

Yi-Jui Liu

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

965
citations

430874

18
h-index

454955

30
g-index

50
all docs

50
docs citations

50
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-shot <sc>Diffusion-Weighted MRI</sc> With Multiplexed Sensitivity Encoding (<sc>MUSE</sc>) in the Assessment of Active Inflammation in Crohn's Disease. Journal of Magnetic Resonance Imaging, 2022, 55, 126-137.	3.4	9
2	Improving diagnosing performance for malignant parotid gland tumors using machine learning with multifeatures based on diffusion-weighted magnetic resonance imaging. NMR in Biomedicine, 2022, 35, e4642.	2.8	2
3	Common Subtype of Small Renal Mass MR Imaging Characterisation: A Medical Center Experience in Taiwan. Journal of Medical and Biological Engineering, 2022, 42, 87-97.	1.8	1
4	Improving interobserver agreement and performance of deep learning models for segmenting acute ischemic stroke by combining DWI with optimized ADC thresholds. European Radiology, 2022, 32, 5371-5381.	4.5	6
5	Classification of parotid gland tumors by using multimodal MRI and deep learning. NMR in Biomedicine, 2021, 34, e4408.	2.8	35
6	Quantifying lumbar vertebral perfusion by a Tofts model on DCE-MRI using segmental versus aortic arterial input function. Scientific Reports, 2021, 11, 2920.	3.3	2
7	Editorial for "Cortical Bone Mechanical Assessment via Free Water Relaxometry at <sc>3â€°T</sc>". Journal of Magnetic Resonance Imaging, 2021, 54, 1752-1753.	3.4	0
8	Gender interactions between vertebral bone mineral density and fat content in the elderly: Assessment using fat-water MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 1382-1389.	3.4	10
9	Imaging quality of PROPELLER diffusion-weighted MR imaging and its diagnostic performance in distinguishing pleomorphic adenomas from Warthin tumors of the parotid gland. NMR in Biomedicine, 2020, 33, e4282.	2.8	9
10	Application of a commercial single-port device for robotic single-incision distal pancreatectomy: initial experience. Surgery Today, 2018, 48, 680-686.	1.5	9
11	Manipulating the Temperature of Sulfurization to Synthesize Î±-NiS Nanosphere Film for Long-Term Preservation of Non-enzymatic Glucose Sensors. Nanoscale Research Letters, 2018, 13, 109.	5.7	4
12	Proton change of parotid glands after gustatory stimulation examined by magnetic resonance imaging. NMR in Biomedicine, 2018, 31, e3885.	2.8	1
13	Are bone marrow obesity and ischemia related to osteoporosis in older adults?. Osteoporosis and Sarcopenia, 2017, 3, S49-S50.	1.9	0
14	EZH2 in Cancer Progression and Potential Application in Cancer Therapy: A Friend or Foe?. International Journal of Molecular Sciences, 2017, 18, 1172.	4.1	73
15	Influence of amplitude-related perfusion parameters in the parotid glands by non-fat-saturated dynamic contrast-enhanced magnetic resonance imaging. Medical Physics, 2016, 43, 1873-1881.	3.0	2
16	Prevalence of Osteoporosis and Low Bone Mass in Older Chinese Population Based on Bone Mineral Density at Multiple Skeletal Sites. Scientific Reports, 2016, 6, 25206.	3.3	38
17	Evaluating Instantaneous Perfusion Responses of Parotid Glands to Gustatory Stimulation Using High-Temporal-Resolution Echo-Planar Diffusion-Weighted Imaging. American Journal of Neuroradiology, 2016, 37, 1909-1915.	2.4	5
18	Fabrication of Periodic 3D Nanostructuration for Optical Surfaces by Holographic Two-Photon-Polymerization. International Journal of Information and Electronics Engineering, 2016, 6, 151-154.	0.2	1

