Albert C Yang

List of Publications by Year
in descending order

114 papers	4,039 citations	117625 34 h-index	149698 56 g-index
119 all docs	119 docs citations	119 times ranked	6351 citing authors

#	Article	IF	Citations
1	The moderating effect of personality traits on acute tinnitus sensation in idiopathic sudden sensorineural hearing loss. Journal of the Chinese Medical Association, 2022, 85, 633-638.	1.4	2
2	Brain white matter hyperintensities-predicted age reflects neurovascular health in middle-to-old aged subjects. Age and Ageing, 2022, 51, .	1.6	4
3	Difficulty in initiating sleep is associated with poor morning cardiovascular function. Psychiatry Research, 2021, 295, 113518.	3.3	8
4	Remission of depression is associated with asymmetric hemispheric variation in EEG complexity before antidepressant treatment. Journal of Affective Disorders, 2021, 281, 872-879.	4.1	2
5	Phenotyping Neuropsychiatric Symptoms Profiles of Alzheimer's Disease Using Cluster Analysis on EEG Power. Frontiers in Aging Neuroscience, 2021, 13, 623930.	3.4	4
6	Prediction of Probable Major Depressive Disorder in the Taiwan Biobank: An Integrated Machine Learning and Genome-Wide Analysis Approach. Journal of Personalized Medicine, 2021, 11, 597.	2.5	6
7	Genome-wide association study in the Taiwan Biobank identifies four novel genes for human height: *NABP2, R*A*SA2, RNF41* and *SLC39A5*. Human Molecular Genetics, 2021, 30, 2362-2369.	2.9	3
8	An association study in the Taiwan Biobank elicits three novel candidates for cognitive aging in old adults: NCAM1, TTC12 and ZBTB20. Aging, 2021, 13, 18769-18788.	3.1	3
9	Predicting Norovirus in the United States Using Google Trends: Infodemiology Study. Journal of Medical Internet Research, 2021, 23, e24554.	4.3	15
10	An association study in the Taiwan Biobank elicits the GABAA receptor genes GABRB3, GABRA5, and GABRG3 as candidate loci for sleep duration in the Taiwanese population. BMC Medical Genomics, 2021, 14, 223.	1.5	1
11	Alteration of power law scaling of spontaneous brain activity in schizophrenia. Schizophrenia Research, 2021, 238, 10-19.	2.0	5
12	Role of Heart Rate Variability in Association Between Glomerular Hyperfiltration and All-Cause Mortality. Journal of the American Heart Association, 2021, 10, e021585.	3.7	1
13	Functional, Anatomical, and Morphological Networks Highlight the Role of Basal Ganglia–Thalamus–Cortex Circuits in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 422-431.	4.3	26
14	Heart rate variability and surgical pleth index under anesthesia in poor and normal sleepers. Journal of Clinical Monitoring and Computing, 2020, 34, 1311-1319.	1.6	6
15	Active Cigarette Smoking Is Associated With an Exacerbation of Genetic Susceptibility to Diabetes. Diabetes, 2020, 69, 2819-2829.	0.6	11
16	Decomposed Temporal Complexity Analysis of Neural Oscillations and Machine Learning Applied to Alzheimer's Disease Diagnosis. Frontiers in Psychiatry, 2020, 11, 531801.	2.6	3
17	Prediction of Antidepressant Treatment Response and Remission Using an Ensemble Machine Learning Framework. Pharmaceuticals, 2020, 13, 305.	3.8	20
18	Sleep state instabilities in patients with periodic limb movements in sleep - Detection and quantification with heart rate variability. Psychiatry Research, 2020, 293, 113454.	3.3	2

