

# Albert C Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Medial reward and lateral non-reward orbitofrontal cortex circuits change in opposite directions in depression. <i>Brain</i> , 2016, 139, 3296-3309.	7.6	224
2	Complexity of spontaneous BOLD activity in default mode network is correlated with cognitive function in normal male elderly: a multiscale entropy analysis. <i>Neurobiology of Aging</i> , 2013, 34, 428-438.	3.1	166
3	Risk of developing major depression and anxiety disorders among women with endometriosis: A longitudinal follow-up study. <i>Journal of Affective Disorders</i> , 2016, 190, 282-285.	4.1	133
4	A Deep Learning Approach for Predicting Antidepressant Response in Major Depression Using Clinical and Genetic Biomarkers. <i>Frontiers in Psychiatry</i> , 2018, 9, 290.	2.6	122
5	Risk of Parkinson disease after depression. <i>Neurology</i> , 2013, 81, 1538-1544.	1.1	120
6	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. <i>PLoS ONE</i> , 2010, 5, e13728.	2.5	116
7	Nonlinear dynamical analysis of sleep electroencephalography using fractal and entropy approaches. <i>Sleep Medicine Reviews</i> , 2018, 37, 85-93.	8.5	113
8	Cognitive and neuropsychiatric correlates of EEG dynamic complexity in patients with Alzheimer's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 47, 52-61.	4.8	104
9	Risk of Psychiatric Disorders following Polycystic Ovary Syndrome: A Nationwide Population-Based Cohort Study. <i>PLoS ONE</i> , 2014, 9, e97041.	2.5	103
10	Association of Internet search trends with suicide death in Taipei City, Taiwan, 2004–2009. <i>Journal of Affective Disorders</i> , 2011, 132, 179-184.	4.1	101
11	Decomposing the association of completed suicide with air pollution, weather, and unemployment data at different time scales. <i>Journal of Affective Disorders</i> , 2011, 129, 275-281.	4.1	98
12	Is mental illness complex? From behavior to brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 253-257.	4.8	95
13	Risk of developing major depressive disorder and anxiety disorders among adolescents and adults with atopic dermatitis: A nationwide longitudinal study. <i>Journal of Affective Disorders</i> , 2015, 178, 60-65.	4.1	95
14	Bidirectional Association Between Depression and Fibromyalgia Syndrome: A Nationwide Longitudinal Study. <i>Journal of Pain</i> , 2015, 16, 895-902.	1.4	93
15	Reduced physiologic complexity is associated with poor sleep in patients with major depression and primary insomnia. <i>Journal of Affective Disorders</i> , 2011, 131, 179-185.	4.1	90
16	Increased functional connectivity of the posterior cingulate cortex with the lateral orbitofrontal cortex in depression. <i>Translational Psychiatry</i> , 2018, 8, 90.	4.8	79
17	Revealing the brain's adaptability and the transcranial direct current stimulation facilitating effect in inhibitory control by multiscale entropy. <i>NeuroImage</i> , 2014, 90, 218-234.	4.2	74
18	Decreased resting-state brain activity complexity in schizophrenia characterized by both increased regularity and randomness. <i>Human Brain Mapping</i> , 2015, 36, 2174-2186.	3.6	65

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19	Risk of Psychiatric Disorders following Ankylosing Spondylitis: A Nationwide Population-based Retrospective Cohort Study. <i>Journal of Rheumatology</i> , 2016, 43, 625-631.	2.0	63
20	Risk of Psychiatric Disorders following Irritable Bowel Syndrome: A Nationwide Population-Based Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0133283.	2.5	62
21	A Nationwide Population-Based Retrospective Cohort Study of the Risk of Uterine, Ovarian and Breast Cancer in Women With Polycystic Ovary Syndrome. <i>Oncologist</i> , 2015, 20, 45-49.	3.7	54
22	Performing different kinds of physical exercise differentially attenuates the genetic effects on obesity measures: Evidence from 18,424 Taiwan Biobank participants. <i>PLoS Genetics</i> , 2019, 15, e1008277.	3.5	54
