gene recombinations for MRD marker identification in acute lymphoblastic leukaemia; a EuroClonality-NGS validation study. <i>Leukemia</i> , 2019, 33, 2241-2253. | 7.2  | 177       |
| 42 | Next generation sequencing of lung adenocarcinoma subtypes with intestinal differentiation reveals distinct molecular signatures associated with histomorphology and therapeutic options. <i>Lung Cancer</i> , 2019, 138, 43-51.               | 2.0  | 24        |
| 43 | Pan-European Data Harmonization for Biobanks in ADOPT BBMRI-ERIC. <i>Applied Clinical Informatics</i> , 2019, 10, 679-692.   | 1.7  | 12        |
| 44 | DNA methylation profiling reliably distinguishes pulmonary enteric adenocarcinoma from metastatic colorectal cancer. <i>Modern Pathology</i> , 2019, 32, 855-865.  | 5.5  | 36        |
| 45 | Quality control and quantification in IG/TR next-generation sequencing marker identification: protocols and bioinformatic functionalities by EuroClonality-NGS. <i>Leukemia</i> , 2019, 33, 2254-2265.   | 7.2  | 70        |
| 46 | Characterization of the tumor immune microenvironment and its interference with outcome after concurrent chemoradiation in patients with oropharyngeal carcinomas. <i>Oncolmmunology</i> , 2019, 8, 1614858.                                   | 4.6  | 24        |
| 47 | Next-generation sequencing of immunoglobulin gene rearrangements for clonality assessment: a technical feasibility study by EuroClonality-NGS. <i>Leukemia</i> , 2019, 33, 2227-2240.  | 7.2  | 92        |
| 48 | Clinical Impact of Rare and Compound Mutations of Epidermal Growth Factor Receptor in Patients With Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2019, 20, 350-362.e4.  | 2.6  | 10        |
| 49 | MDM4 Is Targeted by 1q Gain and Drives Disease in Burkitt Lymphoma. <i>Cancer Research</i> , 2019, 79, 3125-3138.  | 0.9  | 19        |
| 50 | A modular transcriptome map of mature B cell lymphomas. <i>Genome Medicine</i> , 2019, 11, 27.   | 8.2  | 51        |
| 51 | Mutational Diversity and Therapy Response in Breast Cancer: A Sequencing Analysis in the Neoadjuvant GeparSepto Trial. <i>Clinical Cancer Research</i> , 2019, 25, 3986-3995.  | 7.0  | 32        |
| 52 | Genomic and transcriptomic changes complement each other in the pathogenesis of sporadic Burkitt lymphoma. <i>Nature Communications</i> , 2019, 10, 1459.  | 12.8 | 99        |
| 53 | Localization-associated immune phenotypes of clonally expanded tumor-infiltrating T cells and distribution of their target antigens in rectal cancer. <i>Oncolmmunology</i> , 2019, 8, e1586409.   | 4.6  | 20        |
| 54 | Identification of ADGRE5 as discriminating MYC target between Burkitt lymphoma and diffuse large B-cell lymphoma. <i>BMC Cancer</i> , 2019, 19, 322.   | 2.6  | 8         |

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|----|---|------|-----------|
| 55 | Precise detection of genomic imbalances at single-cell resolution reveals intra-patient heterogeneity in Hodgkin's lymphoma. <i>Blood Cancer Journal</i> , 2019, 9, 92.   | 6.2  | 8         |
| 56 | A New and Simple TRG Multiplex PCR Assay for Assessment of T-cell Clonality: A Comparative Study from the EuroClonality Consortium. <i>HemaSphere</i> , 2019, 3, e255.  | 2.7  | 9         |
| 57 | Biobanks for future medicine. <i>Journal of Laboratory Medicine</i> , 2019, 43, 383-388.  | 1.1  | 8         |
| 58 | A Phase I/II first-line study of R-CHOP plus B-cell receptor/NF- $\kappa$ B-double-targeting to molecularly assess therapy response. <i>International Journal of Hematologic Oncology</i> , 2019, 8, IJH20.           | 1.6  | 7         |