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19	Development of an AI-Based Web Diagnostic System for Phenotyping Psychiatric Disorders. Frontiers in Psychiatry, 2020, 11, 542394.	2.6	10
20	An association study in the Taiwan Biobank reveals RORA as a novel locus for sleep duration in the Taiwanese Population. Sleep Medicine, 2020, 73, 70-75.	1.6	13
21	CUX2, BRAP and ALDH2 are associated with metabolic traits in people with excessive alcohol consumption. Scientific Reports, 2020, 10, 18118.	3.3	6
22	Analysis of economic growth fluctuations based on EEMD and causal decomposition. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124661.	2.6	15
23	Large-Scale Structural Covariance Networks Predict Age in Middle-to-Late Adulthood: A Novel Brain Aging Biomarker. Cerebral Cortex, 2020, 30, 5844-5862.	2.9	26
24	Age-related changes in the association of resting-state fMRI signal variability and global functional connectivity in non-demented healthy people. Psychiatry Research, 2020, 291, 113257.	3.3	6
25	Discrimination of Severity of Alzheimer's Disease with Multiscale Entropy Analysis of EEG Dynamics. Applied Sciences (Switzerland), 2020, 10, 1244.	2.5	8
26	Association between polygenic liability for schizophrenia and substance involvement: A nationwide population‐based study in Taiwan. Genes, Brain and Behavior, 2020, 19, e12639.	2.2	9
27	Beyond the disconnectivity hypothesis of schizophrenia. Cerebral Cortex, 2020, 30, 1213-1233.	2.9	27
28	Sex-specific autosomal genetic effects across 26 human complex traits. Human Molecular Genetics, 2020, 29, 1218-1228.	2.9	7
29	Symbolic dynamics of electroencephalography is associated with the sleep depth and overall sleep quality in healthy adults. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 22-31.	2.6	8
30	Performing different kinds of physical exercise differentially attenuates the genetic effects on obesity measures: Evidence from 18,424 Taiwan Biobank participants. PLoS Genetics, 2019, 15, e1008277.	3.5	54
31	Risk of Depressive Disorders Following Myasthenia Gravis: A Nationwide Population-Based Retrospective Cohort Study. Frontiers in Psychiatry, 2019, 10, 481.	2.6	16
32	Association and Interaction Effects of Interleukin-12 Related Genes and Physical Activity on Cognitive Aging in Old Adults in the Taiwanese Population. Frontiers in Neurology, 2019, 10, 1065.	2.4	22
33	Polymorphisms of the DNA repair gene EXO1 modulate cognitive aging in old adults in a Taiwanese population. DNA Repair, 2019, 78, 1-6.	2.8	12
34	Topological reorganization of EEG functional network is associated with the severity and cognitive impairment in Alzheimer's disease. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 588-597.	2.6	7
35	A powerful and efficient multivariate approach for voxel-level connectome-wide association studies. NeuroImage, 2019, 188, 628-641.	4.2	8
36	Increased functional connectivity of the posterior cingulate cortex with the lateral orbitofrontal cortex in depression. Translational Psychiatry, 2018, 8, 90.	4.8	79