23	Sleep state instabilities in major depressive disorder: Detection and quantification with electrocardiogram-based cardiopulmonary coupling analysis. <i>Psychophysiology</i> , 2011, 48, 285-291.	2.4	53
24	Functional connectivity of the human amygdala in health and in depression. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 557-568.	3.0	51
25	The APOE $\epsilon$ 4 allele affects complexity and functional connectivity of resting brain activity in healthy adults. <i>Human Brain Mapping</i> , 2014, 35, 3238-3248.	3.6	48
26	Comorbidity of ADHD and suicide attempts among adolescents and young adults with bipolar disorder: A nationwide longitudinal study. <i>Journal of Affective Disorders</i> , 2015, 176, 171-175.	4.1	46
27	Neural complexity as a potential translational biomarker for psychosis. <i>Journal of Affective Disorders</i> , 2017, 216, 89-99.	4.1	46
28	Association and interaction of APOA5, BUD13, CETP, LIPA and health-related behavior with metabolic syndrome in a Taiwanese population. <i>Scientific Reports</i> , 2016, 6, 36830.	3.3	44
29	Suicide and media reporting: a longitudinal and spatial analysis. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2013, 48, 427-435.	3.1	43
30	Risk of depressive disorders following sudden sensorineural hearing loss: A nationwide population-based retrospective cohort study. <i>Journal of Affective Disorders</i> , 2016, 197, 94-99.	4.1	43
31	Causal decomposition in the mutual causation system. <i>Nature Communications</i> , 2018, 9, 3378.	12.8	43
32	Effective Connectivity in Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 187-197.	1.5	42
33	The Association of Aging with White Matter Integrity and Functional Connectivity Hubs. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 143.	3.4	41
34	Temporal Associations between Weather and Headache: Analysis by Empirical Mode Decomposition. <i>PLoS ONE</i> , 2011, 6, e14612.	2.5	39
35	Association and interaction effects of Alzheimer's disease-associated genes and lifestyle on cognitive aging in older adults in a Taiwanese population. <i>Oncotarget</i> , 2017, 8, 24077-24087.	1.8	39
36	Effect of BDNF Val66Met polymorphism on regional white matter hyperintensities and cognitive function in elderly males without dementia. <i>Psychoneuroendocrinology</i> , 2014, 39, 94-103.	2.7	37

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37	Risk for developing dementia among patients with posttraumatic stress disorder: A nationwide longitudinal study. <i>Journal of Affective Disorders</i> , 2016, 205, 306-310.	4.1	37
38	Publication analysis on insomnia: how much has been done in the past two decades?. <i>Sleep Medicine</i> , 2015, 16, 820-826.	1.6	34
39	BDNF Val66Met polymorphism alters sympathovagal balance in healthy subjects. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 1024-1030.	1.7	33
40	Transforming growth factor- $\beta$ signaling pathway-associated genes SMAD2 and TGFBR2 are implicated in metabolic syndrome in a Taiwanese population. <i>Scientific Reports</i> , 2017, 7, 13589.	3.3	33
41	Risk of Psychiatric Disorders Following Primary Sjögren Syndrome: A Nationwide Population-based Retrospective Cohort Study. <i>Journal of Rheumatology</i> , 2015, 42, 1203-1208.	2.0	32
42	Risk of Developing Depressive Disorders following Rheumatoid Arthritis: A Nationwide Population-Based Study. <i>PLoS ONE</i> , 2014, 9, e107791.	2.5	32
43	Effects of Age, Sex, Index Admission, and Predominant Polarity on the Seasonality of Acute Admissions For Bipolar Disorder: A Population-Based Study. <i>Chronobiology International</i> , 2013, 30, 478-485.	2.0	29
44	Topological Pattern Recognition of Severe Alzheimer's Disease via Regularized Supervised Learning of EEG Complexity. <i>Frontiers in Neuroscience</i> , 2018, 12, 685.	2.8	28
45	The association of physical activity to neural adaptability during visuo-spatial processing in healthy elderly adults: A multiscale entropy analysis. <i>Brain and Cognition</i> , 2014, 92, 73-83.	1.8	27
