Brandon W Higgs

List of Publications by Year
in descending order

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	A network-based approach to identify expression modules underlying rejection in pediatric liver transplantation. Cell Reports Medicine, 2022, 3, 100605.	3.3	5
2	A New Pipeline to Predict and Confirm Tumor Neoantigens Predict Better Response to Immune Checkpoint Blockade. Molecular Cancer Research, 2021, 19, 498-506.	1.5	8
3	A Blood-based Assay for Assessment of Tumor Mutational Burden in First-line Metastatic NSCLC Treatment: Results from the MYSTIC Study. Clinical Cancer Research, 2021, 27, 1631-1640.	3.2	70
4	The Combiome Hypothesis: Selecting Optimal Treatment for Cancer Patients. Clinical Lung Cancer, 2021, , .	1.1	4
5	CD154â€expressing CMVâ€specific T cells associate with freedom from DNAemia and may be protective in seronegative recipients after liver or intestine transplantation. Pediatric Transplantation, 2020, 24, e13601.	0.5	11
6	Biliary-Atresia-Associated Mannosidase-1-Alpha-2 Gene Regulates Biliary and Ciliary Morphogenesis and Laterality. Frontiers in Physiology, 2020, 11, 538701.	1.3	13
7	Prognostic and Predictive Impact of Circulating Tumor DNA in Patients with Advanced Cancers Treated with Immune Checkpoint Blockade. Cancer Discovery, 2020, 10, 1842-1853.	7.7	179
8	Durvalumab With or Without Tremelimumab vs Standard Chemotherapy in First-line Treatment of Metastatic Nonâ€"Small Cell Lung Cancer. JAMA Oncology, 2020, 6, 661.	3.4	446
9	Selective amplification of hypermethylated DNA from diverse tumor types via MSRE-PCR. Oncotarget, 2020, 11, 4387-4400.	0.8	0
10	Prognostic Significance of Liver Metastasis in Durvalumab-Treated Lung Cancer Patients. Clinical Lung Cancer, 2019, 20, e601-e608.	1.1	38
11	Automated image analysis of NSCLC biopsies to predict response to anti-PD-L1 therapy. , 2019, 7, 121.		71
12	The transcription factor c-Myb regulates CD8+ T cell stemness and antitumor immunity. Nature Immunology, 2019, 20, 337-349.	7.0	113
13	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
14	Population Modeling of Tumor Kinetics and Overall Survival to Identify Prognostic and Predictive Biomarkers of Efficacy for Durvalumab in Patients With Urothelial Carcinoma. Clinical Pharmacology and Therapeutics, 2018, 103, 643-652.	2.3	35
15	Interferon Gamma Messenger RNA Signature in Tumor Biopsies Predicts Outcomes in Patients with Nonâ€"Small Cell Lung Carcinoma or Urothelial Cancer Treated with Durvalumab. Clinical Cancer Research, 2018, 24, 3857-3866.	3.2	150
16	Blockade of GM-CSF pathway induced sustained suppression of myeloid and T cell activities in rheumatoid arthritis. Rheumatology, 2018, 57, 175-184.	0.9	30
17	Baseline Plasma Cell Gene Signature Predicts Improvement in Systemic Sclerosis Skin Scores Following Treatment With Inebilizumab (MEDIâ€551) and Correlates With Disease ActivityÂin Systemic Lupus Erythematosus and Chronic Obstructive Pulmonary Disease. Arthritis and Rheumatology, 2018, 70, 2087-2095.	2.9	29
18	Early Reduction in ctDNA Predicts Survival in Patients with Lung and Bladder Cancer Treated with Durvalumab. Clinical Cancer Research, 2018, 24, 6212-6222.	3.2	168

