Adam E Handel

List of Publications by Year
in descending order

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	Frequency of MOG-IgG in cerebrospinal fluid versus serum. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 334-335.	0.9	18
2	Cervical lymph nodes and ovarian teratomas as germinal centres in NMDA receptor-antibody encephalitis. Brain, 2022, 145, 2742-2754.	3.7	33
3	Developmental dynamics of the neural crestâ€“mesenchymal axis in creating the thymic microenvironment. Science Advances, 2022, 8, eabm9844.	4.7	6
4	Rituximab abrogates aquaporin-4â€“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
5	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
6	The contribution of thymic tolerance to central nervous system autoimmunity. Seminars in Immunopathology, 2021, 43, 135-157.	2.8	10
7	Targeted single-cell RNA sequencing of transcription factors enhances the identification of cell types and trajectories. Genome Research, 2021, 31, 1069-1081.	2.4	18
8	The chaperonin CCT8 controls proteostasis essential for T cell maturation, selection, and function. Communications Biology, 2021, 4, 681.	2.0	6
9	Indispensable epigenetic control of thymic epithelial cell development and function by polycomb repressive complex 2. Nature Communications, 2021, 12, 3933.	5.8	7
10	FOXN1 forms higher-order nuclear condensates displaced by mutations causing immunodeficiency. Science Advances, 2021, 7, eabj9247.	4.7	10
11	Targeted RNA sequencing enhances gene expression profiling of ultra-low input samples. RNA Biology, 2020, 17, 1741-1753.	1.5	10
12	The crystal structure of human forkhead box N1 in complex with DNA reveals the structural basis for forkhead box family specificity. Journal of Biological Chemistry, 2020, 295, 2948-2958.	1.6	16
13	Ageing compromises mouse thymus function and remodels epithelial cell differentiation. ELife, 2020, 9, .	2.8	92
14	Comment on â€œIdentification of an Intronic Regulatory Element Necessary for Tissue-Specific Expression of Foxn1 in Thymic Epithelial Cellsâ€• Journal of Immunology, 2019, 203, 2355-2355.	0.4	4
15	The psychopathology of NMDAR-antibody encephalitis in adults: a systematic review and phenotypic analysis of individual patient data. Lancet Psychiatry,the, 2019, 6, 235-246.	3.7	162
16	A causal role for TRESK loss of function in migraine mechanisms. Brain, 2019, 142, 3852-3867.	3.7	49
17	Keratinocyte growth factor impairs human thymic recovery from lymphopenia. JCI Insight, 2019, 4, .	2.3	16
18	The role of thymic tolerance in CNS autoimmune disease. Nature Reviews Neurology, 2018, 14, 723-734.	4.9	25

