

# Adam E Handel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1622010/publications.pdf>

Version: 2024-02-01

77  
papers

4,150  
citations

185998

28  
h-index

118652

62  
g-index

100  
all docs

100  
docs citations

100  
times ranked

6938  
citing authors

#	ARTICLE	IF	CITATIONS
1	A ChIP-seq defined genome-wide map of vitamin D receptor binding: Associations with disease and evolution. <i>Genome Research</i> , 2010, 20, 1352-1360.	2.4	737
2	Risk of venous thromboembolism in people admitted to hospital with selected immune-mediated diseases: record-linkage study. <i>BMC Medicine</i> , 2011, 9, 1.	2.3	440
3	An Updated Meta-Analysis of Risk of Multiple Sclerosis following Infectious Mononucleosis. <i>PLoS ONE</i> , 2010, 5, e12496.	1.1	260
4	Environmental factors and their timing in adult-onset multiple sclerosis. <i>Nature Reviews Neurology</i> , 2010, 6, 156-166.	4.9	228
5	Smoking and Multiple Sclerosis: An Updated Meta-Analysis. <i>PLoS ONE</i> , 2011, 6, e16149.	1.1	220
6	Rare variants in the <i>CYP27B1</i> gene are associated with multiple sclerosis. <i>Annals of Neurology</i> , 2011, 70, 881-886.	2.8	204
7	Epigenetics: molecular mechanisms and implications for disease. <i>Trends in Molecular Medicine</i> , 2010, 16, 7-16.	3.5	180
8	The psychopathology of NMDAR-antibody encephalitis in adults: a systematic review and phenotypic analysis of individual patient data. <i>Lancet Psychiatry</i> , 2019, 6, 235-246.	3.7	162
9	Foxn1 regulates key target genes essential for T cell development in postnatal thymic epithelial cells. <i>Nature Immunology</i> , 2016, 17, 1206-1215.	7.0	142
10	Reproducibility of Molecular Phenotypes after Long-Term Differentiation to Human iPSC-Derived Neurons: A Multi-Site Omics Study. <i>Stem Cell Reports</i> , 2018, 11, 897-911.	2.3	135
11	Ageing compromises mouse thymus function and remodels epithelial cell differentiation. <i>ELife</i> , 2020, 9, .	2.8	92
12	Assessing similarity to primary tissue and cortical layer identity in induced pluripotent stem cell-derived cortical neurons through single-cell transcriptomics. <i>Human Molecular Genetics</i> , 2016, 25, 989-1000.	1.4	86
13	National survey of UK medical students on the perception of neurology. <i>BMC Medical Education</i> , 2014, 14, 225.	1.0	71
14	Vitamin D receptor ChIP-seq in primary CD4+ cells: relationship to serum 25-hydroxyvitamin D levels and autoimmune disease. <i>BMC Medicine</i> , 2013, 11, 163.	2.3	59
15	Heterogeneity in Multiple Sclerosis: Scratching the Surface of a Complex Disease. <i>Autoimmune Diseases</i> , 2011, 2011, 1-12.	2.7	55
16	Genetic and environmental factors and the distribution of multiple sclerosis in Europe. <i>European Journal of Neurology</i> , 2010, 17, 1210-1214.	1.7	52
17	Weekend admissions as an independent predictor of mortality: an analysis of Scottish hospital admissions. <i>BMJ Open</i> , 2012, 2, e001789.	0.8	49
18	Meta-Analysis of the Relationship between Multiple Sclerosis and Migraine. <i>PLoS ONE</i> , 2012, 7, e45295.	1.1	49

