# Willy Hugo

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3078353/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 41 papers | 12,413 citations | 236612 25 h-index | 288905 40 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 19680 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Genomic and Transcriptomic Features of Response to Anti-PD-1 Therapy in Metastatic Melanoma. Cell, 2016, 165, 35-44. | 13.5 | 2,437 |
| 2 | Mutations Associated with Acquired Resistance to PD-1 Blockade in Melanoma. New England Journal of Medicine, 2016, 375, 819-829. | 13.9 | 2,430 |
| 3 | Interferon Receptor Signaling Pathways Regulating PD-L1 and PD-L2 Expression. Cell Reports, 2017, 19, 1189-1201. | 2.9 | 1,256 |
| 4 | Primary Resistance to PD-1 Blockade Mediated by JAK1/2 Mutations. Cancer Discovery, 2017, 7, 188-201. | 7.7 | 997 |
| 5 | Neoadjuvant anti-PD-1 immunotherapy promotes a survival benefit with intratumoral and systemic immune responses in recurrent glioblastoma. Nature Medicine, 2019, 25, 477-486. | 15.2 | 932 |
| 6 | Acquired Resistance and Clonal Evolution in Melanoma during BRAF Inhibitor Therapy. Cancer Discovery, 2014, 4, 80-93. | 7.7 | 836 |
| 7 | Non-genomic and Immune Evolution of Melanoma Acquiring MAPKi Resistance. Cell, 2015, 162, 1271-1285. | 13.5 | 516 |
| 8 | Low MITF/AXL ratio predicts early resistance to multiple targeted drugs in melanoma. Nature Communications, 2014, 5, 5712. | 5.8 | 503 |
| 9 | Tunable-Combinatorial Mechanisms of Acquired Resistance Limit the Efficacy of BRAF/MEK Cotargeting but Result in Melanoma Drug Addiction. Cancer Cell, 2015, 27, 240-256. | 7.7 | 299 |
| 10 | Regional glutamine deficiency in tumours promotes dedifferentiation through inhibition of histoneÂdemethylation. Nature Cell Biology, 2016, 18, 1090-1101. | 4.6 | 291 |
| 11 | Acquired BRAF inhibitor resistance: A multicenter meta-analysis of the spectrum and frequencies, clinical behaviour, and phenotypic associations of resistance mechanisms. European Journal of Cancer, 2015, 51, 2792-2799. | 1.3 | 269 |
| 12 | Response of BRAF-Mutant Melanoma to BRAF Inhibition Is Mediated by a Network of Transcriptional Regulators of Glycolysis. Cancer Discovery, 2014, 4, 423-433. | 7.7 | 242 |
| 13 | A Novel AKT1 Mutant Amplifies an Adaptive Melanoma Response to BRAF Inhibition. Cancer Discovery, 2014, 4, 69-79. | 7.7 | 141 |
| 14 | Recurrent Tumor Cellâ€“Intrinsic and â€“Extrinsic Alterations during MAPKi-Induced Melanoma Regression and Early Adaptation. Cancer Discovery, 2017, 7, 1248-1265. | 7.7 | 134 |
| 15 | Neoadjuvant PD-1 blockade induces T cell and cDC1 activation but fails to overcome the immunosuppressive tumor associated macrophages in recurrent glioblastoma. Nature Communications, 2021, 12, 6938. | 5.8 | 93 |
| 16 | Exploiting Drug Addiction Mechanisms to Select against MAPKi-Resistant Melanoma. Cancer Discovery, 2018, 8, 74-93. | 7.7 | 89 |
| 17 | Multimodel preclinical platform predicts clinical response of melanoma to immunotherapy. Nature Medicine, 2020, 26, 781-791. | 15.2 | 75 |
| 18 | Mixed lineage kinases activate MEK independently of RAF to mediate resistance to RAF inhibitors. Nature Communications, 2014, 5, 3901. | 5.8 | 68 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | JUN dependency in distinct early and late BRAF inhibition adaptation states of melanoma. Cell Discovery, 2016, 2, 16028. | 3.1 | 57 |
| 20 | Cutaneous wound healing through paradoxical MAPK activation by BRAF inhibitors. Nature Communications, 2016, 7, 12348. | 5.8 | 52 |
