

Yu-Chun Lin

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

527
citations

840776

11
h-index

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all docs

37
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37
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical impact of a deep learning system for automated detection of missed pulmonary nodules on routine body computed tomography including the chest region. <i>European Radiology</i> , 2022, 32, 2891-2900.	4.5	4
2	Magnetic Resonance-Based Synthetic Computed Tomography Using Generative Adversarial Networks for Intracranial Tumor Radiotherapy Treatment Planning. <i>Journal of Personalized Medicine</i> , 2022, 12, 361.	2.5	3
3	Deep learning based diagnosis of Parkinson's Disease using diffusion magnetic resonance imaging. <i>Brain Imaging and Behavior</i> , 2022, 16, 1749-1760.	2.1	13
4	Drosophila Model for Studying Gut Microbiota in Behaviors and Neurodegenerative Diseases. <i>Biomedicines</i> , 2022, 10, 596.	3.2	12
5	Computer-Aided Segmentation and Machine Learning of Integrated Clinical and Diffusion-Weighted Imaging Parameters for Predicting Lymph Node Metastasis in Endometrial Cancer. <i>Cancers</i> , 2021, 13, 1406.	3.7	22
6	Fixel-Based Analysis of White Matter Degeneration in Patients With Progressive Supranuclear Palsy or Multiple System Atrophy, as Compared to Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 625874.	3.4	10
7	IVIM Parameters on MRI Could Predict ISUP Risk Groups of Prostate Cancers on Radical Prostatectomy. <i>Frontiers in Oncology</i> , 2021, 11, 659014.	2.8	1
8	Fixel-Based Analysis Effectively Identifies White Matter Tract Degeneration in Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 711651.	2.8	5
9	Deep learning for fully automated tumor segmentation and extraction of magnetic resonance radiomics features in cervical cancer. <i>European Radiology</i> , 2020, 30, 1297-1305.	4.5	58
10	Prediction of the Clinical Severity of Progressive Supranuclear Palsy by Diffusion Tensor Imaging. <i>Journal of Clinical Medicine</i> , 2020, 9, 40.	2.4	6
11	Multimodal imaging reveals transient liver metabolic disturbance and sinusoidal circulation obstruction after a single administration of ketamine/xylazine mixture. <i>Scientific Reports</i> , 2020, 10, 3657.	3.3	3
12	A Method for the Prediction of Clinical Outcome Using Diffusion Magnetic Resonance Imaging: Application on Parkinson's Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 647.	2.4	7
13	Left Ventricular Function and Myocardial Triglyceride Content on 3T Cardiac MR Predict Major Cardiovascular Adverse Events and Readmission in Patients Hospitalized with Acute Heart Failure. <i>Journal of Clinical Medicine</i> , 2020, 9, 169.	2.4	9
14	Prognostic model based on magnetic resonance imaging, whole-tumour apparent diffusion coefficient values and HPV genotyping for stage IB-IV cervical cancer patients following chemoradiotherapy. <i>European Radiology</i> , 2019, 29, 556-565.	4.5	11
15	The effect of spatial resolution on the reproducibility of diffusion imaging when controlled signal to noise ratio. <i>Biomedical Journal</i> , 2019, 42, 268-276.	3.1	8
16	Presynaptic SNAP-25 regulates retinal waves and retinogeniculate projection via phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3262-3267.	7.1	4
17	Renal perfusion assessment using magnetic nanoparticles with 7T dynamic susceptibility contrast MRI in rats. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 475, 76-82.	2.3	5
18	Developing and validating a multivariable prediction model to improve the diagnostic accuracy in determination of cervical versus endometrial origin of uterine adenocarcinomas: A prospective MR study combining diffusion-weighted imaging and spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1654-1666.	3.4	9

