

2021 publication

1. Huang KL (黃凱琳), Hsu JW (徐如維), Tsai SJ (蔡世仁), Bai YM (白雅美), Chen TJ, Chen MH (陳牧宏). Factors Affecting Delayed Initiation and Continuation of Medication Use for Attention-Deficit/Hyperactivity Disorder: A Nationwide Study. *J Child Adolesc Psychopharmacol*. 2021 Jan 18. doi: 10.1089/cap.2020.0136. Epub ahead of print. PMID: 33464991.
2. Huang JS, Yang FC, Chien WC, Yeh TC, Chung CH, Tsai CK, Tsai SJ (蔡世仁), Yang SS, Tzeng NS, Chen MH (陳牧宏), Liang CS. Risk of Substance Use Disorder and Its Associations With Comorbidities and Psychotropic Agents in Patients With Autism. *JAMA Pediatr*. 2021 Epub ahead of print.
3. Chen MH (陳牧宏), Lin WC (林韋丞), Wu HJ, Bai YM (白雅美), Li CT (李正達), Tsai SJ (蔡世仁), Hong CJ (洪成志), Tu PC, Su TP. Interest-activity symptom severity predicts response to ketamine infusion in treatment-resistant depression. *Psychopharmacology (Berl)*. 2021 Epub ahead of print.
4. Tsai CF (蔡佳芬), Hwang WS, Lee JJ, Wang WF, Huang LC, Huang LK, Lee WJ, Sung PS, Liu YC, Hsu CC, Fuh JL. Predictors of caregiver burden in aged caregivers of demented older patients. *BMC Geriatr*. 2021;21(1):59.
5. Yang KC (楊凱鈞), Liu MN (劉慕恩), Liou YJ (劉英杰), Hu LY (胡力予), Yang BH, Chou YH. Interleukin-1 family and serotonin transporter in first-episode, drug-naive major depressive disorder: A pilot study. *J Psychiatr Res*. 2021 Jan 19;135:174-180.
6. Zhang Y, Luo Q, Huang CC, Lo CZ, Langley C, Desrivières S, Quinlan EB, Banaschewski T, Millenet S, Bokde ALW, Flor H, Garavan H, Gowland P, Heinz A, Ittermann B, Martinot JL, Artiges E, Paillère-Martinot ML, Nees F, Orfanos DP, Poustka L, Fröhner JH, Smolka MN, Walter H, Whelan R, Tsai SJ (蔡世仁), Lin CP, Bullmore E, Schumann G, Sahakian BJ, Feng J; IMAGEN consortium. The Human Brain Is Best Described as Being on a Female/Male Continuum: Evidence from a Neuroimaging Connectivity Study. *Cereb Cortex*. 2021 Epub ahead of print.
6. Huang KL (黃凱琳), Chen MH (陳牧宏), Hsu JW (徐如維), Tsai SJ (蔡世仁), Bai YM (白雅美). Using Classification and Regression Tree Modeling to Investigate Appetite Hormones and Proinflammatory Cytokines as Biomarkers to Differentiate Bipolar I Depression from Major Depressive Disorder. *CNS Spectr*. 2021 Feb 10:1-23.
7. Chan YE, Chen MH (陳牧宏), Bai YM (白雅美), Li CT (李正達), Chen TJ, Su TP. Treatment response and age of onset as risk indicators for parkinson disease in patients with major depressive disorder: A nationwide longitudinal study. *J Affect Disord*. 2021 Feb 5;283:329-334.
8. Li CY, Dai YX, Chang YT, Bai YM (白雅美), Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). Prenatal exposure to acetaminophen increases the risk of atopic

