

# Brandon W Higgs

## List of Publications by Year in descending order

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94  
papers

5,891  
citations

76294

40  
h-index

79644

73  
g-index

95  
all docs

95  
docs citations

95  
times ranked

10314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Durvalumab With or Without Tremelimumab vs Standard Chemotherapy in First-line Treatment of Metastatic Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2020, 6, 661.	3.4	446
2	Patients with systemic lupus erythematosus, myositis, rheumatoid arthritis and scleroderma share activation of a common type I interferon pathway. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 2029-2036.	0.5	341
3	Rational Selection of Syngeneic Preclinical Tumor Models for Immunotherapeutic Drug Discovery. <i>Cancer Immunology Research</i> , 2017, 5, 29-41.	1.6	321
4	Type I Interferon: Potential Therapeutic Target for Psoriasis?. <i>PLoS ONE</i> , 2008, 3, e2737.	1.1	260
5	Neutralization of interferon- $\gamma$ -inducible genes and downstream effect in a phase I trial of an anti-interferon- $\gamma$ monoclonal antibody in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2009, 60, 1785-1796.	6.7	257
6	Sifalimumab, a Human Anti-Interferon- $\gamma$ Monoclonal Antibody, in Systemic Lupus Erythematosus: A Phase I Randomized, Controlled, Dose-Escalation Study. <i>Arthritis and Rheumatism</i> , 2013, 65, 1011-1021.	6.7	238
7	Prognostic and Predictive Impact of Circulating Tumor DNA in Patients with Advanced Cancers Treated with Immune Checkpoint Blockade. <i>Cancer Discovery</i> , 2020, 10, 1842-1853.	7.7	179
8	Early Reduction in ctDNA Predicts Survival in Patients with Lung and Bladder Cancer Treated with Durvalumab. <i>Clinical Cancer Research</i> , 2018, 24, 6212-6222.	3.2	168
9	Interferon-stimulated gene 15 ( <i>ISG15</i> ) conjugates proteins in dermatomyositis muscle with perifascicular atrophy. <i>Annals of Neurology</i> , 2010, 67, 53-63.	2.8	153
10	Interferon Gamma Messenger RNA Signature in Tumor Biopsies Predicts Outcomes in Patients with Non-Small Cell Lung Carcinoma or Urothelial Cancer Treated with Durvalumab. <i>Clinical Cancer Research</i> , 2018, 24, 3857-3866.	3.2	150
11	Interferon and Biologic Signatures in Dermatomyositis Skin: Specificity and Heterogeneity across Diseases. <i>PLoS ONE</i> , 2012, 7, e29161.	1.1	149
12	A phase 1b clinical trial evaluating sifalimumab, an anti-IFN- $\gamma$ monoclonal antibody, shows target neutralisation of a type I IFN signature in blood of dermatomyositis and polymyositis patients. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 256-262.	0.5	144
13	Genomic Landscape Survey Identifies SRSF1 as a Key Oncodriver in Small Cell Lung Cancer. <i>PLoS Genetics</i> , 2016, 12, e1005895.	1.5	144
14	A novel oncogenic role for the miRNA-506-514 cluster in initiating melanocyte transformation and promoting melanoma growth. <i>Oncogene</i> , 2012, 31, 1558-1570.	2.6	123
15	The transcription factor c-Myb regulates CD8+ T cell stemness and antitumor immunity. <i>Nature Immunology</i> , 2019, 20, 337-349.	7.0	113
16	Relationship between disease activity and type I interferon- and other cytokine-inducible gene expression in blood in dermatomyositis and polymyositis. <i>Genes and Immunity</i> , 2012, 13, 207-213.	2.2	108
17	Inhibition of Myogenic MicroRNAs 1, 133, and 206 by Inflammatory Cytokines Links Inflammation and Muscle Degeneration in Adult Inflammatory Myopathies. <i>Arthritis and Rheumatology</i> , 2014, 66, 1022-1033.	2.9	107
18	An online database for brain disease research. <i>BMC Genomics</i> , 2006, 7, 70.	1.2	101

