

Yi-Wei Chen

List of Publications by Year in descending order

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92
papers

2,542
citations

218677

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all docs

93
docs citations

93
times ranked

3963
citing authors

#	ARTICLE	IF	CITATIONS
1	Oct-4 Expression Maintained Cancer Stem-Like Properties in Lung Cancer-Derived CD133-Positive Cells. PLoS ONE, 2008, 3, e2637.	2.5	444
2	Cationic polyurethanes-short branch PEI-mediated delivery of Mir145 inhibited epithelialâ€mesenchymal transdifferentiation and cancer stem-like properties and in lung adenocarcinoma. Journal of Controlled Release, 2012, 159, 240-250.	9.9	135
3	Impact of radiotherapy for pediatric CNS atypical teratoid/rhabdoid tumor (single institute) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	126
4	Cucurbitacin I Suppressed Stem-Like Property and Enhanced Radiation-Induced Apoptosis in Head and Neck Squamous Carcinomaâ€Derived CD44+ALDH1+ Cells. Molecular Cancer Therapeutics, 2010, 9, 2879-2892.	4.1	121
5	Identification of CD133-Positive Radioresistant Cells in Atypical Teratoid/ Rhabdoid Tumor. PLoS ONE, 2008, 3, e2090.	2.5	110
6	Lin28B/Let-7 Regulates Expression of Oct4 and Sox2 and Reprograms Oral Squamous Cell Carcinoma Cells to a Stem-like State. Cancer Research, 2015, 75, 2553-2565.	0.9	110
7	Epigenetic Regulation of the miR142-3p/Interleukin-6 Circuit in Glioblastoma. Molecular Cell, 2013, 52, 693-706.	9.7	83
8	Sox2, a stemness gene, regulates tumor-initiating and drug-resistant properties in CD133-positive glioblastoma stem cells. Journal of the Chinese Medical Association, 2016, 79, 538-545.	1.4	81
9	Resveratrol-Induced Apoptosis and Increased Radiosensitivity in CD133-Positive Cells Derived From Atypical Teratoid/Rhabdoid Tumor. International Journal of Radiation Oncology Biology Physics, 2009, 74, 219-228.	0.8	70
10	Fractionated Boron Neutron Capture Therapy in Locally Recurrent Head and Neck Cancer: A Prospective Phase I/II Trial. International Journal of Radiation Oncology Biology Physics, 2016, 95, 396-403.	0.8	66
11	Salvage Treatment for Recurrent Intracranial Germinoma After Reduced-Volume Radiotherapy: A Single-Institution Experience and Review of the Literature. International Journal of Radiation Oncology Biology Physics, 2012, 84, 639-647.	0.8	60
12	Evaluation of radiotherapy effect in resveratrol-treated medulloblastoma cancer stem-like cells. Child's Nervous System, 2009, 25, 543-550.	1.1	55
13	Change in treatment strategy for intracranial germinoma: Long-term follow-up experience at a single institute. Cancer, 2012, 118, 2752-2762.	4.1	53
14	Cisplatin-selected resistance is associated with increased motility and stem-like properties via activation of STAT3/Snail axis in atypical teratoid/rhabdoid tumor cells. Oncotarget, 2015, 6, 1750-1768.	1.8	51
15	Neuropsychological functions and quality of life in survived patients with intracranial germ cell tumors after treatment. Neuro-Oncology, 2013, 15, 1543-1551.	1.2	45
16	Musashi-1 regulates AKT-derived IL-6 autocrinal/paracrine malignancy and chemoresistance in glioblastoma. Oncotarget, 0, 7, 42485-42501.	1.8	45
17	Optimal Treatment for Intracranial Germinoma: Can We Lower Radiation Dose Without Chemotherapy?. International Journal of Radiation Oncology Biology Physics, 2010, 77, 980-987.	0.8	40
18	Celecoxib enhances radiosensitivity in medulloblastoma-derived CD133-positive cells. Child's Nervous System, 2010, 26, 1605-1612.	1.1	40