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37	Nonlinear pattern of the emergence of white matter hyperintensity in healthy Han Chinese: an adult lifespan study. Neurobiology of Aging, 2018, 67, 99-107.	3.1	18
38	The Effects of Tai Chi on Sleep Quality in Chinese American Patients With Major Depressive Disorder: A Pilot Study. Behavioral Sleep Medicine, 2018, 16, 398-411.	2.1	13
39	Nonlinear dynamical analysis of sleep electroencephalography using fractal and entropy approaches. Sleep Medicine Reviews, 2018, 37, 85-93.	8.5	113
40	Effective Connectivity in Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 187-197.	1.5	42
41	Measuring Brain Complexity During Neural Motor Resonance. Frontiers in Neuroscience, 2018, 12, 758.	2.8	7
42	Topological Pattern Recognition of Severe Alzheimer's Disease via Regularized Supervised Learning of EEG Complexity. Frontiers in Neuroscience, 2018, 12, 685.	2.8	28
43	Atopic diseases/diathesis and subsequent ischemic stroke among patients with bipolar disorder: A nationwide longitudinal study. PLoS ONE, 2018, 13, e0200682.	2.5	1
44	Callosal and subcortical white matter alterations in schizophrenia: A diffusion tensor imaging study at multiple levels. NeuroImage: Clinical, 2018, 20, 594-602.	2.7	12
45	Functional connectivity of the human amygdala in health and in depression. Social Cognitive and Affective Neuroscience, 2018, 13, 557-568.	3.0	51
46	Functional brain lateralization in schizophrenia based on the variability of resting-state fMRI signal. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 86, 114-121.	4.8	24
47	A Deep Learning Approach for Predicting Antidepressant Response in Major Depression Using Clinical and Genetic Biomarkers. Frontiers in Psychiatry, 2018, 9, 290.	2.6	122
48	A Strategy to Reduce Bias of Entropy Estimates in Resting-State fMRI Signals. Frontiers in Neuroscience, 2018, 12, 398.	2.8	26
49	Causal decomposition in the mutual causation system. Nature Communications, 2018, 9, 3378.	12.8	43
50	Frequency and amplitude modulation of resting-state fMRI signals and their functional relevance in normal aging. Neurobiology of Aging, 2018, 70, 59-69.	3.1	25
51	Combining multi-modality data for searching biomarkers in schizophrenia. PLoS ONE, 2018, 13, e0191202.	2.5	22
52	The rs1277306 Variant of the REST Gene Confers Susceptibility to Cognitive Aging in an Elderly Taiwanese Population. Dementia and Geriatric Cognitive Disorders, 2017, 43, 119-127.	1.5	18
53	Symptomatic menopausal transition and subsequent bipolar disorder among midlife women with major depression: a nationwide longitudinal study. Archives of Women's Mental Health, 2017, 20, 463-468.	2.6	6
54	Bidirectional association between Bell's palsy and anxiety disorders: A nationwide population-based retrospective cohort study. Journal of Affective Disorders, 2017, 215, 269-273.	4.1	24

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55	Transforming growth factor-β signaling pathway-associated genes SMAD2 and TGFBR2 are implicated in metabolic syndrome in a Taiwanese population. Scientific Reports, 2017, 7, 13589.	3.3	33
56	Quality and readability of online information resources on insomnia. Frontiers of Medicine, 2017, 11, 423-431.	3.4	12
57	Neural complexity as a potential translational biomarker for psychosis. Journal of Affective Disorders, 2017, 216, 89-99.	4.1	46
58	Association and interaction effects of Alzheimer's disease-associated genes and lifestyle on cognitive aging in older adults in a Taiwanese population. Oncotarget, 2017, 8, 24077-24087.	1.8	39
59	The ADAMTS9 gene is associated with cognitive aging in the elderly in a Taiwanese population. PLoS ONE, 2017, 12, e0172440.	2.5	22
60	Effects of circadian clock genes and health-related behavior on metabolic syndrome in a Taiwanese population: Evidence from association and interaction analysis. PLoS ONE, 2017, 12, e0173861.	2.5	27
61	Effects of circadian clock genes and environmental factors on cognitive aging in old adults in a Taiwanese population. Oncotarget, 2017, 8, 24088-24098.	1.8	20
62	Detection of susceptibility loci on *APOA5* and *COLEC12* associated with metabolic syndrome using a genome-wide association study in a Taiwanese population. Oncotarget, 2017, 8, 93349-93359.	1.8	27
63	The Association of Aging with White Matter Integrity and Functional Connectivity Hubs. Frontiers in Aging Neuroscience, 2016, 8, 143.	3.4	41
64	Risk of uterine, ovarian and breast cancer following pelvic inflammatory disease: a nationwide population-based retrospective cohort study. BMC Cancer, 2016, 16, 839.	2.6	17
65	Risk of depressive disorders following sudden sensorineural hearing loss: A nationwide population-based retrospective cohort study. Journal of Affective Disorders, 2016, 197, 94-99.	4.1	43
66	Risk for developing dementia among patients with posttraumatic stress disorder: A nationwide longitudinal study. Journal of Affective Disorders, 2016, 205, 306-310.	4.1	37
67	Additive Value of Heart Rate Variability in Predicting Obstructive Coronary Artery Disease Beyond Framingham Risk. Circulation Journal, 2016, 80, 494-501.	1.6	16
68	Medial reward and lateral non-reward orbitofrontal cortex circuits change in opposite directions in depression. Brain, 2016, 139, 3296-3309.	7.6	224
69	Association and interaction of APOA5, BUD13, CETP, LIPA and health-related behavior with metabolic syndrome in a Taiwanese population. Scientific Reports, 2016, 6, 36830.	3.3	44
70	Risk of Psychiatric Disorders following Ankylosing Spondylitis: A Nationwide Population-based Retrospective Cohort Study. Journal of Rheumatology, 2016, 43, 625-631.	2.0	63
71	Risk of developing major depression and anxiety disorders among women with endometriosis: A longitudinal follow-up study. Journal of Affective Disorders, 2016, 190, 282-285.	4.1	133
72	Heart Rate Variability Is Associated with Exercise Capacity in Patients with Cardiac Syndrome X. PLoS ONE, 2016, 11, e0144935.	2.5	9