| 59 | Comparison of Gold Standard Genescan with NGS-Based TCR-Beta Clonality Analysis Using Oncomine TCR Beta-Short Read Assay. <i>Blood</i> , 2019, 134, 4664-4664.  | 1.4  | 0         |
| 60 | T-cell repertoires in refractory coeliac disease. <i>Gut</i> , 2018, 67, gutjnl-2016-311816.  | 12.1 | 21        |
| 61 | Big data and precision medicine: challenges and strategies with healthcare data. <i>International Journal of Data Science and Analytics</i> , 2018, 6, 241-249.   | 4.1  | 24        |
| 62 | Intratumoral morphological heterogeneity can be an indicator of genetic heterogeneity in colorectal cancer. <i>Experimental and Molecular Pathology</i> , 2018, 104, 76-81.   | 2.1  | 6         |
| 63 | Senescence-associated reprogramming promotes cancer stemness. <i>Nature</i> , 2018, 553, 96-100.  | 27.8 | 714       |
| 64 | Gene expression profiling reveals a close relationship between follicular lymphoma grade 3A and 3B, but distinct profiles of follicular lymphoma grade 1 and 2. <i>Haematologica</i> , 2018, 103, 1182-1190.          | 3.5  | 34        |
| 65 | The AP-1-BATF and -BATF3 module is essential for growth, survival and TH17/ILC3 skewing of anaplastic large cell lymphoma. <i>Leukemia</i> , 2018, 32, 1994-2007.   | 7.2  | 70        |
| 66 | Advanced patient age at diagnosis of diffuse large B-cell lymphoma is associated with molecular characteristics including ABC-subtype and high expression of MYC. <i>Leukemia and Lymphoma</i> , 2018, 59, 1213-1221. | 1.3  | 18        |
| 67 | Mechanisms of Targeting the MDM2-p53-FOXO1 Axis in Well-Differentiated Intestinal Neuroendocrine Tumors. <i>Neuroendocrinology</i> , 2018, 107, 1-23.   | 2.5  | 5         |
| 68 | RNA-based analysis of ALK fusions in non-small cell lung cancer cases showing IHC/FISH discordance. <i>BMC Cancer</i> , 2018, 18, 1158.   | 2.6  | 17        |
| 69 | Validation and comparison of two NGS assays for the detection of EGFR T790M resistance mutation in liquid biopsies of NSCLC patients. <i>Oncotarget</i> , 2018, 9, 18529-18539.                                       | 1.8  | 32        |
| 70 | Immunohistochemical Study of Mitosis-regulatory Proteins in Gastroenteropancreatic Neuroendocrine Neoplasms. <i>Anticancer Research</i> , 2018, 38, 3863-3870.  | 1.1  | 7         |
| 71 | Mutational frequencies of <i>CD79B</i> and <i>MYD88</i> vary greatly between primary testicular DLBCL and gastrointestinal DLBCL. <i>Leukemia and Lymphoma</i> , 2018, 59, 1260-1263.                                 | 1.3  | 14        |
| 72 | High-accuracy determination of internal circadian time from a single blood sample. <i>Journal of Clinical Investigation</i> , 2018, 128, 3826-3839.   | 8.2  | 174       |

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|----|---|-----|-----------|
| 73 | Comparative assessment of differential network analysis methods. <i>Briefings in Bioinformatics</i> , 2017, 18, bbw061.   | 6.5 | 65        |
| 74 | Comprehensive Metaboproteomics of Burkitt's and Diffuse Large B-Cell Lymphoma Cell Lines and Primary Tumor Tissues Reveals Distinct Differences in Pyruvate Content and Metabolism. <i>Journal of Proteome Research</i> , 2017, 16, 1105-1120.  | 3.7 | 22        |
| 75 | High-Throughput Immunogenetics for Clinical and Research Applications in Immunohematology: Potential and Challenges. <i>Journal of Immunology</i> , 2017, 198, 3765-3774.   | 0.8 | 61        |
| 76 | Influence of mucinous and necrotic tissue in colorectal cancer samples on KRAS mutation analysis. <i>Pathology Research and Practice</i> , 2017, 213, 606-611.  | 2.3 | 3         |