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19	MRI features of pediatric intracranial germ cell tumor subtypes. <i>Journal of Neuro-Oncology</i> , 2017, 134, 221-230.	2.9	39
20	Fractionated BNCT for locally recurrent head and neck cancer: Experience from a phase I/II clinical trial at Tsing Hua Open-Pool Reactor. <i>Applied Radiation and Isotopes</i> , 2014, 88, 23-27.	1.5	38
21	Efficacy of therapeutic play for pediatric brain tumor patients during external beam radiotherapy. <i>Child's Nervous System</i> , 2013, 29, 1123-1129.	1.1	33
22	Salvage Boron Neutron Capture Therapy for Malignant Brain Tumor Patients in Compliance with Emergency and Compassionate Use: Evaluation of 34 Cases in Taiwan. <i>Biology</i> , 2021, 10, 334.	2.8	33
23	Radiation recall pneumonitis induced by epidermal growth factor receptor-tyrosine kinase inhibitor in patients with advanced nonsmall-cell lung cancer. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 248-255.	1.4	32
24	MicroRNA142-3p Promotes Tumor-Initiating and Radioresistant Properties in Malignant Pediatric Brain Tumors. <i>Cell Transplantation</i> , 2014, 23, 669-690.	2.5	30
25	The experiences of family members in the year following the diagnosis of a child or adolescent with cancer: a qualitative systematic review. <i>JBI Database of Systematic Reviews and Implementation Reports</i> , 2015, 13, 293-329.	1.7	29
26	Musashi-1 Enhances Glioblastoma Cell Migration and Cytoskeletal Dynamics through Translational Inhibition of Tensin3. <i>Scientific Reports</i> , 2017, 7, 8710.	3.3	28
27	Musashi-1 promotes chemoresistant granule formation by PKR/eIF2 \pm signalling cascade in refractory glioblastoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1850-1861.	3.8	28
28	Using salvage Boron Neutron Capture Therapy (BNCT) for recurrent malignant brain tumors in Taiwan. <i>Applied Radiation and Isotopes</i> , 2020, 160, 109105.	1.5	28
29	Extended focal radiotherapy of 30Gy alone for intracranial synchronous bifocal germinoma: a single institute experience. <i>Child's Nervous System</i> , 2008, 24, 1315-1321.	1.1	27
30	TDP-43/HDAC6 axis promoted tumor progression and regulated nutrient deprivation-induced autophagy in glioblastoma. <i>Oncotarget</i> , 2017, 8, 56612-56625.	1.8	27
31	<p>Characteristics and toxicity assessment of electrospun gelatin/PCL nanofibrous scaffold loaded with graphene in vitro and in vivo</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3669-3678.	6.7	25
32	Multidisciplinary team discussion results in survival benefit for patients with stage III non-small-cell lung cancer. <i>PLoS ONE</i> , 2020, 15, e0236503.	2.5	25
33	Tumor Mesenchymal Stromal Cells Regulate Cell Migration of Atypical Teratoid Rhabdoid Tumor through Exosome-Mediated miR155/SMARCA4 Pathway. <i>Cancers</i> , 2019, 11, 720.	3.7	21
34	An Avascular Niche Created by Axitinib-Loaded PCL/Collagen Nanofibrous Membrane Stabilized Subcutaneous Chondrogenesis of Mesenchymal Stromal Cells. <i>Advanced Science</i> , 2021, 8, e2100351.	11.2	19
35	Factors affecting survival of medulloblastoma in children: the changing concept of management. <i>Child's Nervous System</i> , 2015, 31, 1687-1698.	1.1	18
36	Incidence and long-term outcome of postradiotherapy moyamoya syndrome in pediatric patients with primary brain tumors: a single institute experience in Taiwan. <i>Cancer Medicine</i> , 2016, 5, 2155-2160.	2.8	17