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73	Patients with migraine are right about their perception of temperature as a trigger: time series analysis of headache diary data. Journal of Headache and Pain, 2015, 16, 533.	6.0	24
74	Risk of Psychiatric Disorders Following Primary SjÃ¶gren Syndrome: A Nationwide Population-based Retrospective Cohort Study. Journal of Rheumatology, 2015, 42, 1203-1208.	2.0	32
75	Decreased resting–state brain activity complexity in schizophrenia characterized by both increased regularity and randomness. Human Brain Mapping, 2015, 36, 2174-2186.	3.6	65
76	A Nationwide Population-Based Retrospective Cohort Study of the Risk of Uterine, Ovarian and Breast Cancer in Women With Polycystic Ovary Syndrome. Oncologist, 2015, 20, 45-49.	3.7	54
77	Publication analysis on insomnia: how much has been done in the past two decades?. Sleep Medicine, 2015, 16, 820-826.	1.6	34
78	Risk of developing major depressive disorder and anxiety disorders among adolescents and adults with atopic dermatitis: A nationwide longitudinal study. Journal of Affective Disorders, 2015, 178, 60-65.	4.1	95
79	Comorbidity of ADHD and suicide attempts among adolescents and young adults with bipolar disorder: A nationwide longitudinal study. Journal of Affective Disorders, 2015, 176, 171-175.	4.1	46
80	Bidirectional Association Between Depression and Fibromyalgia Syndrome: A Nationwide Longitudinal Study. Journal of Pain, 2015, 16, 895-902.	1.4	93
81	Functional Connectivity Density Mapping of Depressive Symptoms and Loneliness in Non-Demented Elderly Male. Frontiers in Aging Neuroscience, 2015, 7, 251.	3.4	27
82	Risk of Psychiatric Disorders following Irritable Bowel Syndrome: A Nationwide Population-Based Cohort Study. PLoS ONE, 2015, 10, e0133283.	2.5	62
83	The APOE É›4 allele affects complexity and functional connectivity of resting brain activity in healthy adults. Human Brain Mapping, 2014, 35, 3238-3248.	3.6	48
84	Temperature variation and the incidence of cluster headache periods: A nationwide population study. Cephalalgia, 2014, 34, 656-663.	3.9	18
85	Effect of BDNF Val66Met polymorphism on regional white matter hyperintensities and cognitive function in elderly males without dementia. Psychoneuroendocrinology, 2014, 39, 94-103.	2.7	37
86	Revealing the brain's adaptability and the transcranial direct current stimulation facilitating effect in inhibitory control by multiscale entropy. NeuroImage, 2014, 90, 218-234.	4.2	74
87	The association of physical activity to neural adaptability during visuo-spatial processing in healthy elderly adults: A multiscale entropy analysis. Brain and Cognition, 2014, 92, 73-83.	1.8	27
88	The Association of RAB18 Gene Polymorphism (rs3765133) with Cerebellar Volume in Healthy Adults. Cerebellum, 2014, 13, 616-622.	2.5	5
89	Effect of the BDNF Val66Met Polymorphism on Regional Gray Matter Volumes and Cognitive Function in the Chinese Population. NeuroMolecular Medicine, 2014, 16, 127-136.	3.4	23
90	Risk of Psychiatric Disorders following Polycystic Ovary Syndrome: A Nationwide Population-Based Cohort Study. PLoS ONE, 2014, 9, e97041.	2.5	103