| 21 | Durable Suppression of Acquired MEK Inhibitor Resistance in Cancer by Sequestering MEK from ERK and Promoting Antitumor T-cell Immunity. Cancer Discovery, 2021, 11, 714-735. | 7.7 | 45 |
| 22 | A correlated motif approach for finding short linear motifs from protein interaction networks. BMC Bioinformatics, 2006, 7, 502. | 1.2 | 40 |
| 23 | Stringent DDI-based Prediction of H. sapiens-M. tuberculosis H37Rv Protein-Protein Interactions. BMC Systems Biology, 2013, 7, S6. | 3.0 | 34 |
| 24 | Innate resistance of PD-1 blockade through loss of function mutations in JAK resulting in inability to express PD-L1 upon interferon exposure. , 2015, 3, . | | 23 |
| 25 | The roles of TGF-Î² and VEGF pathways in the suppression of antitumor immunity in melanoma and other solid tumors. , 2022, 240, 108211. | | 21 |
| 26 | A Probabilistic Graphâ€Theoretic Approach to Integrate Multiple Predictions for the Proteinâ€“Protein Subnetwork Prediction Challenge. Annals of the New York Academy of Sciences, 2009, 1158, 224-233. | 1.8 | 20 |
| 27 | SLiM on Diet: finding short linear motifs on domain interaction interfaces in Protein Data Bank. Bioinformatics, 2010, 26, 1036-1042. | 1.8 | 15 |
| 28 | The Association of MUC16 Mutation with Tumor Mutation Burden and Its Prognostic Implications in Cutaneous Melanoma. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1792-1799. | 1.1 | 15 |
| 29 | The Prognostic Significance of Low-Frequency Somatic Mutations in Metastatic Cutaneous Melanoma. Frontiers in Oncology, 2018, 8, 584. | 1.3 | 14 |
| 30 | Pathogenic TNF-Î± drives peripheral nerve inflammation in an Aire-deficient model of autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 13 |
| 31 | Purine nucleoside phosphorylase enables dual metabolic checkpoints that prevent T cell immunodeficiency and TLR7-associated autoimmunity. Journal of Clinical Investigation, 2022, 132, . | 3.9 | 12 |
| 32 | Simultaneously Learning DNA Motif Along with Its Position and Sequence Rank Preferences Through Expectation Maximization Algorithm. Journal of Computational Biology, 2013, 20, 237-248. | 0.8 | 10 |
| 33 | Single-cell RNA sequencing in silent corticotroph tumors confirms impaired POMC processing and provides new insights into their invasive behavior. European Journal of Endocrinology, 2022, 187, 49-64. | 1.9 | 10 |
| 34 | A human ACTH-secreting corticotroph tumoroid model. EBioMedicine, 2021, 66, 103294. | 2.7 | 8 |
| 35 | A Faster and More Space-Efficient Algorithm for Inferring Arc-Annotations of RNA Sequences through Alignment. Algorithmica, 2006, 46, 223-245. | 1.0 | 7 |
| 36 | D-SLIMMER: Domainâ€“SLiM Interaction Motifs Miner for Sequence Based Proteinâ€“Protein Interaction Data. Journal of Proteome Research, 2011, 10, 5285-5295. | 1.8 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Discovering Interacting Domains and Motifs in Proteinâ€“Protein Interactions. Methods in Molecular Biology, 2013, 939, 9-20. | 0.4 | 4 |
| 38 | Wound healing with topical BRAF inhibitor therapy in a diabetic model suggests tissue regenerative effects. PLoS ONE, 2021, 16, e0252597. | 1.1 | 4 |
| 39 | Simultaneously Learning DNA Motif along with Its Position and Sequence Rank Preferences through EM Algorithm. Lecture Notes in Computer Science, 2012, , 355-370. | 1.0 | 3 |
| 40 | ADAPTIVE CONTROL OF HYBRIDIZATION NOISE IN DNA SEQUENCING-BY-HYBRIDIZATION. Journal of Bioinformatics and Computational Biology, 2005, 03, 79-98. | 0.3 | 1 |
| 41 | IMMU-30. UPREGULATED T CELL AND INTERFERON-Î“-RELATED GENE EXPRESSION IS ASSOCIATED WITH INCREASED SURVIVAL IN RECURRENT PEDIATRIC HIGH-GRADE GLIOMA. Neuro-Oncology, 2020, 22, iii365-iii366. | 0.6 | 0 |