

Wen-Neng Chang

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,761
citations

331670

21
h-index

330143

37
g-index

85
all docs

85
docs citations

85
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	Level and Value of Circulating Endothelial Progenitor Cells in Patients After Acute Ischemic Stroke. <i>Stroke</i> , 2008, 39, 69-74.	2.0	206
2	Effect of erythropoietin on level of circulating endothelial progenitor cells and outcome in patients after acute ischemic stroke. <i>Critical Care</i> , 2011, 15, R40.	5.8	87
3	Post-neurosurgical nosocomial bacterial meningitis in adults: microbiology, clinical features, and outcomes. <i>Journal of Clinical Neuroscience</i> , 2005, 12, 647-650.	1.5	75
4	Adult bacterial meningitis in southern Taiwan: epidemiologic trend and prognostic factors. <i>Journal of the Neurological Sciences</i> , 2000, 182, 36-44.	0.6	58
5	Coagulase-Negative Staphylococcal Meningitis in Adults: Clinical Characteristics and Therapeutic Outcomes. <i>Infection</i> , 2005, 33, 56-60.	4.7	57
6	<i>Staphylococcus aureus</i> Meningitis in Adults: A Clinical Comparison of Infections Caused by Methicillin-Resistant and Methicillin-Sensitive Strains. <i>Infection</i> , 2001, 29, 245-250.	4.7	49
7	Changing Epidemiology of Adult Bacterial Meningitis in Southern Taiwan: A Hospital-Based Study. <i>Infection</i> , 2008, 36, 15-22.	4.7	47
8	Mixed Infection in Adult Bacterial Meningitis. <i>Infection</i> , 2000, 28, 8-12.	4.7	44
9	<i>Klebsiella meningitis</i> in adults: clinical features, prognostic factors and therapeutic outcomes. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 533-538.	1.5	44
10	Community-Acquired Spontaneous Bacterial Meningitis in Adult Diabetic Patients: An Analysis of Clinical Characteristics and Prognostic Factors. <i>Infection</i> , 2002, 30, 346-350.	4.7	44
11	Erythropoietin improves long-term neurological outcome in acute ischemic stroke patients: a randomized, prospective, placebo-controlled clinical trial. <i>Critical Care</i> , 2015, 19, 49.	5.8	44
12	Association between Oxidative Stress and Outcome in Different Subtypes of Acute Ischemic Stroke. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	43
13	Cerebrotendinous xanthomatosis patients with and without parkinsonism: Clinical characteristics and neuroimaging findings. <i>Movement Disorders</i> , 2010, 25, 452-458.	3.9	39
14	Heat shock protein 70 protects against seizure-induced neuronal cell death in the hippocampus following experimental status epilepticus via inhibition of nuclear factor- κ B activation-induced nitric oxide synthase II expression. <i>Neurobiology of Disease</i> , 2014, 62, 241-249.	4.4	38
15	Clinical features and in vitro antimicrobial susceptibilities of community-acquired <i>Klebsiella pneumoniae meningitis</i> in Taiwan. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 957-962.	3.0	35
16	Cerebral Perfusion Insufficiency and Relationships with Cognitive Deficits in Alzheimer's Disease: A Multiparametric Neuroimaging Study. <i>Scientific Reports</i> , 2018, 8, 1541.	3.3	32
17	Clinical characteristics and prognosis of acute bacterial meningitis in elderly patients over 65: a hospital-based study. <i>BMC Geriatrics</i> , 2011, 11, 91.	2.7	30
18	Acute/subacute cerebral infarction (ASCI) in HIV-negative adults with cryptococcal meningoencephalitis (CM): a MRI-based follow-up study and a clinical comparison to HIV-negative CM adults without ASCI. <i>BMC Neurology</i> , 2011, 11, 12.	1.8	27