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19	Development of Potential Pharmacodynamic and Diagnostic Markers for Anti-IFN- $\gamma$ Monoclonal Antibody Trials in Systemic Lupus Erythematosus. <i>Human Genomics and Proteomics</i> , 2009, 1, .	1.5	100
20	Identification of microRNA-31 as a novel regulator contributing to impaired interleukin-2 production in T cells from patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2012, 64, 3715-3725.	6.7	97
21	Germinal center reentries of BCL2-overexpressing B cells drive follicular lymphoma progression. <i>Journal of Clinical Investigation</i> , 2014, 124, 5337-5351.	3.9	96
22	A high density of tertiary lymphoid structure B cells in lung tumors is associated with increased CD4 <sup>+</sup> T cell receptor repertoire clonality. <i>Oncolmmunology</i> , 2015, 4, e1051922.	2.1	79
23	Suppression of T Cell Activation and Collagen Accumulation by an Anti-IFNAR1 mAb, Anifrolumab, in Adult Patients with Systemic Sclerosis. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2402-2409.	0.3	73
24	Automated image analysis of NSCLC biopsies to predict response to anti-PD-L1 therapy. , 2019, 7, 121.		71
25	Allospecific CD154+ T Cells Associate with Rejection Risk After Pediatric Liver Transplantation. <i>American Journal of Transplantation</i> , 2009, 9, 179-191.	2.6	70
26	A Blood-based Assay for Assessment of Tumor Mutational Burden in First-line Metastatic NSCLC Treatment: Results from the MYSTIC Study. <i>Clinical Cancer Research</i> , 2021, 27, 1631-1640.	3.2	70
27	Meta-analysis of 12 genomic studies in bipolar disorder. <i>Journal of Molecular Neuroscience</i> , 2007, 31, 221-243.	1.1	69
28	Use of type I interferon-inducible mRNAs as pharmacodynamic markers and potential diagnostic markers in trials with sifalimumab, an anti-IFN $\gamma$ antibody, in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2010, 12, S6.	1.6	67
29	The Role of ARF6 in Biliary Atresia. <i>PLoS ONE</i> , 2015, 10, e0138381.	1.1	66
30	MicroRNA-206 induces G1 arrest in melanoma by inhibition of CDK4 and Cyclin D. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 275-286.	1.5	64
31	A whole genome transcriptional analysis of the early immune response induced by live attenuated and inactivated influenza vaccines in young children. <i>Vaccine</i> , 2010, 28, 2865-2876.	1.7	57
32	In Vivo Therapeutic Success of MicroRNA-155 Antagomir in a Mouse Model of Lupus Alveolar Hemorrhage. <i>Arthritis and Rheumatology</i> , 2016, 68, 953-964.	2.9	57
33	Identification of activated cytokine pathways in the blood of systemic lupus erythematosus, myositis, rheumatoid arthritis, and scleroderma patients. <i>International Journal of Rheumatic Diseases</i> , 2012, 15, 25-35.	0.9	56
34	Pharmacogenomics and Translational Simulations to Bridge Indications for an Anti-Interferon- $\gamma$ Receptor Antibody. <i>Clinical Pharmacology and Therapeutics</i> , 2013, 93, 483-492.	2.3	56
35	Gene Expression and Genetic Variation Data Implicate PCLO in Bipolar Disorder. <i>Biological Psychiatry</i> , 2011, 69, 353-359.	0.7	53
36	Altered Expression of Insulin Receptor Isoforms in Breast Cancer. <i>PLoS ONE</i> , 2011, 6, e26177.	1.1	50

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37	Putative psychosis genes in the prefrontal cortex: combined analysis of gene expression microarrays. <i>BMC Psychiatry</i> , 2008, 8, 87.	1.1	48
38	The Plasma Cell Signature in Autoimmune Disease. <i>Arthritis and Rheumatology</i> , 2014, 66, 173-184.	2.9	47
39	Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 450-8.	1.4	47
40	NOD2 Gene Polymorphism rs2066844 Associates With Need for Combined Liver and Intestine Transplantation in Children With Short-Gut Syndrome. <i>American Journal of Gastroenterology</i> , 2011, 106, 157-165.	0.2	44
41	Genomic Signatures of Strain Selection and Enhancement in <i>Bacillus atrophaeus</i> var. <i>globigii</i> , a Historical Biowarfare Simulant. <i>PLoS ONE</i> , 2011, 6, e17836.	1.1	41
42	Low-Frequency Coding Variants at 6p21.33 and 20q11.21 Are Associated with Lung Cancer Risk in Chinese Populations. <i>American Journal of Human Genetics</i> , 2015, 96, 832-840.	2.6	41
43	Allospecific CD154+ T cells identify rejection-prone recipients after pediatric small-bowel transplantation. <i>Surgery</i> , 2009, 146, 166-173.	1.0	39
44	Prognostic Significance of Liver Metastasis in Durvalumab-Treated Lung Cancer Patients. <i>Clinical Lung Cancer</i> , 2019, 20, e601-e608.	1.1	38
45	Genome-wide association studies in biliary atresia. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2015, 7, 267-273.	6.6	35
46	Population Modeling of Tumor Kinetics and Overall Survival to Identify Prognostic and Predictive Biomarkers of Efficacy for Durvalumab in Patients With Urothelial Carcinoma. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 643-652.	2.3	35
47	Effects of typical and atypical antipsychotic drugs on gene expression profiles in the liver of schizophrenia subjects. <i>BMC Psychiatry</i> , 2009, 9, 57.	1.1	34
48	Genomic signatures characterize leukocyte infiltration in myositis muscles. <i>BMC Medical Genomics</i> , 2012, 5, 53.	0.7	33
49	HERC5 is a prognostic biomarker for post-liver transplant recurrent human hepatocellular carcinoma. <i>Journal of Translational Medicine</i> , 2015, 13, 379.	1.8	32
50	Suppression of soluble T cell-associated proteins by an anti-interferon- $\gamma$ monoclonal antibody in adult patients with dermatomyositis or polymyositis. <i>Rheumatology</i> , 2014, 53, 686-695.	0.9	31
51	Blockade of GM-CSF pathway induced sustained suppression of myeloid and T cell activities in rheumatoid arthritis. <i>Rheumatology</i> , 2018, 57, 175-184.	0.9	30
52	Predicting Cellular Rejection With a Cell-Based Assay. <i>Transplantation</i> , 2017, 101, 131-140.	0.5	29
53	Baseline Plasma Cell Gene Signature Predicts Improvement in Systemic Sclerosis Skin Scores Following Treatment With Inebilizumab (MED551) and Correlates With Disease Activity in Systemic Lupus Erythematosus and Chronic Obstructive Pulmonary Disease. <i>Arthritis and Rheumatology</i> , 2018, 70, 2087-2095.	2.9	29
54	Genetic Variants in Major Histocompatibility Complex-Linked Genes Associate With Pediatric Liver Transplant Rejection. <i>Gastroenterology</i> , 2008, 135, 830-839.e10.	0.6	28