46	Functional Connectivity Density Mapping of Depressive Symptoms and Loneliness in Non-Demented Elderly Male. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 251.	3.4	27
47	Beyond the disconnectivity hypothesis of schizophrenia. <i>Cerebral Cortex</i> , 2020, 30, 1213-1233.	2.9	27
48	Effects of circadian clock genes and health-related behavior on metabolic syndrome in a Taiwanese population: Evidence from association and interaction analysis. <i>PLoS ONE</i> , 2017, 12, e0173861.	2.5	27
49	Detection of susceptibility loci on <i>APOA5</i> and <i>COLEC12</i> associated with metabolic syndrome using a genome-wide association study in a Taiwanese population. <i>Oncotarget</i> , 2017, 8, 93349-93359.	1.8	27
50	A Strategy to Reduce Bias of Entropy Estimates in Resting-State fMRI Signals. <i>Frontiers in Neuroscience</i> , 2018, 12, 398.	2.8	26
51	Functional, Anatomical, and Morphological Networks Highlight the Role of Basal Ganglia-“Thalamus”-Cortex Circuits in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 422-431.	4.3	26
52	Large-Scale Structural Covariance Networks Predict Age in Middle-to-Late Adulthood: A Novel Brain Aging Biomarker. <i>Cerebral Cortex</i> , 2020, 30, 5844-5862.	2.9	26
53	Reduced Physiological Complexity in Robust Elderly Adults with the APOE $\epsilon$ 4 Allele. <i>PLoS ONE</i> , 2009, 4, e7733.	2.5	25
54	Frequency and amplitude modulation of resting-state fMRI signals and their functional relevance in normal aging. <i>Neurobiology of Aging</i> , 2018, 70, 59-69.	3.1	25

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55	Patients with migraine are right about their perception of temperature as a trigger: time series analysis of headache diary data. <i>Journal of Headache and Pain</i> , 2015, 16, 533.	6.0	24
56	Bidirectional association between Bell's palsy and anxiety disorders: A nationwide population-based retrospective cohort study. <i>Journal of Affective Disorders</i> , 2017, 215, 269-273.	4.1	24
57	Functional brain lateralization in schizophrenia based on the variability of resting-state fMRI signal. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 114-121.	4.8	24
58	Association of altered cardiac autonomic function with psychopathology and metabolic profiles in schizophrenia. <i>Psychiatry Research</i> , 2013, 210, 710-715.	3.3	23
59	Effect of the BDNF Val66Met Polymorphism on Regional Gray Matter Volumes and Cognitive Function in the Chinese Population. <i>NeuroMolecular Medicine</i> , 2014, 16, 127-136.	3.4	23
60	The ADAMTS9 gene is associated with cognitive aging in the elderly in a Taiwanese population. <i>PLoS ONE</i> , 2017, 12, e0172440.	2.5	22
61	Association and Interaction Effects of Interleukin-12 Related Genes and Physical Activity on Cognitive Aging in Old Adults in the Taiwanese Population. <i>Frontiers in Neurology</i> , 2019, 10, 1065.	2.4	22
62	Combining multi-modality data for searching biomarkers in schizophrenia. <i>PLoS ONE</i> , 2018, 13, e0191202.	2.5	22
63	Physiologic and laboratory correlates of depression, anxiety, and poor sleep in liver cirrhosis. <i>BMC Gastroenterology</i> , 2013, 13, 18.	2.0	21
64	Prediction of Antidepressant Treatment Response and Remission Using an Ensemble Machine Learning Framework. <i>Pharmaceuticals</i> , 2020, 13, 305.	3.8	20
65	Effects of circadian clock genes and environmental factors on cognitive aging in old adults in a Taiwanese population. <i>Oncotarget</i> , 2017, 8, 24088-24098.	1.8	20
66	On-Call Duty Effects on Sleep-State Physiological Stability in Male Medical Interns. <i>PLoS ONE</i> , 2013, 8, e65072.	2.5	19
67	Temperature variation and the incidence of cluster headache periods: A nationwide population study. <i>Cephalalgia</i> , 2014, 34, 656-663.	3.9	18
68	The rs1277306 Variant of the REST Gene Confers Susceptibility to Cognitive Aging in an Elderly Taiwanese Population. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 43, 119-127.	1.5	18