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19	Temporal Evolution of Parotid Volume and Parotid Apparent Diffusion Coefficient in Nasopharyngeal Carcinoma Patients Treated by Intensity-Modulated Radiotherapy Investigated by Magnetic Resonance Imaging: A Pilot Study. PLoS ONE, 2015, 10, e0137073.	2.5	24
20	Laser direct writing 3D structures for microfluidic channels: flow meter and mixer. , 2015, , .		3
21	A simple and direct reading flow meter fabricated by two-photon polymerization for microfluidic channel. Microfluidics and Nanofluidics, 2015, 18, 427-431.	2.2	28
22	A Potential Risk of Overestimating Apparent Diffusion Coefficient in Parotid Glands. PLoS ONE, 2015, 10, e0124118.	2.5	12
23	Laser-induced cross-linking GFP-AcmA ² bioprobe for screening Gram-positive bacteria on a biochip. RSC Advances, 2014, 4, 62882-62887.	3.6	3
24	Intracerebral Implantation of Autologous Peripheral Blood Stem Cells in Stroke Patients: A Randomized Phase II Study. Cell Transplantation, 2014, 23, 1599-1612.	2.5	85
25	Effects of gender, age, and body mass index on fat contents and apparent diffusion coefficients in healthy parotid glands: an MRI evaluation. European Radiology, 2014, 24, 2069-2076.	4.5	30
26	Measuring steady-state cerebral vasomotor reactivity using non-triggered phase-contrast magnetic resonance imaging. Magnetic Resonance Imaging, 2014, 32, 487-490.	1.8	0
27	Hematoma Shape, Hematoma Size, Glasgow Coma Scale Score and ICH Score: Which Predicts the 30-Day Mortality Better for Intracerebral Hematoma?. PLoS ONE, 2014, 9, e102326.	2.5	42
28	Parotid perfusion in nasopharyngeal carcinoma patients in early-to-intermediate stage after low-dose intensity-modulated radiotherapy: Evaluated by fat-saturated dynamic contrast-enhanced magnetic resonance imaging. Magnetic Resonance Imaging, 2013, 31, 1278-1284.	1.8	9
29	Reproducibility of corticospinal diffusion tensor tractography in normal subjects and hemiparetic stroke patients. European Journal of Radiology, 2013, 82, e610-e616.	2.6	19
30	Parotid Fat Contents in Healthy Subjects Evaluated with Iterative Decomposition with Echo Asymmetry and Least Squares Fat-Water Separation. Radiology, 2013, 267, 918-923.	7.3	16
31	New biondiagnostics based on optical tweezers: typing red blood cells, and identification of drug resistant bacteria. Proceedings of SPIE, 2013, , .	0.8	0
32	Optically Driven Mobile Integrated Micro-Tools for a Lab-on-a-Chip. Actuators, 2013, 2, 19-26.	2.3	11
33	Optically Driven Gear-Based Mechanical Microtransducer for a Lab-on-a-Chip. Journal of Neuroscience and Neuroengineering, 2013, 2, 58-60.	0.2	3
34	The cerebral vasomotor response in varying CO ₂ concentrations, as evaluated using cine phase contrast MRI: Flow, volume, and cerebrovascular resistance indices. Medical Physics, 2012, 39, 6534-6541.	3.0	5
35	Preliminary study of lever-based optical driven micro-actuator. , 2012, , .		3
36	Consistency of breast density measured from the same women in four different MR scanners. Medical Physics, 2012, 39, 4886-4895.	3.0	8

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37	Multiplying optical tweezers force using a micro-lever. Optics Express, 2011, 19, 20604.	3.4	33
38	Relationship of Idiopathic Osteonecrosis of the Femoral Head to Perfusion Changes in the Proximal Femur by Dynamic Contrast-Enhanced MRI. American Journal of Roentgenology, 2011, 196, 637-643.	2.2	42
39	Recurrent Pain After Percutaneous Vertebroplasty. American Journal of Roentgenology, 2010, 194, 1323-1329.	2.2	24
40	Intervertebral Disk Degeneration Related to Reduced Vertebral Marrow Perfusion at Dynamic Contrast-Enhanced MRI. American Journal of Roentgenology, 2009, 192, 974-979.	2.2	25
41	Perfusion characteristics of late radiation injury of parotid glands: quantitative evaluation with dynamic contrast-enhanced MRI. European Radiology, 2009, 19, 94-102.	4.5	45
42	Volume-dependent overestimation of spontaneous intracerebral hematoma volume by the ABC/2 formula. Acta Radiologica, 2009, 50, 306-311.	1.1	44
43	T2 measurement of the human myocardium using aT2-prepared transient-state trueFISP sequence. Magnetic Resonance in Medicine, 2007, 57, 960-966.	3.0	114
44	Tensor deflection (TEND) tractography with adaptive subvoxel stepping. Journal of Magnetic Resonance Imaging, 2006, 24, 451-458.	3.4	9
45	Acute putaminal necrosis and white matter demyelination in a child with subnormal copper metabolism in Wilson disease: MR imaging and spectroscopic findings. Neuroradiology, 2005, 47, 401-405.	2.2	21
46	Supratentorial Cerebrospinal Fluid Production Rate in Healthy Adults: Quantification with Two-dimensional Cine Phase-Contrast MR Imaging with High Temporal and Spatial Resolution. Radiology, 2004, 233, 603-608.	7.3	74
47	Neuronal Damage after Ischemic Injury in the Middle Cerebral Arterial Territory: Deep Watershed versus Territorial Infarction at MR Perfusion and Spectroscopic Imaging. Radiology, 2003, 229, 366-374.	7.3	16
48	A Reinvestigation of Maximal Signal Drop in Dynamic Susceptibility Contrast Magnetic Resonance Imaging. Journal of Neuroimaging, 2002, 12, 330-338.	2.0	10