- dermatitis in children: A nationwide nested case-control study in Taiwan. *Pediatr Allergy Immunol*. 2021 Online ahead of print.
9. Dai YX, Tai YH, Chang YT, Chen TJ, Chen MH (陳牧宏). Posttraumatic stress disorder and the associated risk of autoimmune skin diseases: A nationwide population-based cohort study. *Psychosom Med*. 2021 Online ahead of print.
10. Kao CF, Kuo PH, Yu YW, Yang AC, Lin E, Liu YL, Tsai SJ (蔡世仁). Gene-Based Association Analysis Suggests Association of HTR2A With Antidepressant Treatment Response in Depressed Patients. *Front Pharmacol*. 2020 Dec 3;11:559601.
11. Liu MN (劉慕恩), Liou YJ (劉英杰), Wang WC, Su KC, Yeh HL, Lau CI, Hu LY (胡力予), Tsai SJ (蔡世仁), Chen HY. Group Music Intervention Using Percussion Instruments to Reduce Anxiety Among Elderly Male Veterans with Alzheimer Disease. *Med Sci Monit*. 2021 Feb 21;27:e928714.
12. Wu YY, Lee YS, Liu YL, Hsu WC, Ho WM, Huang YH, Tsai SJ (蔡世仁), Kuo PH, Chen YC. Association Study of Alcohol Dehydrogenase and Aldehyde Dehydrogenase Polymorphism With Alzheimer Disease in the Taiwanese Population. *Front Neurosci*. 2021 Jan 22;15:625885.
13. Lin HY, Huang CC, Chou KH, Yang AC, Lo CZ, Tsai SJ (蔡世仁), Lin CP. Differential Patterns of Gyral and Sulcal Morphological Changes During Normal Aging Process. *Front Aging Neurosci*. 2021 Feb 3;13:625931.
14. Tseng HJ (曾湘蓉, 住院醫師), Cheng CM (鄭智銘), Tsai SJ (蔡世仁), Lin WC (林韋丞), Bai YM (白雅美), Tsai CF (蔡佳芬), Su TP, Li CT (李正達), Chen TJ, Chen MH (陳牧宏). Proton Pump Inhibitor Exposure and Acute Myocardial Infarction Risk: A Nested Cohort Study. *Cardiovasc Toxicol*. 2021. Epub ahead of print.
15. Ho YC (何逸群, 住院醫師), Hu LY (胡力予), Liou YJ (劉英杰). Peripheral edema: An easily overlooked side effect of long-acting injectable paliperidone. *Aust N Z J Psychiatry*. 2021 Epub ahead of print.
肢體水腫：帕潘立酮長效針注射的一種容易常被忽視的副作用個案報告。
16. Pan TL, Bai YM (白雅美), Cheng CM (鄭智銘), Tsai SJ (蔡世仁), Tsai CF (蔡佳芬), Su TP, Li CT (李正達), Lin WC (林韋丞), Chen TJ, Liang CS, Chen MH (陳牧宏). Atopic Dermatitis and Dementia Risk: A Nationwide Longitudinal Study. *Ann Allergy Asthma Immunol*. 2021. Epub ahead of print.
17. Dai YX, Tai YH, Chang YT, Chen TJ, Chen MH (陳牧宏). Bidirectional Association between Psoriasis and Atopic Dermatitis: A Nationwide Population-Based Cohort Study. *Dermatology*. 2021 Epub ahead of print.
18. Liang CS, Bai YM (白雅美), Hsu JW (徐如維), Huang KL (黃凱琳), Ko NY, Tsai CK, Yeh TC, Chu HT, Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). The Risk of Epilepsy after Long-term Proton Pump Inhibitor Therapy. *Seizure*. 2021 Epub ahead

of print.

