

Pin-Yuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,877
citations

257101

24
h-index

182168

51
g-index

83
all docs

83
docs citations

83
times ranked

4476
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effects of daily sedation interruption in intensive care unit patients undergoing mechanical ventilation: A meta-analysis of randomized controlled trials. <i>International Journal of Nursing Practice</i> , 2022, 28, e12948. | 0.8 | 15 |
| 2 | Mental fatigue mediates the relationship between cognitive functions and return to productive activity following traumatic brain injury: a mediation analysis. <i>Brain Injury</i> , 2022, , 1-7. | 0.6 | 2 |
| 3 | HDAC6 involves in regulating the lncRNA-microRNA-mRNA network to promote the proliferation of glioblastoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 47. | 3.5 | 14 |
| 4 | Cauda equina syndrome caused by multiple intraspinal hemorrhage following percutaneous coronary intervention. <i>Asian Journal of Surgery</i> , 2022, , . | 0.2 | 0 |
| 5 | Reprogramming of arachidonate metabolism confers temozolomide resistance to glioblastoma through enhancing mitochondrial activity in fatty acid oxidation. <i>Journal of Biomedical Science</i> , 2022, 29, 21. | 2.6 | 22 |
| 6 | Comparative efficacy of prophylactic anticonvulsant drugs following traumatic brain injury: A systematic review and network meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2022, 17, e0265932. | 1.1 | 7 |
| 7 | Primary intracranial malignant melanomas in solitary type: a tertiary center experience. <i>Journal of Clinical Neuroscience</i> , 2022, 101, 37-46. | 0.8 | 0 |
| 8 | A manzamine-derived compound as a potential therapeutic agent for glioma by inducing apoptosis and cell cycle arrest.. <i>American Journal of Cancer Research</i> , 2022, 12, 1740-1751. | 1.4 | 0 |
| 9 | Phase IB trial of pegylated arginine deiminase (ADI-PEG 20) plus radiotherapy and temozolomide in patients with newly diagnosed glioblastoma.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2057-2057. | 0.8 | 1 |
| 10 | Diagnostic accuracy of the Clinical Dementia Rating Scale for detecting mild cognitive impairment and dementia: A bivariate meta-analysis. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 239-251. | 1.3 | 49 |
| 11 | Diagnostic accuracy of the CAM-ICU and ICDSC in detecting intensive care unit delirium: A bivariate meta-analysis. <i>International Journal of Nursing Studies</i> , 2021, 113, 103782. | 2.5 | 56 |
| 12 | Comparative efficacy and safety of hypnotics for insomnia in older adults: a systematic review and network meta-analysis. <i>Sleep</i> , 2021, 44, . | 0.6 | 15 |
| 13 | The Merits of Awake Craniotomy for Glioblastoma in the Left Hemispheric Eloquent Area: One Institution Experience. <i>Clinical Neurology and Neurosurgery</i> , 2021, 200, 106343. | 0.6 | 13 |
| 14 | Neuronavigation-guided focused ultrasound for transcranial blood-brain barrier opening and immunostimulation in brain tumors. <i>Science Advances</i> , 2021, 7, . | 4.7 | 70 |
| 15 | Immediate and lasting effects of aerobic exercise on the actigraphic sleep parameters of female nurses: A randomized controlled trial. <i>Research in Nursing and Health</i> , 2021, 44, 449-457. | 0.8 | 3 |
| 16 | Induction Therapy of Retinoic Acid with a Temozolomide-Loaded Gold Nanoparticle-Associated Ultrasound Effect on Glioblastoma Cancer Stem-Like Colonies. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 32845-32855. | 4.0 | 8 |
| 17 | Prevalence of sleep disturbances and their effects on quality of life in adults with untreated pituitary tumor and meningioma. <i>Journal of Neuro-Oncology</i> , 2021, 154, 179-186. | 1.4 | 4 |
| 18 | Roles of Neutrophils in Glioma and Brain Metastases. <i>Frontiers in Immunology</i> , 2021, 12, 701383. | 2.2 | 41 |

