

# Owen N Witte

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9478795/owen-n-witte-publications-by-citations.pdf>

**Version:** 2024-04-28

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.

67

papers

6,068

citations

35

h-index

68

g-index

68

ext. papers

6,998

ext. citations

14.6

avg, IF

5.2

L-index

#	Paper	IF	Citations
67	Mutation of unique region of Bruton's tyrosine kinase in immunodeficient XID mice. <i>Science</i> , <b>1993</b> , 261, 358-61	33.3	774
66	Differential expression of myc family genes during murine development. <i>Nature</i> , <b>1986</b> , 319, 780-3	50.4	486
65	Identification of a cell of origin for human prostate cancer. <i>Science</i> , <b>2010</b> , 329, 568-71	33.3	442
64	The Sca-1 cell surface marker enriches for a prostate-regenerating cell subpopulation that can initiate prostate tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 6942-7	11.5	375
63	Progression of metastatic human prostate cancer to androgen independence in immunodeficient SCID mice. <i>Nature Medicine</i> , <b>1997</b> , 3, 402-8	50.5	319
62	Lysophosphatidylcholine as a ligand for the immunoregulatory receptor G2A. <i>Science</i> , <b>2001</b> , 293, 702-5	33.3	282
61	Clinical and Genomic Characterization of Treatment-Emergent Small-Cell Neuroendocrine Prostate Cancer: A Multi-institutional Prospective Study. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 2492-2503	2.2	271
60	Regional gene therapy with a BMP-2-producing murine stromal cell line induces heterotopic and orthotopic bone formation in rodents. <i>Journal of Orthopaedic Research</i> , <b>1998</b> , 16, 330-9	3.8	256
59	An Effective Immuno-PET Imaging Method to Monitor CD8-Dependent Responses to Immunotherapy. <i>Cancer Research</i> , <b>2016</b> , 76, 73-82	10.1	206
58	Bcl-2-independent Bcr-Abl-mediated resistance to apoptosis: protection is correlated with up regulation of Bcl-xL. <i>Oncogene</i> , <b>1998</b> , 16, 1383-90	9.2	193
57	N-Myc Drives Neuroendocrine Prostate Cancer Initiated from Human Prostate Epithelial Cells. <i>Cancer Cell</i> , <b>2016</b> , 29, 536-547	24.3	189
56	Reprogramming normal human epithelial tissues to a common, lethal neuroendocrine cancer lineage. <i>Science</i> , <b>2018</b> , 362, 91-95	33.3	139
55	Phosphoproteome Integration Reveals Patient-Specific Networks in Prostate Cancer. <i>Cell</i> , <b>2016</b> , 166, 1041-1054	56.2	132
54	A basal stem cell signature identifies aggressive prostate cancer phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E6544-52	11.5	131
53	DNA-PKcs-Mediated Transcriptional Regulation Drives Prostate Cancer Progression and Metastasis. <i>Cancer Cell</i> , <b>2015</b> , 28, 97-113	24.3	116
52	Oncogene-specific activation of tyrosine kinase networks during prostate cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 1643-8	11.5	115
51	Prostate cancer originating in basal cells progresses to adenocarcinoma propagated by luminal-like cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 20111-6	11.5	114