19. Tran DNH, Hwang IH, Chen FJ, Tseng YP, Chang CM, Tsai SJ (蔡世仁), Yang JL, Wu TP, Hsu CH, Chen FP, Kung YY. Core prescription pattern of Chinese herbal medicine for depressive disorders in Taiwan: a nationwide population-based study. *Integr Med Res.* 2021;10(3):100707.
20. Lin HC (林泓辰, 住院醫師), Cheng CM (鄭智銘), Huang KL (黃凱琳), Hsu JW (徐如維), Bai YM (白雅美), Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). Developmental and mental health risks among siblings of patients with autism spectrum disorder: a nationwide study. *Eur Child Adolesc Psychiatry.* 2021 Epub ahead of print.
21. Tseng PT, Chen MH (陳牧宏), Liang CS. Driving Impairment Following Vaporization of Cannabis. *JAMA.* 2021 Mar 23;325(12):1225-1226.
22. Cheng CM (鄭智銘), Li CT (李正達), Tsai SJ (蔡世仁). Current Updates on Newer Forms of Transcranial Magnetic Stimulation in Major Depression. *Adv Exp Med Biol.* 2021;1305:333-349.
23. Li CT (李正達), Cheng CM (鄭智銘), Juan CH, Tsai YC, Chen MH (陳牧宏), Bai YM (白雅美), Tsai SJ (蔡世仁), Su TP. Task-Modulated Brain Activity Predicts Antidepressant Responses of Prefrontal Repetitive Transcranial Magnetic Stimulation: A Randomized Sham-Control Study. *Chronic Stress (Thousand Oaks).* 2021 Apr 8;5:24705470211006855.
24. Hsu CH, Huang CC, Tsai SJ (蔡世仁), Chen LK, Li HC, Lo CZ, Lin CP. Differential age trajectories of white matter changes between sexes correlate with cognitive performances. *Brain Connect.* 2021 Epub ahead of print.
25. Chen MH (陳牧宏), Lin WC (林韋丞), Tsai SJ (蔡世仁), Li CT (李正達), Cheng CM (鄭智銘), Wu HJ, Bai YM (白雅美), Hong CJ (洪成志), Tu PC, Su TP. Effects of treatment refractoriness and brain-derived neurotrophic factor Val66Met polymorphism on antidepressant response to low-dose ketamine infusion. *Eur Arch Psychiatry Clin Neurosci.* 2021 Epub ahead of print.
26. Chiu YC, Yang BH, Yang KC (楊凱鈞), Liu MN (劉慕恩), Hu LY (胡力予), Liou YJ (劉英杰), Chan LY, Chou YH. A study of tryptophan, kynurenine and serotonin transporter in first-episode drug-naïve major depressive disorder. *Psychiatry Res Neuroimaging.* 2021 Epub ahead of print.
27. Yeh TC, Bai YM (白雅美), Tsai SJ (蔡世仁), Chen TJ, Liang CS, Chen MH (陳牧宏). Risks of Major Mental Disorders and Irritable Bowel Syndrome among the Offspring of Parents with Irritable Bowel Syndrome: A Nationwide Study. *Int J Environ Res Public Health.* 2021 Apr 28;18(9):4679.
28. Chen MH (陳牧宏), Huang KL (黃凱琳), Hsu JW (徐如維), Tsai SJ (蔡世仁), Su TP, Chen TJ, Bai YM (白雅美). Effect of relative age on diagnosis of autism

spectrum disorder in children: a nationwide study in Taiwan. *Eur Child Adolesc Psychiatry*. 2021 Epub ahead of print.

29. Chan YE, Cheng CM (鄭智銘), Huang MH, Lee HJ, Tang LY, Tsai CF (蔡佳芬). Risk factors for mild behavioral impairment in non-demented geriatrics: a population-based survey in Taiwan. *Int Psychogeriatr*. 2021 Epub ahead of print.

30. Zeng BY, Zeng BS, Chen YW, Hung CM, Sun CK, Cheng YS, Stubbs B, Carvalho AF, Brunoni AR, Su KP, Tu YK, Wu YC, Chen TY, Lin PY, Liang CS, Hsu CW, Tseng PT, Li CT (李正達). Efficacy and acceptability of noninvasive brain stimulation interventions for weight reduction in obesity: a pilot network meta-analysis. *Int J Obes (Lond)*. 2021 Epub ahead of print.

31. Chen MH (陳牧宏), Huang KL (黃凱琳), Hsu JW(徐如維), Tsai SJ (蔡世仁), Su TP, Chen TJ, Bai YM (白雅美). Effect of Relative Age on Childhood Mental Health: A Cohort of 9,548,393 Children and Adolescents. *Acta Psychiatr Scand*. 2021 Epub ahead of print.