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19	Metabolic Volumetric Parameters in ¹¹ C-Choline PET/MR Are Superior PET Imaging Biomarkers for Primary High-Risk Prostate Cancer. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	11
20	Early Imaging Biomarker of Myocardial Glucose Adaptations in High-Fat-Diet-Induced Insulin Resistance Model by Using ¹⁸ F-FDG PET and [¹³ C]glucose Nuclear Magnetic Resonance Tracer. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	3
21	Diffusion radiomics analysis of intratumoral heterogeneity in a murine prostate cancer model following radiotherapy: Pixelwise correlation with histology. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 483-489.	3.4	34
22	Endometrial cancer with cervical stromal invasion: diagnostic accuracy of diffusion-weighted and dynamic contrast enhanced MR imaging at 3T. <i>European Radiology</i> , 2017, 27, 1867-1876.	4.5	46
23	¹ H MR spectroscopy in cervical carcinoma using external phase array body coil at 3.0 Tesla: Prediction of poor prognostic human papillomavirus genotypes. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 899-907.	3.4	10
24	Early Response Monitoring Following Radiation Therapy by Using [¹⁸ F]FDG and [¹¹ C]Acetate PET in Prostate Cancer Xenograft Model with Metabolomics Corroboration. <i>Molecules</i> , 2017, 22, 1946.	3.8	4
25	Predictive value of ¹ H MR spectroscopy and ¹⁸ F-FDG PET/CT for local control of advanced oropharyngeal and hypopharyngeal squamous cell carcinoma receiving chemoradiotherapy: a prospective study. <i>Oncotarget</i> , 2017, 8, 115513-115525.	1.8	2
26	Myocardial triglyceride content at 3T cardiovascular magnetic resonance and left ventricular systolic function: a cross-sectional study in patients hospitalized with acute heart failure. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 9.	3.3	14
27	Dynamic contrast-enhanced MRI, diffusion-weighted MRI and ¹⁸ F-FDG PET/CT for the prediction of survival in oropharyngeal or hypopharyngeal squamous cell carcinoma treated with chemoradiation. <i>European Radiology</i> , 2016, 26, 4162-4172.	4.5	55
28	Seroepidemiology for measles among elementary school children in Northern Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 561-566.	3.1	1
29	Clinical Utility of Multimodality Imaging with Dynamic Contrast-Enhanced MRI, Diffusion-Weighted MRI, and ¹⁸ F-FDG PET/CT for the Prediction of Neck Control in Oropharyngeal or Hypopharyngeal Squamous Cell Carcinoma Treated with Chemoradiation. <i>PLoS ONE</i> , 2014, 9, e115933.	2.5	53
30	Tract-Based Spatial Statistics: Application to Mild Cognitive Impairment. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	9
31	The Prognostic Values of Leukocyte Rho Kinase Activity in Acute Ischemic Stroke. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	10
32	Phosphomimetic Mutation of Cysteine String Protein- $\hat{1}$ Increases the Rate of Regulated Exocytosis by Modulating Fusion Pore Dynamics in PC12 Cells. <i>PLoS ONE</i> , 2014, 9, e99180.	2.5	16
33	Noninvasive Monitoring of Microvascular Changes With Partial Irradiation Using Dynamic Contrast-Enhanced and Blood Oxygen Level-Dependent Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 1367-1374.	0.8	17
34	Blind estimation of the arterial input function in dynamic contrast-enhanced MRI using purity maximization. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1439-1449.	3.0	16
35	Contrast-enhanced carotid magnetic resonance angiography: comparison of single-dose and double-dose of gadolinium using the randomly segmented central k-space ordering technique. <i>Chang Gung Medical Journal</i> , 2005, 28, 485-91.	0.7	0
36	Helical computed tomography of the abdomen: evaluation of image quality using 1.0, 1.3, and 1.5 pitches. <i>Chang Gung Medical Journal</i> , 2002, 25, 104-9.	0.7	0

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37	Telomerase activity in peripheral blood for diagnosis of hepatoma. Journal of Gastroenterology and Hepatology (Australia), 2000, 15, 1064-1070.	2.8	36