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19	New insights into the pathological mechanisms of cerebrotendinous xanthomatosis in the Taiwanese using genomic and proteomic tools. <i>Proteomics</i> , 2006, 6, 1029-1037.	2.2	25
20	Hippocampal Amyloid Burden with Downstream Fusiform Gyrus Atrophy Correlate with Face Matching Task Scores in Early Stage Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 145.	3.4	25
21	Adult Enterobacter Meningitis: A High Incidence of Coinfection with Other Pathogens and Frequent Association with Neurosurgical Procedures. <i>Infection</i> , 2001, 29, 75-79.	4.7	24
22	Clinical characteristics and therapeutic outcome of Gram-negative bacterial spinal epidural abscess in adults. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 213-217.	1.5	24
23	Clinical characteristics and therapeutic outcomes of nosocomial super-infection in adult bacterial meningitis. <i>BMC Infectious Diseases</i> , 2011, 11, 133.	2.9	21
24	Saliency Network and Depressive Severities in Parkinson's Disease with Mild Cognitive Impairment: A Structural Covariance Network Analysis. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 417.	3.4	21
25	Bacterial Meningitis in Young Adults in Southern Taiwan: Clinical Characteristics and Therapeutic Outcomes. <i>Infection</i> , 2006, 34, 2-8.	4.7	20
26	Elevated Serum Vascular Cell Adhesion Molecule-1 Is Associated with Septic Encephalopathy in Adult Community-Onset Severe Sepsis Patients. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	20
27	Epidemiologic trend of adult bacterial meningitis in southern Taiwan (2006-2015). <i>Journal of Clinical Neuroscience</i> , 2017, 42, 59-65.	1.5	19
28	The clinical characteristics of adult bacterial meningitis caused by non- Pseudomonas (Ps .) aeruginosa Pseudomonas species: A clinical comparison with Ps. aeruginosa meningitis. <i>Kaohsiung Journal of Medical Sciences</i> , 2018, 34, 49-55.	1.9	19
29	The clinical characteristics and therapeutic outcomes of cryptococcal meningitis in elderly patients: a hospital-based study. <i>BMC Geriatrics</i> , 2019, 19, 91.	2.7	19
30	Adult Klebsiella pneumoniae meningitis in Taiwan: an overview. <i>Acta Neurologica Taiwanica</i> , 2012, 21, 87-96.	0.3	19
31	Multiloculated Pyogenic Brain Abscess: Experience in 25 Patients. <i>Neurosurgery</i> , 2003, 52, 1075-1080.	1.1	18
32	ABCA7 polymorphisms correlate with memory impairment and default mode network in patients with APOE ϵ 4-associated Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 103.	6.2	18
33	Time course of cerebral hemodynamics in cryptococcal meningitis in HIV-negative adults. <i>European Journal of Neurology</i> , 2007, 14, 770-776.	3.3	17
34	The association among leukocyte apoptosis, autoantibodies and disease severity in systemic lupus erythematosus. <i>Journal of Translational Medicine</i> , 2013, 11, 261.	4.4	17
35	Adults with Meningitis Caused by Oxacillin-Resistant Staphylococcus aureus. <i>Clinical Infectious Diseases</i> , 2000, 31, 723-727.	5.8	16
36	Molecular Genetic Characterization of Patients With Focal Epilepsy Using a Customized Targeted Resequencing Gene Panel. <i>Frontiers in Neurology</i> , 2018, 9, 515.	2.4	16