32. Chen MH (陳牧宏), Cheng CM (鄭智銘), Tsai SJ (蔡世仁), Tsai CF (蔡佳芬), Su TP, Li CT (李正達), Lin WC (林韋丞), Chen TJ, Bai YM (白雅美). Obsessive-Compulsive Disorder and Dementia Risk: A Nationwide Longitudinal Study. *J Clin Psychiatry*. 2021 May 11;82(3):20m13644.

33. Chen MH (陳牧宏), Tsai SJ (蔡世仁), Su TP, Li CT (李正達), Lin WC (林韋丞), Chen TJ, Pan TL, Bai YM (白雅美). Increased Risk of Stroke in Patients With Obsessive-Compulsive Disorder: A Nationwide Longitudinal Study. *Stroke*. 2021 Epub ahead of print.

34. Chen MH (陳牧宏), Yang FC, Liang CS. APOE Allele Testing and Alzheimer Disease. *JAMA*. 2021 Jun 1;325(21):2210-2211.

35. Tsai CF (蔡佳芬), Chen MH (陳牧宏), Wang YP, Liu PY, Hou MC, Lee FY, Lu CL. Increased risk of short-term depressive disorder after *Helicobacter pylori* eradication: A population-based nested cohort study. *Helicobacter*. 2021 Jun 11:e12824.

36. Lin E, Kuo PH, Lin WY, Liu YL, Yang AC, Tsai SJ (蔡世仁). Prediction of probable major depressive disorder in the Taiwan. *Journal of Personalized Medicine* 2021 Epub ahead of print.

37. Dai YX, Tai YH, Lee DD, Chang YT, Chen TJ, Chen MH (陳牧宏). Risk of retinal diseases in patients with psoriasis: A population-based cohort study in Taiwan. *J Dermatol*. 2021 Epub ahead of print.

38. Lin E, Kuo PH, Lin WY, Liu YL, Yang AC, Tsai SJ (蔡世仁). An association study in the Taiwan Biobank elicits three novel candidates for cognitive aging in old adults: NCAM1, TTC12 and ZBTB20. *Aging (Albany NY)*. 2021 Epub ahead of print.

39. Liang CS, Bai YM (白雅美), Hsu JW(徐如維), Huang KL (黃凱琳), Chu CS, Yeh TC, Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). The Risk of Alzheimer's Disease After Acute Appendicitis With or Without Appendectomy. *J Am Med Dir Assoc*. 2021 Jul 12;S1525-8610(21)00571-5.
40. Lin E, Tsai SJ (蔡世仁), Kuo PH, Liu YL, Yang AC, Conomos MP, Thornton TA. Genome-wide association study in the Taiwan biobank identifies four novel genes for human height: NABP2, RASA2, RNF41 and SLC39A5. *Hum Mol Genet*. 2021 Epub ahead of print.
41. Lee H (李璇, 住院醫師), Hsu JW(徐如維), Tsai SJ (蔡世仁), Huang KL (黃凱琳), Bai YM (白雅美), Su TP, Chen TJ, Chen MH (陳牧宏). Risk of attention deficit hyperactivity and autism spectrum disorders among the children of parents with autoimmune diseases: a nationwide birth cohort study. *Eur Child Adolesc Psychiatry*. 2021 Online ahead of print.
42. Yang KC (楊凱鈞), Liao YT, Yang YK, Lin SK, Liang CS, Bai YM (白雅美). Evidence-Based Expert Consensus Regarding Long-Acting Injectable Antipsychotics for Schizophrenia from the Taiwanese Society of Biological Psychiatry and Neuropsychopharmacology (TSBPN). *CNS Drugs*. 2021. Online ahead of print.
43. Chen MH (陳牧宏), Pan TL, Bai YM (白雅美), Huang KL (黃凱琳), Tsai SJ (蔡世仁), Su TP, Chen TJ, Hsu JW(徐如維). Postpartum Depression and Psychosis and Subsequent Severe Mental Illnesses in Mothers and Neurodevelopmental Disorders in Children: A Nationwide Study. *J Clin Psychiatry*. 2021 Jul 27;82(4):20m13735.
44. Tseng PT, Jeng JS, Zeng BS, Stubbs B, Carvalho AF, Brunoni AR, Su KP, Tu YK, Wu YC, Chen TY, Lin PY, Liang CS, Hsu CW, Chen YW, Li CT (李正達). Efficacy of non-invasive brain stimulation interventions in reducing smoking frequency in patients with nicotine dependence: a systematic review and network meta-analysis of randomized controlled trials. *Addiction*. 2021 Online ahead of print.
45. Liu MN (劉慕恩), Gerick Pantouw J, Yang KC (楊凱鈞), Hu LY (胡力予), Liou YJ (劉英杰), Lirng JF, Chou YH. Sub-regional hippocampal volumes in first-episode drug-naïve major depression disorder. *Neurosci Lett*. 2021. Online ahead of print.
46. Cheng W, Fan YH, Liou YJ (劉英杰), Hsu YT. The predictive factors of nocturia in young Asian adult males: an online survey. *Sci Rep*. 2021 Aug 10;11(1):16218.
47. Liu Z, Palaniyappan L, Wu X, Zhang K, Du J, Zhao Q, Xie C, Tang Y, Su W, Wei Y, Xue K, Han S, Tsai SJ (蔡世仁), Lin CP, Cheng J, Li C, Wang J, Sahakian BJ, Robbins TW, Zhang J, Feng J. Resolving heterogeneity in schizophrenia through a novel systems approach to brain structure: individualized structural covariance network analysis. *Mol Psychiatry*. 2021 Online ahead of print.
48. Huang MH, Chen MH (陳牧宏), Hsu JW(徐如維), Huang KL (黃凱琳), Tsai SJ (蔡世仁), Su TP, Bai YM (白雅美). Inflammation, cognitive dysfunction, and suicidal ideation among patients with major depression. *CNS Spectr*. 2021 Online ahead of