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19	Comprehensively Profiling the Chromatin Architecture of Tissue Restricted Antigen Expression in Thymic Epithelial Cells Over Development. Frontiers in Immunology, 2018, 9, 2120.	2.2	17
20	Reproducibility of Molecular Phenotypes after Long-Term Differentiation toÂHuman iPSC-Derived Neurons: A Multi-Site Omics Study. Stem Cell Reports, 2018, 11, 897-911.	2.3	135
21	Foxn1 regulates key target genes essential for T cell development in postnatal thymic epithelial cells. Nature Immunology, 2016, 17, 1206-1215.	7.0	142
22	Most brain disease-associated and eQTL haplotypes are not located within transcription factor DNase-seq footprints in brain. Human Molecular Genetics, 2016, 26, ddw369.	1.4	4
23	Assessing similarity to primary tissue and cortical layer identity in induced pluripotent stem cell-derived cortical neurons through single-cell transcriptomics. Human Molecular Genetics, 2016, 25, 989-1000.	1.4	86
24	Bioinformatics Analysis of Estrogen-Responsive Genes. Methods in Molecular Biology, 2016, 1366, 29-39.	0.4	2
25	EBNA2 Binds to Genomic Intervals Associated with Multiple Sclerosis and Overlaps with Vitamin D Receptor Occupancy. PLoS ONE, 2015, 10, e0119605.	1.1	49
26	SURVEY OF UK MEDICAL STUDENTS ON THE PERCEPTION OF NEUROLOGY. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, e4.157-e4.	0.9	0
27	National survey of UK medical students on the perception of neurology. BMC Medical Education, 2014, 14, 225.	1.0	71
28	DNase hypersensitive sites and association with multiple sclerosis. Human Molecular Genetics, 2014, 23, 942-948.	1.4	21
29	Vitamin D receptor ChIP-seq in primary CD4+ cells: relationship to serum 25-hydroxyvitamin D levels and autoimmune disease. BMC Medicine, 2013, 11, 163.	2.3	59
30	Next-generation sequencing in understanding complex neurological disease. Expert Review of Neurotherapeutics, 2013, 13, 215-227.	1.4	18
31	Integrating multiple oestrogen receptor alpha ChIP studies: overlap with disease susceptibility regions, DNase I hypersensitivity peaks and gene expression. BMC Medical Genomics, 2013, 6, 45.	0.7	7
32	Vitamin D supplementation and antibodies against the Epstein-Barr virus in multiple sclerosis patients. Multiple Sclerosis Journal, 2013, 19, 1679-1680.	1.4	20
33	High reprint orders in medical journals and pharmaceutical industry funding: case-control study. BMJ, The, 2012, 344, e4212-e4212.	3.0	32
34	Determination of the real effect of genes identified in GWAS: the example of IL2RA in multiple sclerosis. European Journal of Human Genetics, 2012, 20, 321-325.	1.4	17
35	Weekend admissions as an independent predictor of mortality: an analysis of Scottish hospital admissions. BMJ Open, 2012, 2, e001789.	0.8	49
36	Vitamin D and multiple sclerosis: an interaction between genes and environment. Multiple Sclerosis Journal, 2012, 18, 2-4.	1.4	13

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37	Meta-Analysis of the Relationship between Multiple Sclerosis and Migraine. PLoS ONE, 2012, 7, e45295.	1.1	49
38	Concealed effects of geneâ€“environment interactions in genome-wide association. Multiple Sclerosis and Related Disorders, 2012, 1, 39-42.	0.9	3
39	Estrogenâ€“vitamin D interaction in multiple sclerosis. Fertility and Sterility, 2011, 95, e3.	0.5	10
40	The Epidemiology of Multiple Sclerosis in Scotland: Inferences from Hospital Admissions. PLoS ONE, 2011, 6, e14606.	1.1	21
41	Smoking and Multiple Sclerosis: An Updated Meta-Analysis. PLoS ONE, 2011, 6, e16149.	1.1	220
42	Vitamin D and multiple sclerosis hospital admissions in Scotland. QJM - Monthly Journal of the Association of Physicians, 2011, 104, 1001-1003.	0.2	8
43	Season of birth and anorexia nervosa. British Journal of Psychiatry, 2011, 198, 404-405.	1.7	18
44	Of mice and men: experimental autoimmune encephalitis and multiple sclerosis. European Journal of Clinical Investigation, 2011, 41, 1254-1258.	1.7	37
45	Seasonality of admissions with multiple sclerosis in Scotland. European Journal of Neurology, 2011, 18, 1109-1111.	1.7	23
46	Revisiting the T-cell receptor alpha/delta locus and possible associations with multiple sclerosis. Genes and Immunity, 2011, 12, 59-66.	2.2	9
47	Risk of venous thromboembolism in people admitted to hospital with selected immune-mediated diseases: record-linkage study. BMC Medicine, 2011, 9, 1.	2.3	440
48	Rare variants in the CYP27B1 gene are associated with multiple sclerosis. Annals of Neurology, 2011, 70, 881-886.	2.8	204
49	Heterogeneity in Multiple Sclerosis: Scratching the Surface of a Complex Disease. Autoimmune Diseases, 2011, 2011, 1-12.	2.7	55
50	Smoking and Multiple Sclerosis: A Matter of Global Importance. Neuroepidemiology, 2011, 37, 243-244.	1.1	6
51	Geography of hospital admissions for multiple sclerosis in England and comparison with the geography of hospital admissions for infectious mononucleosis: a descriptive study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 682-687.	0.9	19
52	Haiti: The potential transgenerational effect of disasters. QJM - Monthly Journal of the Association of Physicians, 2011, 104, 69-71.	0.2	3
53	Inequities in advice on vitamin D?. QJM - Monthly Journal of the Association of Physicians, 2011, 104, 547-549.	0.2	2
54	Comment on â€œGender Differences in 1,25 Dihydroxyvitamin D3 Immunomodulatory Effects in Multiple Sclerosis Patients and Healthy Subjectsâ€• Journal of Immunology, 2011, 186, 647-647.	0.4	1