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|----|---|-----|-----------|
| 19 | Endoscopic transsphenoidal surgery for resection of pituitary macroadenoma: A retrospective study. PLoS ONE, 2021, 16, e0255599. | 1.1 | 7 |
| 20 | Prediction of Malignant Transformation of WHO II Astrocytoma Using Mathematical Models Incorporating Apparent Diffusion Coefficient and Contrast Enhancement. Frontiers in Oncology, 2021, 11, 744827. | 1.3 | 1 |
| 21 | Valproic Acid Enhanced Temozolomide-Induced Anticancer Activity in Human Glioma Through the p53-PUMA Apoptosis Pathway. Frontiers in Oncology, 2021, 11, 722754. | 1.3 | 11 |
| 22 | CCL5 of glioma-associated microglia/macrophages regulates glioma migration and invasion via calcium-dependent matrix metalloproteinase 2. Neuro-Oncology, 2020, 22, 253-266. | 0.6 | 90 |
| 23 | Diagnostic meta-analysis of the Pediatric Sleep Questionnaire, OSA-18, and pulse oximetry in detecting pediatric obstructive sleep apnea syndrome. Sleep Medicine Reviews, 2020, 54, 101355. | 3.8 | 32 |
| 24 | MRS as an Aid to Diagnose Malignant Transformation in Low-Grade Gliomas with Increasing Contrast Enhancement. American Journal of Neuroradiology, 2020, 41, 1592-1598. | 1.2 | 6 |
| 25 | Neuronavigation-guided focused ultrasound (NaviFUS) for transcranial blood-brain barrier opening in recurrent glioblastoma patients: clinical trial protocol. Annals of Translational Medicine, 2020, 8, 673-673. | 0.7 | 51 |
| 26 | Editorial: advances in neuro-oncology and clinical treatment from ASNO 2019. Journal of Neuro-Oncology, 2020, 146, 397-398. | 1.4 | 0 |
| 27 | Increased activation of HDAC1/2/6 and Sp1 underlies therapeutic resistance and tumor growth in glioblastoma. Neuro-Oncology, 2020, 22, 1439-1451. | 0.6 | 63 |
| 28 | Suppression of tumor growth via IGFBP3 depletion as a potential treatment in glioma. Journal of Neurosurgery, 2020, 132, 168-179. | 0.9 | 32 |
| 29 | QOLP-28. PREOPERATIVE SLEEP DISTURBANCE AND ITS ASSOCIATION WITH QUALITY OF LIFE IN ADULT BRAIN TUMOR PATIENTS. Neuro-Oncology, 2020, 22, ii181-ii181. | 0.6 | 0 |
| 30 | Enrichment of superoxide dismutase 2 in glioblastoma confers to acquisition of temozolomide resistance that is associated with tumor-initiating cell subsets. Journal of Biomedical Science, 2019, 26, 77. | 2.6 | 26 |
| 31 | Functional Change of Effector Tumor-Infiltrating CCR5+CD38+HLA-DR+CD8+ T Cells in Glioma Microenvironment. Frontiers in Immunology, 2019, 10, 2395. | 2.2 | 26 |
| 32 | A Compressed Sensing Estimation Technique for Doubly Selective Channel in OFDM Systems. IEEE Access, 2019, 7, 115192-115199. | 2.6 | 6 |
| 33 | Sleep Mediates the Relationship Between Depression and Cognitive Impairment in Older Men. American Journal of Men's Health, 2019, 13, 155798831982576. | 0.7 | 9 |
| 34 | Convection-Enhanced Delivery of a Virus-Like Nanotherapeutic Agent with Dual-Modal Imaging for Besiegement and Eradication of Brain Tumors. Theranostics, 2019, 9, 1752-1763. | 4.6 | 43 |
| 35 | Awake craniotomies for epileptic gliomas: intraoperative and postoperative seizure control and prognostic factors. Journal of Neuro-Oncology, 2019, 142, 577-586. | 1.4 | 30 |
| 36 | A Novel Surgery Navigation System Combined with Augmented Reality Based on Image Target Positioning System. , 2019, , . | | 1 |