print.

49. Trinh TT, Tsai CF (蔡佳芬), Hsiao YT, Lee CY, Wu CT, Liu YH. Identifying Individuals With Mild Cognitive Impairment Using Working Memory-Induced Intra-Subject Variability of Resting-State EEGs. *Front Comput Neurosci*. 2021 Aug 4;15:700467.

50. Cheng CM (鄭智銘), Chen MH (陳牧宏), Chang WH, Tsai CF (蔡佳芬), Tsai SJ (蔡世仁), Bai YM (白雅美), Su TP, Chen TJ, Li CT (李正達). Risks of Coaggregation of Major Psychiatric Disorders Among First-Degree Relatives of Patients With Bipolar I and Bipolar II Disorder: Evidence From a Nationwide Population-Based Study. *J Clin Psychiatry*. 2021 Sep 7;82(5):20m13810.

51. Ma SH, Tai YH, Dai YX, Chang YT, Chen TJ, Chen MH (陳牧宏). Association between hepatitis C virus infection and subsequent chronic inflammatory skin disease. *J Dermatol*. 2021 Online ahead of print.

52. Li CY, Dai YX, Chang YT, Bai YM (白雅美), Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). Proton Pump Inhibitors Are Associated with Increased Risk of Psoriasis: A Nationwide Nested Case-Control Study. *Dermatology*. 2021 Online ahead of print.

53. Pain O, ..., Liu YL, Serretti A, Tsai SJ (蔡世仁), Turecki G, Weinshilboum R, McIntosh AM, Lewis CM. Identifying the common genetic basis of antidepressant response. *Biological Psychiatry Global Open Science* 2021 Online ahead of print.

54. Chu CS, Tsai SJ (蔡世仁), Cheng CM (鄭智銘), Su TP, Chen TJ, Bai YM (白雅美), Liang CS, Chen MH (陳牧宏). Dengue and Dementia Risk: A Nationwide Longitudinal Study. *J Infect*. 2021 Aug 26:S0163-4453(21)00441-2.

55. Liou YJ (劉英杰), Chen MH (陳牧宏), Hsu JW (徐如維), Huang KL (黃凱琳), Huang PH, Bai YM (白雅美). Associations between increased circulating endothelial progenitor cell levels and anxiety/depressive severity, cognitive deficit and function disability among patients with major depressive disorder. *Sci Rep*. 2021 Sep 14;11(1):18221.