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37	Clinical characteristics of post-neurosurgical <i>Klebsiella pneumoniae</i> meningitis in adults and a clinical comparison to the spontaneous form in a Taiwanese population. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 334-338.	1.5	15
38	Neurotoxicity of carbon monoxide targets caudate-mediated dopaminergic system. <i>NeuroToxicology</i> , 2018, 65, 272-279.	3.0	15
39	Investigation of the caspase-dependent mitochondrial apoptotic pathway in mononuclear cells of patients with systemic lupus erythematosus. <i>Journal of Translational Medicine</i> , 2014, 12, 303.	4.4	14
40	Altered Functional Network Affects Amyloid and Structural Covariance in Alzheimer's Disease. <i>BioMed Research International</i> , 2018, 2018, 1-12.	1.9	14
41	APOE-MS4A genetic interactions are associated with executive dysfunction and network abnormality in clinically mild Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 21, 101621.	2.7	14
42	Diffusion Tensor Imaging Study of White Matter Damage in Chronic Meningitis. <i>PLoS ONE</i> , 2014, 9, e98210.	2.5	13
43	Effects of Homocysteine on white matter diffusion parameters in Alzheimer's disease. <i>BMC Neurology</i> , 2017, 17, 192.	1.8	13
44	Anaerobic bacterial meningitis in adults. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 45-50.	1.5	13
45	Diffusion kurtosis imaging as a neuroimaging biomarker in patients with carbon monoxide intoxication. <i>NeuroToxicology</i> , 2018, 68, 38-46.	3.0	13
46	Clinical characteristics of adult <i>Escherichia coli</i> meningitis. <i>Japanese Journal of Infectious Diseases</i> , 2005, 58, 168-70.	1.2	13
47	Frequent association with neurosurgical conditions in adult <i>Proteus mirabilis</i> meningitis: report of five cases. <i>Clinical Neurology and Neurosurgery</i> , 2002, 104, 121-124.	1.4	12
48	Predictors and long-term outcome of seizures in human immunodeficiency virus (HIV)-negative cryptococcal meningitis. <i>BMC Neurology</i> , 2014, 14, 208.	1.8	12
49	Metabolic Covariant Network in Relation to Nigrostriatal Degeneration in Carbon Monoxide Intoxication-Related Parkinsonism. <i>Frontiers in Neuroscience</i> , 2016, 10, 187.	2.8	12
50	Associations of Bcl-2 rs956572 genotype groups in the structural covariance network in early-stage Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 17.	6.2	12
51	Clinical characteristics of fusobacterial brain abscess. <i>Japanese Journal of Infectious Diseases</i> , 2007, 60, 40-4.	1.2	12
52	Epidemiology of adult staphylococcal meningitis in southern Taiwan: a clinical comparison of <i>Staphylococcus aureus</i> infection and coagulase-negative staphylococcal infection. <i>Japanese Journal of Infectious Diseases</i> , 2007, 60, 262-6.	1.2	12
53	Genetic effect of MTHFR C677T polymorphism on the structural covariance network and white matter integrity in Alzheimer's disease. <i>Human Brain Mapping</i> , 2017, 38, 3039-3051.	3.6	11
54	High incidence of severe neurological manifestations and high mortality rate for adult <i>Listeria monocytogenes</i> meningitis in Taiwan. <i>Journal of Clinical Neuroscience</i> , 2020, 71, 177-185.	1.5	11