50	Bruton's tyrosine kinase is a key regulator in B-cell development. <i>Immunological Reviews</i> , <b>1994</b> , 138, 105-119,	9.8	98
49	Immuno-PET of Murine T Cell Reconstitution Postadoptive Stem Cell Transplantation Using Anti-CD4 and Anti-CD8 Cys-Diabodies. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 1258-64	8.9	84
48	Metastatic castration-resistant prostate cancer reveals inpatient similarity and interpatient heterogeneity of therapeutic kinase targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E4762-9	11.5	82
47	Purification and direct transformation of epithelial progenitor cells from primary human prostate. <i>Nature Protocols</i> , <b>2011</b> , 6, 656-67	18.8	74
46	Low CD38 Identifies Progenitor-like Inflammation-Associated Luminal Cells that Can Initiate Human Prostate Cancer and Predict Poor Outcome. <i>Cell Reports</i> , <b>2016</b> , 17, 2596-2606	10.6	67
45	Prostate epithelial cell of origin determines cancer differentiation state in an organoid transformation assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4482-7	11.5	66
44	Constitutive membrane association potentiates activation of Bruton tyrosine kinase. <i>Oncogene</i> , <b>1997</b> , 15, 1375-83	9.2	61
43	Modeling Philadelphia chromosome positive leukemias. <i>Oncogene</i> , <b>2001</b> , 20, 5644-59	9.2	59
42	Systemic surfaceome profiling identifies target antigens for immune-based therapy in subtypes of advanced prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E4473-E4482	11.5	56
41	[18F]CFA as a clinically translatable probe for PET imaging of deoxycytidine kinase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4027-32	11.5	55
40	T cell antigen discovery via trogocytosis. <i>Nature Methods</i> , <b>2019</b> , 16, 183-190	21.6	53
39	Consequences of BCR-ABL expression within the hematopoietic stem cell in chronic myeloid leukemia. <i>Stem Cells</i> , <b>2000</b> , 18, 399-408	5.8	53
38	A Human Adult Stem Cell Signature Marks Aggressive Variants across Epithelial Cancers. <i>Cell Reports</i> , <b>2018</b> , 24, 3353-3366.e5	10.6	49
37	Pan-cancer Convergence to a Small-Cell Neuroendocrine Phenotype that Shares Susceptibilities with Hematological Malignancies. <i>Cancer Cell</i> , <b>2019</b> , 36, 17-34.e7	24.3	47
36	FOXA2 is a sensitive and specific marker for small cell neuroendocrine carcinoma of the prostate. <i>Modern Pathology</i> , <b>2017</b> , 30, 1262-1272	9.8	46
35	Sensitive Detection and Analysis of Neoantigen-Specific T Cell Populations from Tumors and Blood. <i>Cell Reports</i> , <b>2019</b> , 28, 2728-2738.e7	10.6	42
34	Molecular pathogenesis of Ph-positive leukemias. <i>Annual Review of Medicine</i> , <b>1989</b> , 40, 113-22	17.4	36
33	Isolation and characterization of NY-ESO-1-specific T cell receptors restricted on various MHC molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E10702-E10711	11.5	35

32	Functional screen identifies kinases driving prostate cancer visceral and bone metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E172-81	11.5	33
31	Activation of Notch1 synergizes with multiple pathways in promoting castration-resistant prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E6457-E6466	11.5	32
30	Transcriptional profiling identifies an androgen receptor activity-low, stemness program associated with enzalutamide resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 12315-12323	11.5	28
29	HSV-sr39TK positron emission tomography and suicide gene elimination of human hematopoietic stem cells and their progeny in humanized mice. <i>Cancer Research</i> , <b>2014</b> , 74, 5173-83	10.1	26
28	Target antigens for prostate cancer immunotherapy. <i>Cancer and Metastasis Reviews</i> , <b>1999</b> , 18, 437-49	9.6	25
27	Targeting cellular heterogeneity with CXCR2 blockade for the treatment of therapy-resistant prostate cancer. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	24
26	Development of Hematopoietic Stem Cell-Engineered Invariant Natural Killer T Cell Therapy for Cancer. <i>Cell Stem Cell</i> , <b>2019</b> , 25, 542-557.e9	18	23
25	Genetic engineering of hematopoietic stem cells to generate invariant natural killer T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1523-8	11.5	23
24	Expression of a translocated c-abl gene in hybrids of mouse fibroblasts and chronic myelogenous leukaemia cells. <i>Nature</i> , <b>1986</b> , 319, 331-3	50.4	22
23	Genetic analysis of Ikaros target genes and tumor suppressor function in BCR-ABL1 pre-B ALL. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 793-814	16.6	21
22	A Btk transgene restores the antiviral TI-2 antibody responses of xid mice in a dose-dependent fashion. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 2981-7	6.1	20
21	Pathway-guided analysis identifies Myc-dependent alternative pre-mRNA splicing in aggressive prostate cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 5269-5279	11.5	18
20	Deletion of the ABL SH3 domain reactivates de-oligomerized BCR-ABL for growth factor independence. <i>FEBS Letters</i> , <b>1996</b> , 379, 244-6	3.8	18
19	Deoxycytidine kinase augments ATM-Mediated DNA repair and contributes to radiation resistance. <i>PLoS ONE</i> , <b>2014</b> , 9, e104125	3.7	18
18	Positron emission tomography probe demonstrates a striking concentration of ribose salvage in the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E2866-74	11.5	15
17	A genetically defined disease model reveals that urothelial cells can initiate divergent bladder cancer phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 563-572	11.5	13
16	Lift NIH restrictions on chimera research. <i>Science</i> , <b>2015</b> , 350, 640	33.3	11
15	Targeting RET Kinase in Neuroendocrine Prostate Cancer. <i>Molecular Cancer Research</i> , <b>2020</b> , 18, 1176-1186	11.5	11