#	Article	IF	Citations
19	Predicting Cellular Rejection With a Cell-Based Assay. Transplantation, 2017, 101, 131-140.	0.5	29
20	Rational Selection of Syngeneic Preclinical Tumor Models for Immunotherapeutic Drug Discovery. Cancer Immunology Research, 2017, 5, 29-41.	1.6	321
21	Synergistic immunosuppression and unintended consequences. Pediatric Transplantation, 2017, 21, e13047.	0.5	0
22	High-throughput RNA sequencing reveals distinct gene signatures in active IgG4-related disease. Scientific Reports, 2017, 7, 17567.	1.6	20
23	Association of liver metastases (LM) with survival in NSCLC patients treated with durvalumab (D) in two independent clinical trials.. Journal of Clinical Oncology, 2017, 35, 3038-3038.	0.8	8
24	Enhanced B Cell Alloantigen Presentation and Its Epigenetic Dysregulation in Liver Transplant Rejection. American Journal of Transplantation, 2016, 16, 497-508.	2.6	17
25	In Vivo Therapeutic Success of MicroRNAâ€155 Antagomir in a Mouse Model of Lupus Alveolar Hemorrhage. Arthritis and Rheumatology, 2016, 68, 953-964.	2.9	57
26	Loss of EGFR-ASAP1 signaling in metastatic and unresectable hepatoblastoma. Scientific Reports, 2016, 6, 38347.	1.6	20
27	Profile of the Pleximmune blood test for transplant rejection risk prediction. Expert Review of Molecular Diagnostics, 2016, 16, 387-393.	1.5	14
28	BubbleTree: an intuitive visualization to elucidate tumoral aneuploidy and clonality using next generation sequencing data. Nucleic Acids Research, 2016, 44, e38-e38.	6.5	12
29	Genomic Landscape Survey Identifies SRSF1 as a Key Oncodriver in Small Cell Lung Cancer. PLoS Genetics, 2016, 12, e1005895.	1.5	144
30	HERC5 is a prognostic biomarker for post-liver transplant recurrent human hepatocellular carcinoma. Journal of Translational Medicine, 2015, 13, 379.	1.8	32
31	Antithymocyte Globulin Facilitates Alloreactive T-cell Apoptosis by Means of Caspase-3. Transplantation, 2015, 99, 164-170.	0.5	13
32	The Transcription Factor, T-bet, Primes Intestine Transplantation Rejection and Is Associated With Disrupted Mucosal Homeostasis. Transplantation, 2015, 99, 890-894.	0.5	8
33	Genomeâ€wide association studies in biliary atresia. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2015, 7, 267-273.	6.6	35
34	The Role of ARF6 in Biliary Atresia. PLoS ONE, 2015, 10, e0138381.	1.1	66
35	Suppression of T Cell Activation and Collagen Accumulation by an Anti-IFNAR1 mAb, Anifrolumab, in Adult Patients with Systemic Sclerosis. Journal of Investigative Dermatology, 2015, 135, 2402-2409.	0.3	73
36	Low-Frequency Coding Variants at 6p21.33 and 20q11.21 Are Associated with Lung Cancer Risk in Chinese Populations. American Journal of Human Genetics, 2015, 96, 832-840.	2.6	41

#	Article	IF	Citations
37	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
38	A high density of tertiary lymphoid structure B cells in lung tumors is associated with increased CD4+ T cell receptor repertoire clonality. OncoImmunology, 2015, 4, e1051922.	2.1	79
39	CD4+ T-Cell Profiles and Peripheral Blood Ex-Vivo Responses to T-Cell Directed Stimulation Delineate COPD Phenotypes. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2015, 2, 268-280.	0.5	12
40	Suppression of soluble T cell-associated proteins by an anti-interferon-Â monoclonal antibody in adult patients with dermatomyositis or polymyositis. Rheumatology, 2014, 53, 686-695.	0.9	31
41	MicroRNAâ€206 induces G1 arrest in melanoma by inhibition of CDK4 and Cyclin D. Pigment Cell and Melanoma Research, 2014, 27, 275-286.	1.5	64
42	The Plasma Cell Signature in Autoimmune Disease. Arthritis and Rheumatology, 2014, 66, 173-184.	2.9	47
43	Personalized Healthcare in Autoimmune Diseases. , 2014, , 51-71.		1
44	Application of Translational Science to Clinical Development. , 2014, , 1-21.		1
45	Inhibition of Myogenic MicroRNAs 1, 133, and 206 by Inflammatory Cytokines Links Inflammation and Muscle Degeneration in Adult Inflammatory Myopathies. Arthritis and Rheumatology, 2014, 66, 1022-1033.	2.9	107
46	A phase 1b clinical trial evaluating sifalimumab, an anti-IFN-Î± monoclonal antibody, shows target neutralisation of a type I IFN signature in blood of dermatomyositis and polymyositis patients. Annals of the Rheumatic Diseases, 2014, 73, 256-262.	0.5	144
47	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
48	Germinal center reentries of BCL2-overexpressing B cells drive follicular lymphoma progression. Journal of Clinical Investigation, 2014, 124, 5337-5351.	3.9	96
49	A microRNA Signature Predicts Response to Anti-CD19 Therapy (MEDI-551) in B-Cell Malignancies. Blood, 2014, 124, 2198-2198.	0.6	0
50	Molecular Profiling to Diagnose a Case of Atypical Dermatomyositis. Journal of Investigative Dermatology, 2013, 133, 2796-2799.	0.3	6
51	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
52	Sifalimumab, a Human Antiâ€"Interferonâ€Î± Monoclonal Antibody, in Systemic Lupus Erythematosus: A Phase I Randomized, Controlled, Doseâ€Escalation Study. Arthritis and Rheumatism, 2013, 65, 1011-1021.	6.7	238
53	Pharmacogenomics and Translational Simulations to Bridge Indications for an Anti-Interferon-Î± Receptor Antibody. Clinical Pharmacology and Therapeutics, 2013, 93, 483-492.	2.3	56
54	Relationship between disease activity and type 1 interferon- and other cytokine-inducible gene expression in blood in dermatomyositis and polymyositis. Genes and Immunity, 2012, 13, 207-213.	2.2	108