| 77 | MiR-200b and miR-155 as predictive biomarkers for the efficacy of chemoradiation in locally advanced head and neck squamous cell carcinoma. <i>European Journal of Cancer</i> , 2017, 77, 3-12.   | 2.8 | 51        |
| 78 | Pharmacological restoration and therapeutic targeting of the B-cell phenotype in classical Hodgkin lymphoma. <i>Blood</i> , 2017, 129, 71-81.   | 1.4 | 11        |
| 79 | EGFR T790M mutation testing of non-small cell lung cancer tissue and blood samples artificially spiked with circulating cell-free tumor DNA: results of a round robin trial. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 471, 509-520.  | 2.8 | 29        |
| 80 | Synergy of interleukin 10 and toll-like receptor 9 signalling in B cell proliferation: Implications for lymphoma pathogenesis. <i>International Journal of Cancer</i> , 2017, 140, 1147-1158.   | 5.1 | 5         |
| 81 | Integration of next-generation sequencing in clinical diagnostic molecular pathology laboratories for analysis of solid tumours; an expert opinion on behalf of IQN Path ASBL. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 470, 5-20.   | 2.8 | 82        |
| 82 | In Vitro Evaluation of Glycoengineered RSV-F in the Human Artificial Lymph Node Reactor. <i>Bioengineering</i> , 2017, 4, 70.   | 3.5 | 4         |
| 83 | Clinical Impact of the Cell-of-Origin Classification and the MYC/BCL2 Dual Expresser Status in Diffuse Large B-Cell Lymphoma Treated Within Prospective Clinical Trials of the German High-Grade Non-Hodgkin's Lymphoma Study Group. <i>Journal of Clinical Oncology</i> , 2017, 35, 2515-2526. | 1.6 | 179       |
| 84 | Proteasome inhibitor bortezomib enhances the effect of standard chemotherapy in small cell lung cancer. <i>Oncotarget</i> , 2017, 8, 97061-97078.   | 1.8 | 22        |
| 85 | A Decentralized IT Architecture for Locating and Negotiating Access to Biobank Samples. <i>Studies in Health Technology and Informatics</i> , 2017, 243, 75-79.   | 0.3 | 7         |
| 86 | Proof-of-Concept Integration of Heterogeneous Biobank IT Infrastructures into a Hybrid Biobanking Network. <i>Studies in Health Technology and Informatics</i> , 2017, 243, 100-104.  | 0.3 | 11        |
| 87 | Poorly Differentiated Medullary Phenotype Predicts Poor Survival in Early Lymph Node-Negative Gastro-Esophageal Adenocarcinomas. <i>PLoS ONE</i> , 2016, 11, e0168237.  | 2.5 | 2         |
| 88 | Inactivation of RUNX3/p46 Promotes Cutaneous T-Cell Lymphoma. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2287-2296.   | 0.7 | 12        |
| 89 | Frequent NFKBIE deletions are associated with poor outcome in primary mediastinal B-cell lymphoma. <i>Blood</i> , 2016, 128, 2666-2670.   | 1.4 | 82        |
| 90 | Alterations of microRNA and microRNA-regulated messenger RNA expression in germinal center B-cell lymphomas determined by integrative sequencing analysis. <i>Haematologica</i> , 2016, 101, 1380-1389.   | 3.5 | 43        |

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|-----|---|------|-----------|
| 91  | Multicenter Evaluation of a Novel Automated Rapid Detection System of BRAF Status in Formalin-Fixed, Paraffin-Embedded Tissues. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 370-377.  | 2.8  | 25        |
| 92  | Age and cellular composition influence overall survival in a collective of non-immunocompromised patients with EBV-positive diffuse large B-cell lymphoma from a German lymphoma center. <i>Leukemia and Lymphoma</i> , 2016, 57, 2791-2803.                            | 1.3  | 2         |
| 93  | Prevalence and associated survival of high-risk HPV-related adenoid cystic carcinoma of the salivary glands. <i>International Journal of Oncology</i> , 2016, 49, 803-811.  | 3.3  | 15        |