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55	Early Detection of Tuberculosis Outbreaks among the San Francisco Homeless: Trade-Offs Between Spatial Resolution and Temporal Scale. PLoS ONE, 2007, 2, e1284.	1.1	25
56	Allospecific CD154 <sup>+</sup> T <sub>H</sub> 1 Cytotoxic memory cells as potential surrogate for rejection risk in pediatric intestine transplantation. Pediatric Transplantation, 2012, 16, 83-91.	0.5	25
57	Increased IR-A/IR-B ratio in non-small cell lung cancers associates with lower epithelial-mesenchymal transition signature and longer survival in squamous cell lung carcinoma. BMC Cancer, 2014, 14, 131.	1.1	24
58	Allospecific CD154 <sup>+</sup> T-Cytotoxic Memory Cells Identify Recipients Experiencing Acute Cellular Rejection After Renal Transplantation. Transplantation, 2011, 92, 433-438.	0.5	23
59	Allospecific CD154 <sup>+</sup> B Cells Associate With Intestine Allograft Rejection in Children. Transplantation, 2010, 90, 1226-1231.	0.5	22
60	Increased Expression of Peripheral Blood Leukocyte Genes Implicate CD14 <sup>+</sup> Tissue Macrophages in Cellular Intestine Allograft Rejection. American Journal of Pathology, 2011, 179, 1929-1938.	1.9	22
61	Loss of EGFR-ASAP1 signaling in metastatic and unresectable hepatoblastoma. Scientific Reports, 2016, 6, 38347.	1.6	20
62	High-throughput RNA sequencing reveals distinct gene signatures in active IgG4-related disease. Scientific Reports, 2017, 7, 17567.	1.6	20
63	Elevated Myeloid: Plasmacytoid Dendritic Cell Ratio Associates With Late, but Not Early, Liver Rejection in Children Induced With Rabbit Anti-Human Thymocyte Globulin. Transplantation, 2009, 88, 589-594.	0.5	19
64	Improved Therapeutic Window in <i>BRCA</i> -mutant Tumors with Antibody-linked Pyrrolobenzodiazepine Dimers with and without PARP Inhibition. Molecular Cancer Therapeutics, 2019, 18, 89-99.	1.9	19
65	Elevated Myeloid: Plasmacytoid Dendritic Cell Ratio Associates With Early Acute Cellular Rejection in Pediatric Small Bowel Transplantation. Transplantation, 2010, 89, 55-60.	0.5	17
66	Enhanced B Cell Alloantigen Presentation and Its Epigenetic Dysregulation in Liver Transplant Rejection. American Journal of Transplantation, 2016, 16, 497-508.	2.6	17
67	Low frequency KRAS mutations in colorectal cancer patients and the presence of multiple mutations in oncogenic drivers in non-small cell lung cancer patients. Cancer Genetics, 2013, 206, 330-339.	0.2	16
68	In Vivo Loss of Function Screening Reveals Carbonic Anhydrase IX as a Key Modulator of Tumor Initiating Potential in Primary Pancreatic Tumors. Neoplasia, 2015, 17, 473-480.	2.3	16
69	Modeling the effects of a Staphylococcal Enterotoxin B (SEB) on the apoptosis pathway. BMC Microbiology, 2006, 6, 48.	1.3	15
70	Spectral embedding finds meaningful (relevant) structure in image and microarray data. BMC Bioinformatics, 2006, 7, 74.	1.2	14
71	Profile of the Pleximmune blood test for transplant rejection risk prediction. Expert Review of Molecular Diagnostics, 2016, 16, 387-393.	1.5	14
72	Antithymocyte Globulin Facilitates Alloreactive T-cell Apoptosis by Means of Caspase-3. Transplantation, 2015, 99, 164-170.	0.5	13