#	Article	IF	Citations
55	Mucosal Plasma Cell Barrier Disruption During Intestine Transplant Rejection. Transplantation, 2012, 94, 1236-1242.	0.5	6
56	Identification of microRNAâ€31 as a novel regulator contributing to impaired interleukinâ€2 production in T cells from patients with systemic lupus erythematosus. Arthritis and Rheumatism, 2012, 64, 3715-3725.	6.7	97
57	Genomic signatures characterize leukocyte infiltration in myositis muscles. BMC Medical Genomics, 2012, 5, 53.	0.7	33
58	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. PLoS ONE, 2012, 7, e49183.	1.1	7
59	A novel oncogenic role for the miRNA-506-514 cluster in initiating melanocyte transformation and promoting melanoma growth. Oncogene, 2012, 31, 1558-1570.	2.6	123
60	Allospecific CD154â€ƒ+â€ƒTâ€¢ytotoxic memory cells as potential surrogate for rejection risk in pediatric intestine transplantation. Pediatric Transplantation, 2012, 16, 83-91.	0.5	25
61	Identification of activated cytokine pathways in the blood of systemic lupus erythematosus, myositis, rheumatoid arthritis, and scleroderma patients. International Journal of Rheumatic Diseases, 2012, 15, 25-35.	0.9	56
62	Interferon and Biologic Signatures in Dermatomyositis Skin: Specificity and Heterogeneity across Diseases. PLoS ONE, 2012, 7, e29161.	1.1	149
63	CallSim: Evaluation of Base Calls Using Sequencing Simulation. , 2012, 2012, 1-10.		0
64	Gene Expression and Genetic Variation Data Implicate PCLO in Bipolar Disorder. Biological Psychiatry, 2011, 69, 353-359.	0.7	53
65	Increased Expression of Peripheral Blood Leukocyte Genes Implicate CD14+ Tissue Macrophages in Cellular Intestine Allograft Rejection. American Journal of Pathology, 2011, 179, 1929-1938.	1.9	22
66	Patients with systemic lupus erythematosus, myositis, rheumatoid arthritis and scleroderma share activation of a common type I interferon pathway. Annals of the Rheumatic Diseases, 2011, 70, 2029-2036.	0.5	341
67	Genomic Signatures of Strain Selection and Enhancement in Bacillus atrophaeus var. globigii, a Historical Biowarfare Simulant. PLoS ONE, 2011, 6, e17836.	1.1	41
68	Cellular alloresponses for rejection-risk assessment after pediatric transplantation. Current Opinion in Organ Transplantation, 2011, 16, 515-521.	0.8	3
69	Allospecific CD154+ T-Cytotoxic Memory Cells Identify Recipients Experiencing Acute Cellular Rejection After Renal Transplantation. Transplantation, 2011, 92, 433-438.	0.5	23
70	PheMaDB: A solution for storage, retrieval, and analysis of high throughput phenotype data. BMC Bioinformatics, 2011, 12, 109.	1.2	7
71	NOD2 Gene Polymorphism rs2066844 Associates With Need for Combined Liverâ€"Intestine Transplantation in Children With Short-Gut Syndrome. American Journal of Gastroenterology, 2011, 106, 157-165.	0.2	44
72	Altered Expression of Insulin Receptor Isoforms in Breast Cancer. PLoS ONE, 2011, 6, e26177.	1.1	50