| 94  | Novel <i>IGH</i> and <i>MYC</i> Translocation Partners in Diffuse Large B-Cell Lymphomas. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 932-943.  | 2.8  | 10        |
| 95  | A roadmap of constitutive NF- $\kappa$ B activity in Hodgkin lymphoma: Dominant roles of p50 and p52 revealed by genome-wide analyses. <i>Genome Medicine</i> , 2016, 8, 28.  | 8.2  | 47        |
| 96  | A novel approach to detect resistance mechanisms reveals FGR as a factor mediating HDAC inhibitor SAHA resistance in B-Cell lymphoma. <i>Molecular Oncology</i> , 2016, 10, 1232-1244.  | 4.6  | 13        |
| 97  | Clonality Analysis of Immunoglobulin Gene Rearrangement by Next-Generation Sequencing in Endemic Burkitt Lymphoma Suggests Antigen Drive Activation of BCR as Opposed to Sporadic Burkitt Lymphoma. <i>American Journal of Clinical Pathology</i> , 2016, 145, 116-127. | 0.7  | 35        |
| 98  | NGS-based BRCA1/2 mutation testing of high-grade serous ovarian cancer tissue: results and conclusions of the first international round robin trial. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 468, 697-705.  | 2.8  | 24        |
| 99  | The Clinical Impact of the Cell-of-Origin Classification and the MYC+/BCL2+ Double Expresser Status in DLBCL Treated within Prospective Clinical Trials of the Dshnhl. <i>Blood</i> , 2016, 128, 151-151.   | 1.4  | 2         |
| 100 | Adoptive Transfer of CMV- and EBV- Specific Peptide-Stimulated T Cells after Allogeneic Stem Cell Transplantation: First Results of a Phase I/IIa Clinical Trial [Multivir-01]. <i>Blood</i> , 2016, 128, 2179-2179.  | 1.4  | 1         |
| 101 | <i>IRF1</i> Deletions: A Novel Marker of Clinical Aggressiveness in Primary Mediastinal B-Cell Lymphoma. <i>Blood</i> , 2016, 128, 609-609.   | 1.4  | 0         |
| 102 | Comparison of targeted next-generation sequencing and Sanger sequencing for the detection of PIK3CA mutations in breast cancer. <i>BMC Clinical Pathology</i> , 2015, 15, 20.   | 1.8  | 61        |
| 103 | Essential role of IRF4 and MYC signaling for survival of anaplastic large cell lymphoma. <i>Blood</i> , 2015, 125, 124-132.   | 1.4  | 79        |
| 104 | The glucosinolate metabolite 1-methoxy-3-indolylmethyl alcohol induces a gene expression profile in mouse liver similar to the expression signature caused by known genotoxic hepatocarcinogens. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 685-697.      | 3.3  | 12        |
| 105 | Proximal weakness in a patient with <i>MALT</i> lymphoma: a case report and discussion of possible pathogenesis. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 686-689.  | 3.2  | 0         |
| 106 | The <i>PCBP1</i> gene encoding poly(rc) binding protein i is recurrently mutated in <i>B</i> urkitt lymphoma. <i>Genes Chromosomes and Cancer</i> , 2015, 54, 555-564.  | 2.8  | 29        |
| 107 | A new method to prevent carry-over contaminations in two-step PCR NGS library preparations. <i>Nucleic Acids Research</i> , 2015, 43, gkv694.   | 14.5 | 40        |
| 108 | Activity-Based Probes for Detection of Active MALT1 Paracaspase in Immune Cells and Lymphomas. <i>Chemistry and Biology</i> , 2015, 22, 129-138.  | 6.0  | 36        |



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|-----|--|------|-----------|
| 109 | Bone Marrow Work-up: Report of a Pilot Study. <i>Recent Results in Cancer Research</i> , 2015, 199, 95-105.  | 1.8  | 1         |
| 110 | Automation of ALK gene rearrangement testing with fluorescence in situ hybridization (FISH): A feasibility study. <i>Experimental and Molecular Pathology</i> , 2015, 98, 113-118.   | 2.1  | 9         |