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55	Comment on â€œEpigenetic Reduction in Invariant NKT Cells following In Utero Vitamin D Deficiency in Miceâ€. Journal of Immunology, 2011, 186, 3803-3804.	0.4	2
56	Epigenetic mechanisms in multiple sclerosis and the major histocompatibility complex (MHC). Discovery Medicine, 2011, 11, 187-96.	0.5	43
57	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
58	Visceral obesity and brain volume. Annals of Neurology, 2010, 68, 770-771.	2.8	2
59	Is Lamarckian evolution relevant to medicine?. BMC Medical Genetics, 2010, 11, 73.	2.1	37
60	Genetic and environmental factors and the distribution of multiple sclerosis in Europe. European Journal of Neurology, 2010, 17, 1210-1214.	1.7	52
61	A ChIP-seq defined genome-wide map of vitamin D receptor binding: Associations with disease and evolution. Genome Research, 2010, 20, 1352-1360.	2.4	737
62	Association Between Maternal Height and Childhood Outcomes. JAMA - Journal of the American Medical Association, 2010, 304, 638.	3.8	0
63	Environmental factors and their timing in adult-onset multiple sclerosis. Nature Reviews Neurology, 2010, 6, 156-166.	4.9	228
64	Multiple sclerosis and lung cancer: an unexpected inverse association. QJM - Monthly Journal of the Association of Physicians, 2010, 103, 625-626.	0.2	11
65	The Potential Role of Major Histocompatibility Complex Class I in Schizophrenia. Biological Psychiatry, 2010, 68, e29-e30.	0.7	4
66	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
67	Multiple sclerosis and risk of cancer: a meta-analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 1413-1414.	0.9	31
68	Epigenetics: molecular mechanisms and implications for disease. Trends in Molecular Medicine, 2010, 16, 7-16.	3.5	180
69	The questionable effectiveness of sunscreen. Lancet, The, 2010, 376, 161-162.	6.3	5
70	GPC5 and lung cancer in multiple sclerosis. Lancet Oncology, The, 2010, 11, 714.	5.1	16
71	Tuberculosis and diabetes mellitus: is vitamin D the missing link?. Lancet Infectious Diseases, The, 2010, 10, 596.	4.6	10
72	Contribution of genetic, epigenetic and transcriptomic differences to twin discordance in multiple sclerosis. Expert Review of Neurotherapeutics, 2010, 10, 1379-1381.	1.4	15

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73	An Updated Meta-Analysis of Risk of Multiple Sclerosis following Infectious Mononucleosis. PLoS ONE, 2010, 5, e12496.	1.1	260
74	Public Health Implications of Epigenetics. Genetics, 2009, 182, 1397-1398.	1.2	6
75	Variants in ST8SIA1 do not play a major role in susceptibility to multiple sclerosis in Canadian families. Journal of Neuroimmunology, 2009, 212, 142-144.	1.1	1
76	Type 1 diabetes mellitus and multiple sclerosis: common etiological features. Nature Reviews Endocrinology, 2009, 5, 655-664.	4.3	34
77	Has neurology been demystified?. Lancet, The, 2009, 373, 1763-1764.	6.3	4