56. Hou SJ, Tsai SJ (蔡世仁), Kuo PH, Lin WY, Liu YL, Yang AC, Lin E, Lan TH. 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 Med Genomics*. 2021 Sep 16;14(1):223.

57. Chen MH (陳牧宏), Lin WC (林韋丞), Li CT (李正達), Tsai SJ (蔡世仁), Wu HJ, Bai YM (白雅美), Hong CJ (洪成志), Tu PC, Su TP. Baseline Working Memory Predicted Response to Low-Dose Ketamine Infusion in Patients with Treatment-Resistant Depression. *Pharmacopsychiatry*. 2021 Online ahead of print.

58. Yang YK, Chen CS, Tsai CF (蔡佳芬), Chang CM, Lai TJ, Lee CT, Lin CC, Lan TH, Herr KJ. A Taiwanese study on real-world evidence with vortioxetine in patients

with major depression in Asia (TREVIDA). *Curr Med Res Opin.* 2021 Online ahead of print.

59. Chen YL, Tu PC, Huang TH, Bai YM (白雅美), Su TP, Chen MH (陳牧宏), Wu YT. Identifying subtypes of bipolar disorder based on clinical and neurobiological characteristics. *Sci Rep.* 2021 Aug 24;11(1):17082.

60. Chen MH (陳牧宏), Liu YL, Kuo HW, Tsai SJ (蔡世仁), Hsu JW (徐如維), Huang KL (黃凱琳), Tu PC, Bai YM (白雅美). Neurofilament Light Chain Is a Novel Biomarker for Major Depression and Related Executive Dysfunction. *Int J Neuropsychopharmacol.* 2021. Online ahead of print.

61. Tsai CF (蔡佳芬), Chen CC, Wu EH, Chung CR, Huang CY, Tsai PY, Yeh SC. A Machine-learning Based Assessment Method for Early-stage Neurocognitive Impairment by an Immersive Virtual Supermarket. *IEEE Trans Neural Syst Rehabil Eng* 2021 Online ahead of print.

62. Yeh TC, Bai YM (白雅美), Hsu JW (徐如維), Huang KL (黃凱琳), Tsai SJ (蔡世仁), Chu HT, Liang CS, Chen MH (陳牧宏). Bipolar women's antepartum psychotropic exposure and offspring risk of attention-deficit/hyperactivity disorder and autism spectrum disorder. *J Affect Disord.* 2021 Online ahead of print.

63. Kung FH, Chen MH (陳牧宏), Liang CS. Association of Alcohol With Cortical Thickness in Adolescents. *JAMA Psychiatry.* 2021 Online ahead of print.

64. Chen MH (陳牧宏), Wu HJ, Li CT (李正達), Lin WC (林韋丞), Tsai SJ (蔡世仁), Hong CJ (洪成志), Tu PC, Bai YM (白雅美), Mao WC, Su TP. Low-dose ketamine infusion for treating subjective cognitive, somatic, and affective depression symptoms of treatment-resistant depression. *Asian J Psychiatr.* 2021 Online ahead of print.

65. Chen MH (陳牧宏), Wu HJ, Li CT (李正達), Lin WC (林韋丞), Tsai SJ (蔡世仁), Hong CJ (洪成志), Tu PC, Bai YM (白雅美), Mao WC, Su TP. Low-dose ketamine infusion in treatment-resistant double depression: Revisiting the adjunctive ketamine study of Taiwanese patients with treatment-resistant depression. *Hum Psychopharmacol.* 2021 Oct 1:e2820.

66. Lee YJ, Huang SY, Lin CP, Tsai SJ (蔡世仁), Yang AC. Alteration of power law scaling of spontaneous brain activity in schizophrenia. *Schizophr Res.* 2021 Sep 22;238:10-19.

67. Chen MH (陳牧宏), Hsu JW (徐如維), Huang KL (黃凱琳), Tsai SJ (蔡世仁), Tu PC, Bai YM (白雅美). Inflammatory Cytokines in and Cognitive Function of Adolescents with First Episode Schizophrenia, Bipolar Disorder, or Major Depressive Disorder. *CNS Spectr.* 2021 Oct 19:1-24.