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|----|--|-----|-----------|
| 37 | EXTH-72. MANZAMINE A-DERIVED COMPOUNDS AS POTENTIAL ANTI-BRAIN TUMOR AGENTS AND IT MECHANISM STUDY. <i>Neuro-Oncology</i> , 2019, 21, vi97-vi97. | 0.6 | 0 |
| 38 | Intraoperative linguistic performance during awake brain surgery predicts postoperative linguistic deficits. <i>Journal of Neuro-Oncology</i> , 2018, 139, 215-223. | 1.4 | 15 |
| 39 | Biomimetic brain tumor niche regulates glioblastoma cells towards a cancer stem cell phenotype. <i>Journal of Neuro-Oncology</i> , 2018, 137, 511-522. | 1.4 | 10 |
| 40 | Seizures in surgically resected atypical and malignant meningiomas: Long-term outcome analysis. <i>Epilepsy Research</i> , 2018, 140, 82-89. | 0.8 | 18 |
| 41 | Anterior Skull Base Tumor Resection by Transciliary Supraorbital Keyhole Craniotomy: A Single Institutional Experience. <i>World Neurosurgery</i> , 2018, 111, e863-e870. | 0.7 | 15 |
| 42 | Controlled release of liposome-encapsulated temozolomide for brain tumour treatment by convection-enhanced delivery. <i>Journal of Drug Targeting</i> , 2018, 26, 325-332. | 2.1 | 25 |
| 43 | Reality orientation therapy benefits cognition in older people with dementia: A meta-analysis. <i>International Journal of Nursing Studies</i> , 2018, 86, 20-28. | 2.5 | 22 |
| 44 | Associations between sleep duration and suicidality in adolescents: A systematic review and doseâ€“response meta-analysis. <i>Sleep Medicine Reviews</i> , 2018, 42, 119-126. | 3.8 | 90 |
| 45 | Trajectory of health-related quality of life and its determinants in patients who underwent lumbar spine surgery: a 1-year longitudinal study. <i>Quality of Life Research</i> , 2018, 27, 2251-2259. | 1.5 | 5 |
| 46 | Trends in the incidence of primary malignant brain tumors in Taiwan and correlation with comorbidities: A population-based study. <i>Clinical Neurology and Neurosurgery</i> , 2017, 159, 72-82. | 0.6 | 14 |
| 47 | Primary Central Nervous System Lymphomas of the Brain: A Retrospective Analysis in a Single Institution. <i>World Neurosurgery</i> , 2017, 103, 550-556. | 0.7 | 10 |
| 48 | A compressed sensing technique for OFDM channel estimation using full-band training symbols. , 2017, , . | | 1 |
| 49 | A Feasibility Randomized Controlled Crossover Trial of Home-Based Warm Footbath to Improve Sleep in the Chronic Phase of Traumatic Brain Injury. <i>Journal of Neuroscience Nursing</i> , 2017, 49, 380-385. | 0.7 | 24 |
| 50 | Factors affecting lumbar surgery outcome: A nation-wide, population-based retrospective study. <i>Journal of Affective Disorders</i> , 2017, 222, 98-102. | 2.0 | 4 |
| 51 | Diagnostic accuracy of the Berlin questionnaire, STOP-BANG, STOP, and Epworth sleepiness scale in detecting obstructive sleep apnea: A bivariate meta-analysis. <i>Sleep Medicine Reviews</i> , 2017, 36, 57-70. | 3.8 | 418 |
| 52 | CSIG-07. INVASIVENESS OF GLIOMA PROMOTED BY C-C MOTIF LIGAND 5 CORRELATES WITH CAMKII SIGNALLING PATHWAY. <i>Neuro-Oncology</i> , 2017, 19, vi51-vi51. | 0.6 | 0 |
| 53 | Rapid <i>In Situ</i> MRI Traceable Gel-forming Dual-drug Delivery for Synergistic Therapy of Brain Tumor. <i>Theranostics</i> , 2017, 7, 2524-2536. | 4.6 | 21 |
| 54 | Self-Assembly DNA Polyplex Vaccine inside Dissolving Microneedles for High-Potency Intradermal Vaccination. <i>Theranostics</i> , 2017, 7, 2593-2605. | 4.6 | 39 |