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91	Risk of Developing Depressive Disorders following Rheumatoid Arthritis: A Nationwide Population-Based Study. PLoS ONE, 2014, 9, e107791.	2.5	32
92	Suicide and media reporting: a longitudinal and spatial analysis. Social Psychiatry and Psychiatric Epidemiology, 2013, 48, 427-435.	3.1	43
93	Physiologic and laboratory correlates of depression, anxiety, and poor sleep in liver cirrhosis. BMC Gastroenterology, 2013, 13, 18.	2.0	21
94	Effect of Bcl-2 rs956572 SNP on regional gray matter volumes and cognitive function in elderly males without dementia. Age, 2013, 35, 343-352.	3.0	12
95	Cognitive and neuropsychiatric correlates of EEG dynamic complexity in patients with Alzheimer's disease. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 47, 52-61.	4.8	104
96	Complexity of spontaneous BOLD activity in default mode network is correlated with cognitive function in normal male elderly: a multiscale entropy analysis. Neurobiology of Aging, 2013, 34, 428-438.	3.1	166
97	Association of altered cardiac autonomic function with psychopathology and metabolic profiles in schizophrenia. Psychiatry Research, 2013, 210, 710-715.	3.3	23
98	Is mental illness complex? From behavior to brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 45, 253-257.	4.8	95
99	Complexity of mental illness: A new research dimension. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 45, 251-252.	4.8	6
100	Risk of Parkinson disease after depression. Neurology, 2013, 81, 1538-1544.	1.1	120
101	Effects of Age, Sex, Index Admission, and Predominant Polarity on the Seasonality of Acute Admissions For Bipolar Disorder: A Population-Based Study. Chronobiology International, 2013, 30, 478-485.	2.0	29
102	Effect of Bcl-2 rs956572 Polymorphism on Age-Related Gray Matter Volume Changes. PLoS ONE, 2013, 8, e56663.	2.5	9
103	On-Call Duty Effects on Sleep-State Physiological Stability in Male Medical Interns. PLoS ONE, 2013, 8, e65072.	2.5	19
104	Association of BACE1 Gene Polymorphism with Cerebellar Volume but Not Cognitive Function in Normal Individuals. Dementia and Geriatric Cognitive Disorders Extra, 2012, 2, 632-637.	1.3	3
105	Temporal Associations between Weather and Headache: Analysis by Empirical Mode Decomposition. PLoS ONE, 2011, 6, e14612.	2.5	39
106	Sleep state instabilities in major depressive disorder: Detection and quantification with electrocardiogramâ€based cardiopulmonary coupling analysis. Psychophysiology, 2011, 48, 285-291.	2.4	53
107	Decomposing the association of completed suicide with air pollution, weather, and unemployment data at different time scales. Journal of Affective Disorders, 2011, 129, 275-281.	4.1	98
108	Reduced physiologic complexity is associated with poor sleep in patients with major depression and primary insomnia. Journal of Affective Disorders, 2011, 131, 179-185.	4.1	90

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109	Association of Internet search trends with suicide death in Taipei City, Taiwan, 2004–2009. Journal of Affective Disorders, 2011, 132, 179-184.	4.1	101
110	Clustering Heart Rate Dynamics Is Associated with β-Adrenergic Receptor Polymorphisms: Analysis by Information-Based Similarity Index. PLoS ONE, 2011, 6, e19232.	2.5	18
111	BDNF Val66Met polymorphism alters sympathovagal balance in healthy subjects. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 1024-1030.	1.7	33
112	ASSOCIATION BETWEEN RENAL FUNCTION AND COGNITIVE PERFORMANCE IN ELDERLY COMMUNITY-DWELLING MEN WITHOUT DEMENTIA. Journal of the American Geriatrics Society, 2010, 58, 2046-2048.	2.6	12
113	Do Seasons Have an Influence on the Incidence of Depression? The Use of an Internet Search Engine Query Data as a Proxy of Human Affect. PLoS ONE, 2010, 5, e13728.	2.5	116
114	Reduced Physiological Complexity in Robust Elderly Adults with the APOE ε4 Allele. PLoS ONE, 2009, 4, e7733.	2.5	25