#	ARTICLE	IF	CITATIONS
19	EBNA2 Binds to Genomic Intervals Associated with Multiple Sclerosis and Overlaps with Vitamin D Receptor Occupancy. PLoS ONE, 2015, 10, e0119605.	1.1	49
20	A causal role for TRESK loss of function in migraine mechanisms. Brain, 2019, 142, 3852-3867.	3.7	49
21	Epigenetic mechanisms in multiple sclerosis and the major histocompatibility complex (MHC). Discovery Medicine, 2011, 11, 187-96.	0.5	43
22	Is Lamarckian evolution relevant to medicine?. BMC Medical Genetics, 2010, 11, 73.	2.1	37
23	Of mice and men: experimental autoimmune encephalitis and multiple sclerosis. European Journal of Clinical Investigation, 2011, 41, 1254-1258.	1.7	37
24	Type 1 diabetes mellitus and multiple sclerosis: common etiological features. Nature Reviews Endocrinology, 2009, 5, 655-664.	4.3	34
25	Clinical features which predict neuronal surface autoantibodies in new-onset focal epilepsy: implications for immunotherapies. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 291-294.	0.9	34
26	Cervical lymph nodes and ovarian teratomas as germinal centres in NMDA receptor-antibody encephalitis. Brain, 2022, 145, 2742-2754.	3.7	33
27	The Effect of Single Nucleotide Polymorphisms from Genome Wide Association Studies in Multiple Sclerosis on Gene Expression. PLoS ONE, 2010, 5, e10142.	1.1	32
28	High reprint orders in medical journals and pharmaceutical industry funding: case-control study. BMJ, The, 2012, 344, e4212-e4212.	3.0	32
29	Multiple sclerosis and risk of cancer: a meta-analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 1413-1414.	0.9	31
30	No evidence for an effect of DNA methylation on multiple sclerosis severity at HLA-DRB1*15 or HLA-DRB5. Journal of Neuroimmunology, 2010, 223, 120-123.	1.1	25
31	The role of thymic tolerance in CNS autoimmune disease. Nature Reviews Neurology, 2018, 14, 723-734.	4.9	25
32	Seasonality of admissions with multiple sclerosis in Scotland. European Journal of Neurology, 2011, 18, 1109-1111.	1.7	23
33	The Epidemiology of Multiple Sclerosis in Scotland: Inferences from Hospital Admissions. PLoS ONE, 2011, 6, e14606.	1.1	21
34	DNase hypersensitive sites and association with multiple sclerosis. Human Molecular Genetics, 2014, 23, 942-948.	1.4	21
35	Rituximab abrogates aquaporin-4-specific germinal center activity in patients with neuromyelitis optica spectrum disorders. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	21
36	Vitamin D supplementation and antibodies against the Epstein-Barr virus in multiple sclerosis patients. Multiple Sclerosis Journal, 2013, 19, 1679-1680.	1.4	20

#	ARTICLE	IF	CITATIONS
37	Geography of hospital admissions for multiple sclerosis in England and comparison with the geography of hospital admissions for infectious mononucleosis: a descriptive study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 682-687.	0.9	19
38	Season of birth and anorexia nervosa. <i>British Journal of Psychiatry</i> , 2011, 198, 404-405.	1.7	18
39	Next-generation sequencing in understanding complex neurological disease. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 215-227.	1.4	18
40	Targeted single-cell RNA sequencing of transcription factors enhances the identification of cell types and trajectories. <i>Genome Research</i> , 2021, 31, 1069-1081.	2.4	18
41	Frequency of MOG-IgG in cerebrospinal fluid versus serum. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 334-335.	0.9	18
42	Determination of the real effect of genes identified in GWAS: the example of IL2RA in multiple sclerosis. <i>European Journal of Human Genetics</i> , 2012, 20, 321-325.	1.4	17
43	Comprehensively Profiling the Chromatin Architecture of Tissue Restricted Antigen Expression in Thymic Epithelial Cells Over Development. <i>Frontiers in Immunology</i> , 2018, 9, 2120.	2.2	17
44	GPC5 and lung cancer in multiple sclerosis. <i>Lancet Oncology</i> , The, 2010, 11, 714.	5.1	16
45	The crystal structure of human forkhead box N1 in complex with DNA reveals the structural basis for forkhead box family specificity. <i>Journal of Biological Chemistry</i> , 2020, 295, 2948-2958.	1.6	16
46	Keratinocyte growth factor impairs human thymic recovery from lymphopenia. <i>JCI Insight</i> , 2019, 4, .	2.3	16
47	Contribution of genetic, epigenetic and transcriptomic differences to twin discordance in multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 1379-1381.	1.4	15
48	Vitamin D and multiple sclerosis: an interaction between genes and environment. <i>Multiple Sclerosis Journal</i> , 2012, 18, 2-4.	1.4	13
49	Multiple sclerosis and lung cancer: an unexpected inverse association. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2010, 103, 625-626.	0.2	11
50	Tuberculosis and diabetes mellitus: is vitamin D the missing link?. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 596.	4.6	10
51	Estrogen-vitamin D interaction in multiple sclerosis. <i>Fertility and Sterility</i> , 2011, 95, e3.	0.5	10
52	Targeted RNA sequencing enhances gene expression profiling of ultra-low input samples. <i>RNA Biology</i> , 2020, 17, 1741-1753.	1.5	10
53	The contribution of thymic tolerance to central nervous system autoimmunity. <i>Seminars in Immunopathology</i> , 2021, 43, 135-157.	2.8	10
54	FOXN1 forms higher-order nuclear condensates displaced by mutations causing immunodeficiency. <i>Science Advances</i> , 2021, 7, eabj9247.	4.7	10