69	Nonlinear pattern of the emergence of white matter hyperintensity in healthy Han Chinese: an adult lifespan study. <i>Neurobiology of Aging</i> , 2018, 67, 99-107.	3.1	18
70	Clustering Heart Rate Dynamics Is Associated with $\beta$ -Adrenergic Receptor Polymorphisms: Analysis by Information-Based Similarity Index. <i>PLoS ONE</i> , 2011, 6, e19232.	2.5	18
71	Risk of uterine, ovarian and breast cancer following pelvic inflammatory disease: a nationwide population-based retrospective cohort study. <i>BMC Cancer</i> , 2016, 16, 839.	2.6	17
72	Additive Value of Heart Rate Variability in Predicting Obstructive Coronary Artery Disease Beyond Framingham Risk. <i>Circulation Journal</i> , 2016, 80, 494-501.	1.6	16

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73	Risk of Depressive Disorders Following Myasthenia Gravis: A Nationwide Population-Based Retrospective Cohort Study. <i>Frontiers in Psychiatry</i> , 2019, 10, 481.	2.6	16
74	Analysis of economic growth fluctuations based on EEMD and causal decomposition. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 553, 124661.	2.6	15
75	Predicting Norovirus in the United States Using Google Trends: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e24554.	4.3	15
76	The Effects of Tai Chi on Sleep Quality in Chinese American Patients With Major Depressive Disorder: A Pilot Study. <i>Behavioral Sleep Medicine</i> , 2018, 16, 398-411.	2.1	13
77	An association study in the Taiwan Biobank reveals RORA as a novel locus for sleep duration in the Taiwanese Population. <i>Sleep Medicine</i> , 2020, 73, 70-75.	1.6	13
78	ASSOCIATION BETWEEN RENAL FUNCTION AND COGNITIVE PERFORMANCE IN ELDERLY COMMUNITY-DWELLING MEN WITHOUT DEMENTIA. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 2046-2048.	2.6	12
79	Effect of Bcl-2 rs956572 SNP on regional gray matter volumes and cognitive function in elderly males without dementia. <i>Age</i> , 2013, 35, 343-352.	3.0	12
80	Quality and readability of online information resources on insomnia. <i>Frontiers of Medicine</i> , 2017, 11, 423-431.	3.4	12
81	Callosal and subcortical white matter alterations in schizophrenia: A diffusion tensor imaging study at multiple levels. <i>NeuroImage: Clinical</i> , 2018, 20, 594-602.	2.7	12
82	Polymorphisms of the DNA repair gene EXO1 modulate cognitive aging in old adults in a Taiwanese population. <i>DNA Repair</i> , 2019, 78, 1-6.	2.8	12
83	Active Cigarette Smoking Is Associated With an Exacerbation of Genetic Susceptibility to Diabetes. <i>Diabetes</i> , 2020, 69, 2819-2829.	0.6	11
84	Development of an AI-Based Web Diagnostic System for Phenotyping Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2020, 11, 542394.	2.6	10
85	Effect of Bcl-2 rs956572 Polymorphism on Age-Related Gray Matter Volume Changes. <i>PLoS ONE</i> , 2013, 8, e56663.	2.5	9
86	Association between polygenic liability for schizophrenia and substance involvement: A nationwide population-based study in Taiwan. <i>Genes, Brain and Behavior</i> , 2020, 19, e12639.	2.2	9
87	Heart Rate Variability Is Associated with Exercise Capacity in Patients with Cardiac Syndrome X. <i>PLoS ONE</i> , 2016, 11, e0144935.	2.5	9
88	Symbolic dynamics of electroencephalography is associated with the sleep depth and overall sleep quality in healthy adults. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 513, 22-31.	2.6	8
89	A powerful and efficient multivariate approach for voxel-level connectome-wide association studies. <i>NeuroImage</i> , 2019, 188, 628-641.	4.2	8
90	Discrimination of Severity of Alzheimer's Disease with Multiscale Entropy Analysis of EEG Dynamics. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1244.	2.5	8

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91	Difficulty in initiating sleep is associated with poor morning cardiovascular function. <i>Psychiatry Research</i> , 2021, 295, 113518.	3.3	8
92	Measuring Brain Complexity During Neural Motor Resonance. <i>Frontiers in Neuroscience</i> , 2018, 12, 758.	2.8	7
