

# Charlie Hatton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2348260/publications.pdf>

Version: 2024-02-01

28  
papers

12,455  
citations

257450

24  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

24167  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity. <i>Nature</i> , 2012, 483, 603-607.   | 27.8 | 6,473     |
| 2  | Assessing the significance of chromosomal aberrations in cancer: Methodology and application to glioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20007-20012. | 7.1  | 927       |
| 3  | High-throughput oncogene mutation profiling in human cancer. <i>Nature Genetics</i> , 2007, 39, 347-351.   | 21.4 | 927       |
| 4  | Subtype-specific genomic alterations define new targets for soft-tissue sarcoma therapy. <i>Nature Genetics</i> , 2010, 42, 715-721.   | 21.4 | 642       |
| 5  | MEK1 mutations confer resistance to MEK and B-RAF inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20411-20416.   | 7.1  | 574       |
| 6  | Loss of ATRX, Genome Instability, and an Altered DNA Damage Response Are Hallmarks of the Alternative Lengthening of Telomeres Pathway. <i>PLoS Genetics</i> , 2012, 8, e1002772.  | 3.5  | 489       |
| 7  | Mutations in the <i>DDR2</i> Kinase Gene Identify a Novel Therapeutic Target in Squamous Cell Lung Cancer. <i>Cancer Discovery</i> , 2011, 1, 78-89.   | 9.4  | 455       |
| 8  | Drug-sensitive <i>FGFR2</i> mutations in endometrial carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8713-8717.   | 7.1  | 329       |
| 9  | Profiling Critical Cancer Gene Mutations in Clinical Tumor Samples. <i>PLoS ONE</i> , 2009, 4, e7887.  | 2.5  | 316       |
| 10 | A Menin-MLL Inhibitor Induces Specific Chromatin Changes and Eradicates Disease in Models of MLL-Rearranged Leukemia. <i>Cancer Cell</i> , 2019, 36, 660-673.e11.  | 16.8 | 231       |
| 11 | Therapeutic targeting of preleukemia cells in a mouse model of <i>NPM1</i> mutant acute myeloid leukemia. <i>Science</i> , 2020, 367, 586-590.   | 12.6 | 145       |
| 12 | EZH2 Inhibitor Efficacy in Non-Hodgkin's Lymphoma Does Not Require Suppression of H3K27 Monomethylation. <i>Chemistry and Biology</i> , 2014, 21, 1463-1475.   | 6.0  | 128       |
| 13 | An Alternative Approach to ChIP-Seq Normalization Enables Detection of Genome-Wide Changes in Histone H3 Lysine 27 Trimethylation upon EZH2 Inhibition. <i>PLoS ONE</i> , 2016, 11, e0166438.                            | 2.5  | 108       |
| 14 | Pharmacological Inhibition of the Histone Lysine Demethylase KDM1A Suppresses the Growth of Multiple Acute Myeloid Leukemia Subtypes. <i>Cancer Research</i> , 2016, 76, 1975-1988.                                      | 0.9  | 89        |
| 15 | High-throughput mutation profiling of CTCL samples reveals KRAS and NRAS mutations sensitizing tumors toward inhibition of the RAS/RAF/MEK signaling cascade. <i>Blood</i> , 2011, 117, 2433-2440.                       | 1.4  | 71        |
| 16 | Prospective Enterprise-Level Molecular Genotyping of a Cohort of Cancer Patients. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 660-672.   | 2.8  | 70        |
| 17 | Bromodomain inhibition of the transcriptional coactivators CBP/EP300 as a therapeutic strategy to target the IRF4 network in multiple myeloma. <i>ELife</i> , 2016, 5, .   | 6.0  | 70        |
| 18 | Regulatory T Cell Modulation by CBP/EP300 Bromodomain Inhibition. <i>Journal of Biological Chemistry</i> , 2016, 291, 13014-13027.   | 3.4  | 58        |

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|----|--|------|-----------|
| 19 | Regulation of GLI Underlies a Role for BET Bromodomains in Pancreatic Cancer Growth and the Tumor Microenvironment. <i>Clinical Cancer Research</i> , 2016, 22, 4259-4270.                     | 7.0  | 44        |
| 20 | The menin-MLL1 interaction is a molecular dependency in <i>NUP98</i> -rearranged AML. <i>Blood</i> , 2022, 139, 894-906.   | 1.4  | 42        |
| 21 | Colorectal Cancers from Distinct Ancestral Populations Show Variations in BRAF Mutation Frequency. <i>PLoS ONE</i> , 2013, 8, e74950.  | 2.5  | 34        |
| 22 | Preclinical Anticancer Efficacy of BET Bromodomain Inhibitors Is Determined by the Apoptotic Response. <i>Cancer Research</i> , 2016, 76, 1313-1319.   | 0.9  | 26        |
| 23 | Novel inhibitors of the histone methyltransferase DOT1L show potent antileukemic activity in patient-derived xenografts. <i>Blood</i> , 2020, 136, 1983-1988.                                  | 1.4  | 25        |
| 24 | MLL::AF9 degradation induces rapid changes in transcriptional elongation and subsequent loss of an active chromatin landscape. <i>Molecular Cell</i> , 2022, 82, 1140-1155.e11.                | 9.7  | 21        |
| 25 | YBX1 mediates translation of oncogenic transcripts to control cell competition in AML. <i>Leukemia</i> , 2022, 36, 426-437.  | 7.2  | 18        |
| 26 | IKAROS and MENIN coordinate therapeutically actionable leukemogenic gene expression in MLL-r acute myeloid leukemia. <i>Nature Cancer</i> , 2022, 3, 595-613.                                  | 13.2 | 16        |
| 27 | MOZ and Menin-MLL Complexes Are Complementary Regulators of Chromatin Association and Transcriptional Output in Gastrointestinal Stromal Tumor. <i>Cancer Discovery</i> , 2022, 12, 1804-1823. | 9.4  | 10        |
| 28 | Using UMLS metathesaurus concepts to describe medical images: dermatology vocabulary. <i>Computers in Biology and Medicine</i> , 2006, 36, 89-100.   | 7.0  | 9         |