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37	MicroRNA-142-3p is involved in regulation of &em>MGMT expression in glioblastoma cells. <i>Cancer Management and Research</i> , 2018, Volume 10, 775-785.	1.9	17
38	Treatment strategies for initially disseminated intracranial germinomas. <i>Child's Nervous System</i> , 2012, 28, 557-563.	1.1	16
39	Outcomes of intracranial germinomaâ€™A retrospective multinational Asian study on effect of clinical presentation and differential treatment strategies. <i>Neuro-Oncology</i> , 2022, 24, 1389-1399.	1.2	15
40	Clinical considerations and surgical approaches for low-grade gliomas in deep hemispheric locations: thalamic lesions. <i>Child's Nervous System</i> , 2016, 32, 1895-1906.	1.1	13
41	Large cell/anaplastic medulloblastoma is associated with poor prognosisâ€™a retrospective analysis at a single institute. <i>Child's Nervous System</i> , 2017, 33, 1285-1294.	1.1	13
42	Musashi-1 promotes stress-induced tumor progression through recruitment of AGO2. <i>Theranostics</i> , 2020, 10, 201-217.	10.0	13
43	Gene Modified CAR-T Cellular Therapy for Hematologic Malignancies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8655.	4.1	13
44	Significance of cyclin D1 overexpression in progression and radio-resistance of pediatric ependymomas. <i>Oncotarget</i> , 2018, 9, 2527-2542.	1.8	12
45	Irradiation-Induced Secondary Tumors following Pediatric Central Nervous System Tumors: Experiences of a Single Institute in Taiwan (1975-2013). <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 1243-1252.	0.8	11
46	Suitability of boric acid as a boron drug for boron neutron capture therapy for hepatoma. <i>Applied Radiation and Isotopes</i> , 2020, 164, 109254.	1.5	11
47	Treatment results and prognostic factors for intracranial nongerminomatous germ cell tumors: single institute experience. <i>Child's Nervous System</i> , 2015, 31, 683-691.	1.1	10
48	Role of early and aggressive post-operative radiation therapy in improving outcome for pediatric central nervous system atypical teratoid/rhabdoid tumor. <i>Child's Nervous System</i> , 2019, 35, 1013-1020.	1.1	10
49	Musashi-1 Regulates MIF1-Mediated M2 Macrophage Polarization in Promoting Glioblastoma Progression. <i>Cancers</i> , 2021, 13, 1799.	3.7	10
50	Radiotherapy-related intracranial aneurysm: case presentation of a 17-year male and a meta-analysis based on individual patient data. <i>Child's Nervous System</i> , 2016, 32, 1641-1652.	1.1	9
51	Therapeutic Efficacy and Radiobiological Effects of Boric Acid-mediated BNCT in a VX2 Multifocal Liver Tumor-bearing Rabbit Model. <i>Anticancer Research</i> , 2019, 39, 5495-5504.	1.1	8
52	Molecular-Clinical Correlation in Pediatric Medulloblastoma: A Cohort Series Study of 52 Cases in Taiwan. <i>Cancers</i> , 2020, 12, 653.	3.7	8
53	The pattern of failure and predictors of locoregional control in lateralized buccogingival cancer after postoperative radiation therapy. <i>Journal of the Chinese Medical Association</i> , 2017, 80, 569-574.	1.4	7
54	Effect of early radiotherapy initiation and high-dose chemotherapy on the prognosis of pediatric atypical teratoid rhabdoid tumors in different age groups. <i>Journal of Neuro-Oncology</i> , 2020, 147, 619-631.	2.9	7

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55	The overview and prospects of BNCT facility at Tsing Hua Open-pool reactor. <i>Applied Radiation and Isotopes</i> , 2020, 161, 109143.	1.5	7
56	Anus-preservation treatment for anal cancer: Retrospective analysis at a single institution. <i>Journal of Surgical Oncology</i> , 2007, 96, 374-380.	1.7	6
57	Development of nordihydroguaiaretic acid derivatives as potential multidrug-resistant selective agents for cancer treatment. <i>RSC Advances</i> , 2015, 5, 107833-107838.	3.6	6
58	The Dosimetric Impact of Shifts in Patient Positioning during Boron Neutron Capture Therapy for Brain Tumors. <i>BioMed Research International</i> , 2018, 2018, 1-11.	1.9	6
59	Nuclear Theranostics in Taiwan. <i>Nuclear Medicine and Molecular Imaging</i> , 2019, 53, 86-91.	1.0	6
60	Similar T/N ratio between ¹⁸ F-FBPA diagnostic and BPA therapeutic dosages for boron neutron capture therapy in orthotropic tongue cancer model. <i>Annals of Nuclear Medicine</i> , 2020, 34, 58-64.	2.2	6
61	A single-center study of treatment outcomes of pediatric basal ganglia germinoma in Taiwan. <i>Child's Nervous System</i> , 2020, 36, 1745-1753.	1.1	6
62	The importance of optimal ROIs delineation for FBPA-PET before BNCT. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109219.	1.5	6
63	Nanodiamond-based microRNA delivery system promotes pluripotent stem cells toward myocardiogenic reprogramming. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 177-182.	1.4	6
64	The update of chimeric antigen receptor-T cells therapy in glioblastoma. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 442-445.	1.4	5
65	Preliminary dosimetric study on feasibility of multi-beam boron neutron capture therapy in patients with diffuse intrinsic pontine glioma without craniotomy. <i>PLoS ONE</i> , 2017, 12, e0180461.	2.5	5
66	Overt tumor regression after salvage boron neutron capture therapy (BNCT) for a recurrent glioblastoma patient. <i>Therapeutic Radiology and Oncology</i> , 0, 2, 48-48.	0.2	4
67	Prognostic factors related to intratumoral hemorrhage in pediatric intracranial germ cell tumors. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 133-137.	1.4	4
68	New Era of Immunotherapy in Pediatric Brain Tumors: Chimeric Antigen Receptor T-Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2404.	4.1	4
69	Bifocal lesions have a poorer treatment outcome than a single lesion in adult patients with intracranial germinoma. <i>PLoS ONE</i> , 2022, 17, e0264641.	2.5	4
70	Dosimetric comparison of Boron Neutron Capture Therapy, Proton Therapy and Volumetric Modulated Arc Therapy for Recurrent Anaplastic Meningioma. <i>Applied Radiation and Isotopes</i> , 2020, 166, 109301.	1.5	3
71	Comparison of Conventional and Radiomic Features between ¹⁸ F-FBPA PET/CT and PET/MR. <i>Biomolecules</i> , 2021, 11, 1659.	4.0	3
72	Compassionate Treatment of Brainstem Tumors with Boron Neutron Capture Therapy: A Case Series. <i>Life</i> , 2022, 12, 566.	2.4	3