68. Hung DP (洪端珮, 住院醫師), Lin SM, Liu PP, Su IM, Hsu JY, Wu TY, Lin CC, Huang HK, Loh CH. Evaluating the "holiday season effect" of hospital care on the risk of mortality from pulmonary embolism: a nationwide analysis in Taiwan. *Sci Rep*

2021;11(1):19376.

69. Chu CS, Tsai SJ (蔡世仁), Hsu JW (徐如維), Huang KL (黃凱琳), Cheng CM (鄭智銘), Su TP, Chen TJ, Bai YM (白雅美), Liang CS, Chen MH (陳牧宏). Diagnostic progression to bipolar disorder in 17,285 adolescents and young adults with attention deficit hyperactivity disorder: A longitudinal follow-up study. *J Affect Disord*. 2021 Online ahead of print.

70. Cheng CM (鄭智銘), Hong CJ (洪成志), Lin HC, Chu PJ, Chen MH (陳牧宏), Tu PC, Bai YM (白雅美), Chang WH, Juan CH, Lin WC (林韋丞), Tsai SJ (蔡世仁), Su TP, Li CT (李正達). Predictive Roles of Brain-Derived Neurotrophic Factor Val66Met Polymorphism on Antidepressant Efficacy of Different Forms of Prefrontal Brain Stimulation Monotherapy: a Randomized, Double-Blind, Sham-Controlled Study. *J Affect Disord*. 2021 Online ahead of print.

71. Li CY, Tai YH, Dai YX, Chang YT, Bai YM (白雅美), Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). Association of Alopecia Areata and the Risk of Dementia: A Nationwide Cohort Study. *J Clin Psychiatry*. 2021 Oct 26;82(6):21m13931.

72. Chen MH (陳牧宏), Tseng PT, Liang CS. Depressive Symptom Assessment in Medically Ill Patients. *JAMA* 2021 Nov 2;326(17):1748.

73. Liu Y, Hsu CH, Huang CC, Zhang Y, Zhao J, Tsai SJ (蔡世仁), Chen LK, Lin CP, Lo CZ. Connectivity-Based Topographical Changes of the Corpus Callosum During Aging. *Front Aging Neurosci*. 2021;13:753236.

74. Chen MH (陳牧宏), Wu HJ, Li CT (李正達), Lin WC (林韋丞), Tsai SJ (蔡世仁), Hong CJ (洪成志), Tu PC, Bai YM (白雅美), Mao WC, Su TP. Is one or two infusions better in the first week of low-dose ketamine treatment for medication-resistant depression? A post hoc pooled analysis of randomized placebo-controlled and open-label trials. *J Psychiatr Res*. 2021 Nov 3;144:448-454.

75. Ting HC, Ma SH, Tai YH, Dai YX, Chang YT, Chen TJ, Chen MH (陳牧宏). Association between alopecia areata and retinal diseases: A nationwide population-based cohort study. *J Am Acad Dermatol*. 2021 Online ahead of print.

76. Liang CS, Bai YM (白雅美), Hsu JW (徐如維), Huang KL (黃凱琳), Ko NY, Yeh TC, Chu HT, Tsai SJ (蔡世仁), Chen TJ, Chen MH (陳牧宏). Associations of parental mental disorders and age with childhood mental disorders: a population-based cohort study with four million offspring. *Eur Child Adolesc Psychiatry*. 2021 Online ahead of print.

77. Chen MH (陳牧宏), Tsai SJ (蔡世仁), Su TP, Li CT (李正達), Lin WC (林韋丞), Cheng CM (鄭智銘), Chen TJ, Bai YM (白雅美). Cancer Risk in Patients with Bipolar Disorder and Unaffected Siblings of Such Patients: A Nationwide Population-Based Study. *Int J Cancer*. 2021 Online ahead of print.

78. Hsu TW, Chu CS, Tsai SJ (蔡世仁), Cheng CM (鄭智銘), Su TP, Chen TJ, Bai

YM (白雅美), Liang CS, Chen MH (陳牧宏). Dengue Virus Infection and Risk of Parkinson's Disease: A Nationwide Longitudinal Study. *J Parkinsons Dis*. 2021 Online ahead of print.