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73	Biliary-Atresia-Associated Mannosidase-1-Alpha-2 Gene Regulates Biliary and Ciliary Morphogenesis and Laterality. <i>Frontiers in Physiology</i> , 2020, 11, 538701.	1.3	13
74	BubbleTree: an intuitive visualization to elucidate tumoral aneuploidy and clonality using next generation sequencing data. <i>Nucleic Acids Research</i> , 2016, 44, e38-e38.	6.5	12
75	CD4+ T-Cell Profiles and Peripheral Blood Ex-Vivo Responses to T-Cell Directed Stimulation Delineate COPD Phenotypes. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla )</i> , 2015, 2, 268-280.	0.5	12
76	Proliferative Alloresponse of T Cytotoxic Cells Identifies Rejection-Prone Children With Small Bowel Transplantation. <i>Transplantation</i> , 2010, 89, 1371-1377.	0.5	11
77	CD154-expressing CMV-specific T cells associate with freedom from DNAemia and may be protective in seronegative recipients after liver or intestine transplantation. <i>Pediatric Transplantation</i> , 2020, 24, e13601.	0.5	11
78	The Transcription Factor, T-bet, Primes Intestine Transplantation Rejection and Is Associated With Disrupted Mucosal Homeostasis. <i>Transplantation</i> , 2015, 99, 890-894.	0.5	8
79	A New Pipeline to Predict and Confirm Tumor Neoantigens Predict Better Response to Immune Checkpoint Blockade. <i>Molecular Cancer Research</i> , 2021, 19, 498-506.	1.5	8
80	Association of liver metastases (LM) with survival in NSCLC patients treated with durvalumab (D) in two independent clinical trials.. <i>Journal of Clinical Oncology</i> , 2017, 35, 3038-3038.	0.8	8
81	Proliferative alloresponse of T-cytotoxic cells identifies rejection-prone children with steroid-free liver transplantation. <i>Liver Transplantation</i> , 2009, 15, 978-985.	1.3	7
82	PheMaDB: A solution for storage, retrieval, and analysis of high throughput phenotype data. <i>BMC Bioinformatics</i> , 2011, 12, 109.	1.2	7
83	Expression Profiles of Mitochondrial Genes in the Frontal Cortex and the Caudate Nucleus of Developing Humans and Mice Selectively Bred for High and Low Fear. <i>PLoS ONE</i> , 2012, 7, e49183.	1.1	7
84	Mucosal Plasma Cell Barrier Disruption During Intestine Transplant Rejection. <i>Transplantation</i> , 2012, 94, 1236-1242.	0.5	6
85	Molecular Profiling to Diagnose a Case of Atypical Dermatomyositis. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2796-2799.	0.3	6
86	A network-based approach to identify expression modules underlying rejection in pediatric liver transplantation. <i>Cell Reports Medicine</i> , 2022, 3, 100605.	3.3	5
87	The Combiome Hypothesis: Selecting Optimal Treatment for Cancer Patients. <i>Clinical Lung Cancer</i> , 2021, , .	1.1	4
88	Cellular alloresponses for rejection-risk assessment after pediatric transplantation. <i>Current Opinion in Organ Transplantation</i> , 2011, 16, 515-521.	0.8	3
89	Personalized Healthcare in Autoimmune Diseases. , 2014, , 51-71.		1
90	Application of Translational Science to Clinical Development. , 2014, , 1-21.		1

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91	Synergistic immunosuppression and unintended consequences. <i>Pediatric Transplantation</i> , 2017, 21, e13047.	0.5	0
92	CallSim: Evaluation of Base Calls Using Sequencing Simulation. , 2012, 2012, 1-10.		0
93	A microRNA Signature Predicts Response to Anti-CD19 Therapy (MEDI-551) in B-Cell Malignancies. <i>Blood</i> , 2014, 124, 2198-2198.	0.6	0
94	Selective amplification of hypermethylated DNA from diverse tumor types via MSRE-PCR. <i>Oncotarget</i> , 2020, 11, 4387-4400.	0.8	0