93	Topological reorganization of EEG functional network is associated with the severity and cognitive impairment in Alzheimer's disease. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 513, 588-597.	2.6	7
94	Sex-specific autosomal genetic effects across 26 human complex traits. <i>Human Molecular Genetics</i> , 2020, 29, 1218-1228.	2.9	7
95	Complexity of mental illness: A new research dimension. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 251-252.	4.8	6
96	Symptomatic menopausal transition and subsequent bipolar disorder among midlife women with major depression: a nationwide longitudinal study. <i>Archives of Women's Mental Health</i> , 2017, 20, 463-468.	2.6	6
97	Heart rate variability and surgical pleth index under anesthesia in poor and normal sleepers. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1311-1319.	1.6	6
98	CUX2, BRAP and ALDH2 are associated with metabolic traits in people with excessive alcohol consumption. <i>Scientific Reports</i> , 2020, 10, 18118.	3.3	6
99	Age-related changes in the association of resting-state fMRI signal variability and global functional connectivity in non-demented healthy people. <i>Psychiatry Research</i> , 2020, 291, 113257.	3.3	6
100	Prediction of Probable Major Depressive Disorder in the Taiwan Biobank: An Integrated Machine Learning and Genome-Wide Analysis Approach. <i>Journal of Personalized Medicine</i> , 2021, 11, 597.	2.5	6
101	The Association of RAB18 Gene Polymorphism (rs3765133) with Cerebellar Volume in Healthy Adults. <i>Cerebellum</i> , 2014, 13, 616-622.	2.5	5
102	Alteration of power law scaling of spontaneous brain activity in schizophrenia. <i>Schizophrenia Research</i> , 2021, 238, 10-19.	2.0	5
103	Phenotyping Neuropsychiatric Symptoms Profiles of Alzheimer's Disease Using Cluster Analysis on EEG Power. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 623930.	3.4	4
104	Brain white matter hyperintensities-predicted age reflects neurovascular health in middle-to-old aged subjects. <i>Age and Ageing</i> , 2022, 51, .	1.6	4
105	Association of BACE1 Gene Polymorphism with Cerebellar Volume but Not Cognitive Function in Normal Individuals. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2012, 2, 632-637.	1.3	3
106	Decomposed Temporal Complexity Analysis of Neural Oscillations and Machine Learning Applied to Alzheimer's Disease Diagnosis. <i>Frontiers in Psychiatry</i> , 2020, 11, 531801.	2.6	3
107	Genome-wide association study in the Taiwan Biobank identifies four novel genes for human height: <i>NABP2</i> , <i>RASA2</i> , <i>RNF41</i> and <i>SLC39A5</i> . <i>Human Molecular Genetics</i> , 2021, 30, 2362-2369.	2.9	3
108	An association study in the Taiwan Biobank elicits three novel candidates for cognitive aging in old adults: <i>NCAM1</i> , <i>TTC12</i> and <i>ZBTB20</i> . <i>Aging</i> , 2021, 13, 18769-18788.	3.1	3

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109	Sleep state instabilities in patients with periodic limb movements in sleep - Detection and quantification with heart rate variability. <i>Psychiatry Research</i> , 2020, 293, 113454.	3.3	2
110	Remission of depression is associated with asymmetric hemispheric variation in EEG complexity before antidepressant treatment. <i>Journal of Affective Disorders</i> , 2021, 281, 872-879.	4.1	2
111	The moderating effect of personality traits on acute tinnitus sensation in idiopathic sudden sensorineural hearing loss. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 633-638.	1.4	2
112	Atopic diseases/diathesis and subsequent ischemic stroke among patients with bipolar disorder: A nationwide longitudinal study. <i>PLoS ONE</i> , 2018, 13, e0200682.	2.5	1
113	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. <i>BMC Medical Genomics</i> , 2021, 14, 223.	1.5	1
114	Role of Heart Rate Variability in Association Between Glomerular Hyperfiltration and All-cause Mortality. <i>Journal of the American Heart Association</i> , 2021, 10, e021585.	3.7	1