#	ARTICLE	IF	CITATIONS
55	Revisiting the T-cell receptor alpha/delta locus and possible associations with multiple sclerosis. <i>Genes and Immunity</i> , 2011, 12, 59-66.	2.2	9
56	Vitamin D and multiple sclerosis hospital admissions in Scotland. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2011, 104, 1001-1003.	0.2	8
57	Integrating multiple oestrogen receptor alpha ChIP studies: overlap with disease susceptibility regions, DNase I hypersensitivity peaks and gene expression. <i>BMC Medical Genomics</i> , 2013, 6, 45.	0.7	7
58	Indispensable epigenetic control of thymic epithelial cell development and function by polycomb repressive complex 2. <i>Nature Communications</i> , 2021, 12, 3933.	5.8	7
59	Public Health Implications of Epigenetics. <i>Genetics</i> , 2009, 182, 1397-1398.	1.2	6
60	Smoking and Multiple Sclerosis: A Matter of Global Importance. <i>Neuroepidemiology</i> , 2011, 37, 243-244.	1.1	6
61	The chaperonin CCT8 controls proteostasis essential for T cell maturation, selection, and function. <i>Communications Biology</i> , 2021, 4, 681.	2.0	6
62	Developmental dynamics of the neural crestâ€‘mesenchymal axis in creating the thymic microenvironment. <i>Science Advances</i> , 2022, 8, eabm9844.	4.7	6
63	The questionable effectiveness of sunscreen. <i>Lancet, The</i> , 2010, 376, 161-162.	6.3	5
64	Has neurology been demystified?. <i>Lancet, The</i> , 2009, 373, 1763-1764.	6.3	4
65	The Potential Role of Major Histocompatibility Complex Class I in Schizophrenia. <i>Biological Psychiatry</i> , 2010, 68, e29-e30.	0.7	4
66	Most brain disease-associated and eQTL haplotypes are not located within transcription factor DNase-seq footprints in brain. <i>Human Molecular Genetics</i> , 2016, 26, ddw369.	1.4	4
67	Comment on â€œIdentification of an Intronic Regulatory Element Necessary for Tissue-Specific Expression of <i>Foxn1</i> in Thymic Epithelial Cellsâ€‘. <i>Journal of Immunology</i> , 2019, 203, 2355-2355.	0.4	4
68	Haiti: The potential transgenerational effect of disasters. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2011, 104, 69-71.	0.2	3
69	Concealed effects of geneâ€‘environment interactions in genome-wide association. <i>Multiple Sclerosis and Related Disorders</i> , 2012, 1, 39-42.	0.9	3
70	Visceral obesity and brain volume. <i>Annals of Neurology</i> , 2010, 68, 770-771.	2.8	2
71	Inequities in advice on vitamin D?. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2011, 104, 547-549.	0.2	2
72	Comment on â€œEpigenetic Reduction in Invariant NKT Cells following In Utero Vitamin D Deficiency in Miceâ€‘. <i>Journal of Immunology</i> , 2011, 186, 3803-3804.	0.4	2

#	ARTICLE	IF	CITATIONS
73	Bioinformatics Analysis of Estrogen-Responsive Genes. <i>Methods in Molecular Biology</i> , 2016, 1366, 29-39.	0.4	2
74	Variants in ST8SIA1 do not play a major role in susceptibility to multiple sclerosis in Canadian families. <i>Journal of Neuroimmunology</i> , 2009, 212, 142-144.	1.1	1
75	Comment on "Gender Differences in 1,25 Dihydroxyvitamin D3 Immunomodulatory Effects in Multiple Sclerosis Patients and Healthy Subjects". <i>Journal of Immunology</i> , 2011, 186, 647-647.	0.4	1
76	Association Between Maternal Height and Childhood Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 638.	3.8	0
77	SURVEY OF UK MEDICAL STUDENTS ON THE PERCEPTION OF NEUROLOGY. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, e4.157-e4.	0.9	0