#	ARTICLE	IF	CITATIONS
73	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
74	Proliferative Alloresponse of T Cytotoxic Cells Identifies Rejection-Prone Children With Small Bowel Transplantation. Transplantation, 2010, 89, 1371-1377.	0.5	11
75	Allospecific CD154+ B Cells Associate With Intestine Allograft Rejection in Children. Transplantation, 2010, 90, 1226-1231.	0.5	22
76	Interferon–stimulated gene 15 (<i>ISG15</i>) conjugates proteins in dermatomyositis muscle with perifascicular atrophy. Annals of Neurology, 2010, 67, 53-63.	2.8	153
77	A whole genome transcriptional analysis of the early immune response induced by live attenuated and inactivated influenza vaccines in young children. Vaccine, 2010, 28, 2865-2876.	1.7	57
78	Use of type I interferon-inducible mRNAs as pharmacodynamic markers and potential diagnostic markers in trials with sifalimumab, an anti-IFNα antibody, in systemic lupus erythematosus. Arthritis Research and Therapy, 2010, 12, S6.	1.6	67
79	Allospecific CD154+ T Cells Associate with Rejection Risk After Pediatric Liver Transplantation. American Journal of Transplantation, 2009, 9, 179-191.	2.6	70
80	Development of Potential Pharmacodynamic and Diagnostic Markers for Anti-IFN-α Monoclonal Antibody Trials in Systemic Lupus Erythematosus. Human Genomics and Proteomics, 2009, 1, .	1.5	100
81	Allospecific CD154+ T cells identify rejection-prone recipients after pediatric small-bowel transplantation. Surgery, 2009, 146, 166-173.	1.0	39
82	Proliferative alloresponse of T-cytotoxic cells identifies rejection-prone children with steroid-free liver transplantation. Liver Transplantation, 2009, 15, 978-985.	1.3	7
83	Neutralization of interferon–α/β–inducible genes and downstream effect in a phase I trial of an anti–interferon–α monoclonal antibody in systemic lupus erythematosus. Arthritis and Rheumatism, 2009, 60, 1785-1796.	6.7	257
84	Effects of typical and atypical antipsychotic drugs on gene expression profiles in the liver of schizophrenia subjects. BMC Psychiatry, 2009, 9, 57.	1.1	34
85	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
86	Expression profiles of schizophrenia susceptibility genes during human prefrontal cortical development. Journal of Psychiatry and Neuroscience, 2009, 34, 450-8.	1.4	47
87	Putative psychosis genes in the prefrontal cortex: combined analysis of gene expression microarrays. BMC Psychiatry, 2008, 8, 87.	1.1	48
88	Genetic Variants in Major Histocompatibility Complex-Linked Genes Associate With Pediatric Liver Transplant Rejection. Gastroenterology, 2008, 135, 830-839.e10.	0.6	28
89	Type I Interferon: Potential Therapeutic Target for Psoriasis?. PLoS ONE, 2008, 3, e2737.	1.1	260
90	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

#	Article	IF	Citations
91	Meta-analysis of 12 genomic studies in bipolar disorder. Journal of Molecular Neuroscience, 2007, 31, 221-243.	1.1	69
92	Spectral embedding finds meaningful (relevant) structure in image and microarray data. BMC Bioinformatics, 2006, 7, 74.	1.2	14
93	An online database for brain disease research. BMC Genomics, 2006, 7, 70.	1.2	101
94	Modeling the effects of a Staphylococcal Enterotoxin B (SEB) on the apoptosis pathway. BMC Microbiology, 2006, 6, 48.	1.3	15