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55	Clinical characteristics of <i>Stenotrophomonas maltophilia</i> meningitis in adults: A high incidence in patients with a postneurosurgical state, long hospital staying and antibiotic use. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1709-1715.	1.4	10
56	The Prognostic Values of Leukocyte Rho Kinase Activity in Acute Ischemic Stroke. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	10
57	The prognostic factors of HIV-negative adult cryptococcal meningitis with a focus on cranial MRI-based neuroimaging findings. <i>Journal of Clinical Neuroscience</i> , 2018, 55, 57-61.	1.5	10
58	The clinical characteristics, implicated pathogens and therapeutic outcomes of culture-proven septic cavernous sinus thrombosis. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 111-116.	1.5	10
59	Intra-family phenotype variations in familial neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 30, 57-62.	2.0	10
60	Genetic Interaction of APOE and FGF1 is Associated with Memory Impairment and Hippocampal Atrophy in Alzheimer's Disease. , 2019, 10, 510.		10
61	Serotypes of clinical cerebrospinal fluid <i>Cryptococcus neoformans</i> isolates from southern Taiwan and their in vitro susceptibilities to amphotericin B, fluconazole, and voriconazole. <i>Japanese Journal of Infectious Diseases</i> , 2004, 57, 113-5.	1.2	10
62	Clinical and molecular genetic features of cerebrotendinous xanthomatosis in Taiwan: Report of a novel CYP27A1 mutation and literature review. <i>Journal of Clinical Lipidology</i> , 2019, 13, 954-959.e1.	1.5	9
63	Septic cavernous sinus thrombosis due to <i>Streptococcus constellatus</i> infection. <i>Journal of the Formosan Medical Association</i> , 2003, 102, 733-6.	1.7	9
64	Anatomical Correlates of Non-Verbal Perception in Dementia Patients. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 207.	3.4	8
65	Prefrontal Lobe Brain Reserve Capacity with Resistance to Higher Global Amyloid Load and White Matter Hyperintensity Burden in Mild Stage Alzheimer's Disease. <i>PLoS ONE</i> , 2016, 11, e0149056.	2.5	8
66	Community-acquired spontaneous bacterial meningitis in patients with alcoholic liver disease. <i>Journal of the Formosan Medical Association</i> , 2003, 102, 653-5.	1.7	8
67	MAOA-VNTR Genotype Effects on Ventral Striatum-Hippocampus Network in Alzheimer's Disease: Analysis Using Structural Covariance Network and Correlation with Neurobehavior Performance. <i>Molecular Neurobiology</i> , 2019, 56, 4518-4529.	4.0	7
68	The value of serial serum cell adhesion molecules in predicting acute kidney injury after severe sepsis in adults. <i>Clinica Chimica Acta</i> , 2016, 457, 86-91.	1.1	6
69	Antibiotic-treated <i>Streptococcus sanguinis</i> intracranial mycotic aneurysm. <i>Kaohsiung Journal of Medical Sciences</i> , 2012, 28, 178-181.	1.9	5
70	The clinical characteristics of spontaneous Gram-negative bacterial meningitis in adults: A hospital-based study. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 101-105.	1.5	5
71	Structural Covariance Network as an Endophenotype in Alzheimer's Disease-Susceptible Single-Nucleotide Polymorphisms and the Correlations With Cognitive Outcomes. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 721217.	3.4	5
72	Clinical characteristics, pathogens implicated and therapeutic outcomes of mixed infection in adult bacterial meningitis. <i>Kaohsiung Journal of Medical Sciences</i> , 2012, 28, 531-537.	1.9	4

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73	Catechol-O-Methyltransferase Val158Met Polymorphism on Striatum Structural Covariance Networks in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 4637-4649.	4.0	4
74	The clinical characteristics of adult cryptococcal meningitis patients who died within one year of treatment with a focus on those with early mortality. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 80-84.	1.5	4
75	Non-cephalosporin-susceptible, glucose non-fermentative Gram-negative bacilli meningitis in post-neurosurgical adults: Clinical characteristics and therapeutic outcome. <i>Clinical Neurology and Neurosurgery</i> , 2014, 116, 61-66.	1.4	3
76	Clinical Features Associated with Frozen Shoulder Syndrome in Parkinson's Disease. <i>Parkinson's Disease</i> , 2015, 2015, 1-7.	1.1	3
77	Clinical characteristics of <i>Citrobacter</i> meningitis in adults: High incidence in patients with a postneurosurgical state and strains not susceptible to third-generation cephalosporins. <i>Journal of Clinical Neuroscience</i> , 2018, 54, 83-87.	1.5	3
78	Characterization of Fibrinogen as a Key Modulator in Patients with Wilson's Diseases with Functional Proteomic Tools. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4528.	4.1	3
79	A CD33 frameshift variant is associated with neuromyelitis optica spectrum disorders. <i>Biomedical Journal</i> , 2021, 44, S93-S100.	3.1	3
80	Nationwide Population-Based Epidemiological Study for Outcomes of Adjunctive Steroid Therapy in Pediatric Patients with Bacterial Meningitis in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6386.	2.6	2
81	Using fiber tractography and diffusion kurtosis imaging to evaluate neuroimaging changes in patients with cerebrotendinous xanthomatosis after stopping chenodeoxycholic acid treatment for three years. <i>Biomedical Journal</i> , 2021, , .	3.1	1
82	Diagnosis and management of adult bacterial meningitis. <i>Acta Neurologica Taiwanica</i> , 2009, 18, 3-13.	0.3	1