14	Development of Acute Lymphoblastic Leukemia and Myeloproliferative Disorder in Transgenic Mice Expressing p210bcr/abl: A Novel Transgenic Model for Human Ph1-Positive Leukemias. <i>Blood</i> , <b>1998</b> , 91, 2067-2075	2.2	10
13	F-FAC PET Selectively Images Liver-Infiltrating CD4 and CD8 T Cells in a Mouse Model of Autoimmune Hepatitis. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 1616-1623	8.9	9
12	Noninvasive Imaging of Drug-Induced Liver Injury with F-DFA PET. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 1308-1315	8.9	7
11	F-FAC PET Visualizes Brain-Infiltrating Leukocytes in a Mouse Model of Multiple Sclerosis. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 757-763	8.9	7
10	IND-Enabling Studies for a Clinical Trial to Genetically Program a Persistent Cancer-Targeted Immune System. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 1000-1011	12.9	7
9	Delay of early B-lymphocyte development by gamma 2b immunoglobulin transgene: effect on differentiation-specific molecules. <i>Autoimmunity</i> , <b>1990</b> , 1, 105-12		5
8	RNA Dysregulation: An Expanding Source of Cancer Immunotherapy Targets. <i>Trends in Pharmacological Sciences</i> , <b>2021</b> , 42, 268-282	13.2	5
7	Preparation of Urogenital Sinus Mesenchymal Cells for Prostate Tissue Recombination Models. <i>Cold Spring Harbor Protocols</i> , <b>2015</b> , 2015, 988-90	1.2	3
6	Dissociated Prostate Regeneration under the Renal Capsule. <i>Cold Spring Harbor Protocols</i> , <b>2015</b> , 2015, 991-4	1.2	3
5	Tissue Recombination Models for the Study of Epithelial Cancer. <i>Cold Spring Harbor Protocols</i> , <b>2015</b> , 2015, pdb.top069880	1.2	3
4	Long-term culture systems for analysis of early B lymphocyte development. <i>International Reviews of Immunology</i> , <b>1987</b> , 2, 285-305	4.6	2
3	Droplet-based mRNA sequencing of fixed and permeabilized cells by CLInt-seq allows for antigen-specific TCR cloning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2
2	HLA-A02:01 restricted T <sub>H</sub> cell receptors against the highly conserved SARS-CoV-2 polymerase cross-react with human coronaviruses.. <i>Cell Reports</i> , <b>2021</b> , 37, 110167	10.6	1
1	A Pre-Clinical Model Of Hematopoietic Stem Cell Based Immunotherapy For Cancer Utilizing The NY-ESO-1 T-Cell Receptor and sr39TK PET Reporter / Suicide Gene. <i>Blood</i> , <b>2013</b> , 122, 2020-2020	2.2	