| 111 | Algorithms for differential splicing detection using exon arrays: a comparative assessment. <i>BMC Genomics</i> , 2015, 16, 136.   | 2.8  | 3         |
| 112 | Aurora Kinase A Is Upregulated in Cutaneous T-Cell Lymphoma and Represents a Potential Therapeutic Target. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2292-2300.   | 0.7  | 21        |
| 113 | DNA methylome analysis in Burkitt and follicular lymphomas identifies differentially methylated regions linked to somatic mutation and transcriptional control. <i>Nature Genetics</i> , 2015, 47, 1316-1325.                                      | 21.4 | 119       |
| 114 | Machine Learning-based Classification of Diffuse Large B-cell Lymphoma Patients by Their Protein Expression Profiles. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2947-2960.  | 3.8  | 73        |
| 115 | <i>DCLRE1C</i> (ARTEMIS) mutations causing phenotypes ranging from atypical severe combined immunodeficiency to mere antibody deficiency. <i>Human Molecular Genetics</i> , 2015, 24, 7361-7372.   | 2.9  | 72        |
| 116 | A 2015 update on predictive molecular pathology and its role in targeted cancer therapy: a review focussing on clinical relevance. <i>Cancer Gene Therapy</i> , 2015, 22, 417-430.   | 4.6  | 112       |
| 117 | MINCR is a MYC-induced lncRNA able to modulate MYC's transcriptional network in Burkitt lymphoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5261-70.                              | 7.1  | 91        |
| 118 | ALK-FISH borderline cases in non-small cell lung cancer: Implications for diagnostics and clinical decision making. <i>Lung Cancer</i> , 2015, 90, 465-471.  | 2.0  | 36        |
| 119 | Parallel screening for ALK, MET and ROS1 alterations in non-small cell lung cancer with implications for daily routine testing. <i>Lung Cancer</i> , 2015, 87, 122-129.  | 2.0  | 54        |
| 120 | Characterization of genomic imbalances in diffuse large B-cell lymphoma by detailed SNP-chip analysis. <i>International Journal of Cancer</i> , 2015, 136, 1033-1042.  | 5.1  | 25        |
| 121 | Unusual relapse of an angioimmunoblastic T cell lymphoma 11 years after initial manifestation. <i>Annals of Hematology</i> , 2015, 94, 347-349.  | 1.8  | 0         |
| 122 | FOXM1: A novel drug target in gastroenteropancreatic neuroendocrine tumors. <i>Oncotarget</i> , 2015, 6, 8185-8199.  | 1.8  | 26        |
| 123 | Histopathological features and their prognostic impact in nodular lymphocyte-predominant Hodgkin lymphoma – a matched pair analysis from the German Hodgkin Study Group (GHSG). <i>British Journal of Haematology</i> , 2014, 167, 238-242.        | 2.5  | 35        |
| 124 | First-in-Man Clinical Results With Good Manufacturing Practice (GMP)-compliant Polypeptide-expanded Adenovirus-specific T Cells After Haploidentical Hematopoietic Stem Cell Transplantation. <i>Journal of Immunotherapy</i> , 2014, 37, 245-249. | 2.4  | 42        |
| 125 | Multicenter Immunohistochemical ALK-Testing of Non-Small-Cell Lung Cancer Shows High Concordance after Harmonization of Techniques and Interpretation Criteria. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1685-1692.                          | 1.1  | 66        |
| 126 | Abnormally differentiated CD4+ or CD8+ T cells with phenotypic and genetic features of double negative T cells in human Fas deficiency. <i>Blood</i> , 2014, 124, 851-860.   | 1.4  | 54        |



| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
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