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|----|---|-----|-----------|
| 55 | Drug-carrying microbubbles as a theranostic tool in convection-enhanced delivery for brain tumor therapy. <i>Oncotarget</i> , 2017, 8, 42359-42371. | 0.8 | 15 |
| 56 | Daytime sleepiness is independently associated with falls in older adults with dementia. <i>Geriatrics and Gerontology International</i> , 2016, 16, 850-855. | 0.7 | 10 |
| 57 | Focused Ultrasound Enhances Central Nervous System Delivery of Bevacizumab for Malignant Glioma Treatment. <i>Radiology</i> , 2016, 281, 99-108. | 3.6 | 114 |
| 58 | Long Term Surgical Outcome and Prognostic Factors of Atypical and Malignant Meningiomas. <i>Scientific Reports</i> , 2016, 6, 35743. | 1.6 | 40 |
| 59 | The Outcome Predictors of Malignant Large Infarction and the Functional Outcome of Survivors Following Decompressive Craniectomy. <i>World Neurosurgery</i> , 2016, 93, 133-138. | 0.7 | 5 |
| 60 | Effects of Intravenous and Oral Magnesium on Reducing Migraine: A Meta-analysis of Randomized Controlled Trials. <i>Pain Physician</i> , 2016, 1;19, E97-E112. | 0.3 | 27 |
| 61 | Effects of Intravenous and Oral Magnesium on Reducing Migraine: A Meta-analysis of Randomized Controlled Trials. <i>Pain Physician</i> , 2016, 19, E97-112. | 0.3 | 46 |
| 62 | Trajectories of Sleep and Its Predictors in the First Year Following Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, E50-E55. | 1.0 | 14 |
| 63 | A Programmable High-Voltage Compliance Neural Stimulator for Deep Brain Stimulation in Vivo. <i>Sensors</i> , 2015, 15, 12700-12719. | 2.1 | 12 |
| 64 | Skull base atypical meningioma: Long term surgical outcome and prognostic factors. <i>Clinical Neurology and Neurosurgery</i> , 2015, 128, 112-116. | 0.6 | 41 |
| 65 | Corpus callosum involvement and postoperative outcomes of patients with gliomas. <i>Journal of Neuro-Oncology</i> , 2015, 124, 207-214. | 1.4 | 17 |
| 66 | Focused ultrasound-induced blood-brain barrier opening to enhance interleukin-12 delivery for brain tumor immunotherapy: a preclinical feasibility study. <i>Journal of Translational Medicine</i> , 2015, 13, 93. | 1.8 | 95 |
| 67 | Neural immune modulation and immunotherapy assisted by focused ultrasound induced blood-brain barrier opening. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2682-2687. | 1.4 | 19 |
| 68 | Reminiscence Therapy Improves Cognitive Functions and Reduces Depressive Symptoms in Elderly People With Dementia: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 1087-1094. | 1.2 | 102 |
| 69 | The Association Between Use of Dietary Supplements and Headache or Migraine Complaints. <i>Headache</i> , 2014, 54, 355-363. | 1.8 | 8 |
| 70 | Gadolinium-functionalized nanographene oxide for combined drug and microRNA delivery and magnetic resonance imaging. <i>Biomaterials</i> , 2014, 35, 6534-6542. | 5.7 | 152 |
| 71 | Transglutaminase 2 Expression Is Increased as a Function of Malignancy Grade and Negatively Regulates Cell Growth in Meningioma. <i>PLoS ONE</i> , 2014, 9, e108228. | 1.1 | 12 |
| 72 | Pharmacodynamic and Therapeutic Investigation of Focused Ultrasound-Induced Blood-Brain Barrier Opening for Enhanced Temozolomide Delivery in Glioma Treatment. <i>PLoS ONE</i> , 2014, 9, e114311. | 1.1 | 77 |

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|----|---|-----|-----------|
| 73 | MicroRNA-495 inhibits proliferation of glioblastoma multiforme cells by downregulating cyclin-dependent kinase 6. <i>World Journal of Surgical Oncology</i> , 2013, 11, 87. | 0.8 | 48 |
| 74 | Focused Ultrasound-Induced Blood-Brain Barrier Opening to Enhance Temozolomide Delivery for Glioblastoma Treatment: A Preclinical Study. <i>PLoS ONE</i> , 2013, 8, e58995. | 1.1 | 171 |
| 75 | Magnetic resonance monitoring of focused ultrasound/magnetic nanoparticle targeting delivery of therapeutic agents to the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15205-15210. | 3.3 | 351 |
| 76 | Endodermal cyst presenting as a prenatally diagnosed large intracranial cyst. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 506-508. | 0.8 | 9 |
| 77 | Brown-Sequard syndrome caused by ossification of the ligamentum flavum. <i>Journal of Clinical Neuroscience</i> , 2007, 14, 887-890. | 0.8 | 7 |