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73	Synthesis of boron-containing tetrazoles under neutral microwave-assisted conditions. <i>Research on Chemical Intermediates</i> , 2019, 45, 5375-5388.	2.7	2
74	Emerging trends in gene-modified-based chimeric antigen receptor-engineered T-cellular therapy for malignant tumors: The lesson from leukemia to pediatric brain tumors. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 719-724.	1.4	2
75	Catalyst-free synthesis of borodepsipeptides using isocyno arylboronate under aqueous condition. <i>Research on Chemical Intermediates</i> , 2020, 46, 4841-4851.	2.7	2
76	Effects of stereotactic radiosurgery versus conventional radiotherapy on body mass index in patients with craniopharyngioma. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, , 1-7.	1.3	2
77	Can mixed pure hepatocellular carcinoma and germinoma arise together in the brain?. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 562-566.	1.4	1
78	Primary intracranial germ cell tumor with five distinct histologic components and bilateral pulmonary metastasis—a rare case report. <i>Child's Nervous System</i> , 2017, 33, 21-23.	1.1	1
79	The impact on outcomes by using thiotepa in tandem transplant for pediatric high-risk embryonal brain tumors. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 148-154.	1.4	1
80	Synthesis of multiple boron-containing analogs via Ugi-4CR. <i>Research on Chemical Intermediates</i> , 2019, 45, 103-118.	2.7	1
81	Visual light perceptions caused by medical linear accelerator: Findings of machine-learning algorithms in a prospective questionnaire-based case-control study. <i>PLoS ONE</i> , 2021, 16, e0247597.	2.5	1
82	Prevention and early management of carotid blowout syndrome for patients receiving head and neck salvage boron neutron capture therapy (BNCT). <i>Journal of Dental Sciences</i> , 2021, 16, 854-860.	2.5	1
83	HGG-05. REGRESSION OF RECURRENT GLIOBLASTOMA AFTER BORON NEUTRON CAPTURE THERAPY AND CHIMERIC ANTIGEN RECEPTOR T-CELL THERAPY IN A CHILD. <i>Neuro-Oncology</i> , 2020, 22, iii345-iii345.	1.2	1
84	Autophagy Reprogramming Stem Cell Pluripotency and Multiple-lineage Differentiation. <i>Journal of the Chinese Medical Association</i> , 2022, Publish Ahead of Print, .	1.4	1
85	Activation analysis of patients and establishment of release criteria following boron neutron capture therapy at Tsing Hua Open-Pool Reactor. <i>Radiation Physics and Chemistry</i> , 2022, 198, 110226.	2.8	1
86	IMMU-06. PEMBROLIZUMAB AS SALVAGE TREATMENT IN CHILDREN WITH RECURRENT DIFFUSE MIDLINE GLIOMA: REPORT OF THREE CASES. <i>Neuro-Oncology</i> , 2018, 20, i99-i99.	1.2	0
87	Salvage surgery after definitive chemoradiotherapy through VATS for an initial unresectable locally advanced lung cancer: an alternative consolidative modality to radiotherapy?. <i>Surgical Case Reports</i> , 2021, 7, 138.	0.6	0
88	Strategic Decoy Peptides Interfere with MSI1/AGO2 Interaction to Elicit Tumor Suppression Effects. <i>Cancers</i> , 2022, 14, 505.	3.7	0
89	Indolent enhancing spinal lesions mimicking spinal metastasis in pediatric patients with malignant primary brain tumors. <i>Scientific Reports</i> , 2022, 12, 1728.	3.3	0
90	Protection-Free Strategy for the Synthesis of Boro-Depsipeptides in Aqueous Media under Microwave-Assisted Conditions. <i>Molecules</i> , 2022, 27, 2325.	3.8	0

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91	RT-5 Boron Neutron Capture Therapy has extended progression-free survival about recurrent malignant peripheral nerve sheath tumor - A case report. <i>Neuro-Oncology Advances</i> , 2021, 3, vi15-vi15.	0.7	0
92	Robust Synthesis of Tetraâ€Boronate Esters Analogues and the Corresponding Boronic Acids Derivatives. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	0