79. Su TP, Chen MH (陳牧宏), Tu PC. Using big data of genetics, health claims and brain imaging to challenge the categorical classification in mental illness. *J Chin Med Assoc*. 2021 Online ahead of print.

80. Tsai YC, Li CT (李正達), Liang WK, Muggleton NG, Tsai CC, Huang NE, Juan CH. Critical role of rhythms in prefrontal transcranial magnetic stimulation for depression: A randomized sham-controlled study. *Hum Brain Mapp*. 2021 Online ahead of print.

81. Huang MH, Chen MH (陳牧宏), Chan YE, Li CT (李正達), Tsai SJ (蔡世仁), Bai YM (白雅美), Su TP. Pro-inflammatory cytokines and suicidal behavior among patients with bipolar I disorder. *J Psychiatr Res*. 2021 Online ahead of print.

82. Liang CS, Su TP, Hsieh MH, Lee CS, Kuo J, Chiu NY, Chen PS, Yen YC, Bai YM (白雅美). Taiwan Expert Consensus Recommendations for Switching to Aripiprazole Long-Acting Once-Monthly in Patients with Schizophrenia. *J Pers Med*. 2021 Nov 13;11(11):1198.

83. Lee LH, Chen CH, Chang WC, Lee PL, Shyu KK, Chen MH (陳牧宏), Hsu JW (徐如維), Bai YM (白雅美), Su TP, Tu PC. Evaluating the Performance of Machine Learning Models for Automatic Diagnosis of Patients with Schizophrenia Based on a Single Site Dataset of 440 Participants. *Eur Psychiatry*. 2021 Online ahead of print.

84. Wu CT, Huang HC, Huang S, Chen IM, Liao SC, Chen CK, Lin C, Lee SH, Chen MH (陳牧宏), Tsai CF (蔡佳芬), Weng CH, Ko LW, Jung TP, Liu YH. Resting-State EEG Signal for Major Depressive Disorder Detection: A Systematic Validation on a Large and Diverse Dataset. *Biosensors (Basel)*. 2021 Dec 6;11(12):499.

85. Chen MH (陳牧宏), Tsai SJ (蔡世仁), Bai YM (白雅美), Huang KL (黃凱琳), Su TP, Chen TJ, Hsu JW (徐如維). Type 1 Diabetes Mellitus and Risks of Major Psychiatric Disorders: A Nationwide Population-Based Cohort Study. *Diabetes Metab*. 2022 Online ahead of print.

86. Chang HI, Chang YT, Huang CW, Huang KL, Hsu JL, Hsu SW, Tsai SJ (蔡世仁), Chang WN, Lee CC, Huang SH, Chang CC. Structural Covariance Network as an Endophenotype in Alzheimer's Disease-Susceptible Single-Nucleotide Polymorphisms and the Correlations With Cognitive Outcomes. *Front Aging Neurosci*. 2021 Online ahead of print.

87. Hsu TW, Bai YM (白雅美), Tsai SJ (蔡世仁), Chen TJ, Liang CS, Chen MH (陳牧宏). Risk of Retinal Disease in Patients with Bipolar Disorder: A Nationwide Cohort Study. *Psychiatry Clin Neurosci*. 2022 Online ahead of print.

88. Tsou HL, Chen MH (陳牧宏), Liang CS. Prenatal Exposure to Antipsychotics-

Handle With Caution. JAMA Intern Med. 2022 Online ahead of print.

89. Lin WC (林韋丞), Chang WH, Bai YM (白雅美), Li CT (李正達), Chen MH (陳牧宏), Su TP. The risk of insomnia after surgical operation: A longitudinal, population-based, case-crossover study. J Chin Med Assoc. 2022 Online ahead of print.

90. Wang WL, Wang SY, Hung HY, Chen MH (陳牧宏), Juan CH, Li CT (李正達). Safety of transcranial magnetic stimulation in unipolar depression: A systematic review and meta-analysis of randomized-controlled trials. J Affect Disord. 2022 Online ahead of print.