Dee Wu

List of Publications by Year
in descending order

35 papers	945 citations	623734 14 h-index	552781 26 g-index
35 all docs	35 docs citations	35 times ranked	1789 citing authors

#	Article	IF	Citations
1	Brain Activation During Silent Word Generation Evaluated with Functional MRI. Brain and Language, 1998, 64, 231-256.	1.6	144
2	Measurement of Signal-to-Noise and Contrast-to-Noise in the fBIRN Multicenter Imaging Study. Journal of Digital Imaging, 2006, 19, 140-147.	2.9	140
3	Cortical Localization of Human Sustained Attention: Detection with Functional MR Using a Visual Vigilance Paradigm. Journal of Computer Assisted Tomography, 1996, 20, 695-701.	0.9	120
4	Predicting Control of Primary Tumor and Survival by DCE MRI During Early Therapy in Cervical Cancer. Investigative Radiology, 2009, 44, 343-350.	6.2	91
5	Evaluation of the GTRACT diffusion tensor tractography algorithm: A validation and reliability study. NeuroImage, 2006, 31, 1075-1085.	4.2	53
6	White matter connections of the inferior parietal lobule: A study of surgical anatomy. Brain and Behavior, 2017, 7, e00640.	2.2	53
7	An in silico inter-subject variability study of extra-thoracic morphology effects on inhaled particle transport and deposition. Journal of Aerosol Science, 2018, 123, 185-207.	3.8	53
8	*In vivo* detection of c‑Met expression in a rat C6 glioma model. Journal of Cellular and Molecular Medicine, 2008, 12, 174-186.	3.6	52
9	The crossed frontal aslant tract: A possible pathway involved in the recovery of supplementary motor area syndrome. Brain and Behavior, 2018, 8, e00926.	2.2	52
10	Functional magnetic resonance imaging in schizophrenia: initial methodology and evaluation of the motor cortex. Psychiatry Research - Neuroimaging, 1997, 74, 13-23.	1.8	35
11	Assessment of cerebral blood flow reserve using functional magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 1996, 6, 718-725.	3.4	31
12	Chance Fracture of the Upper Thoracic Spine. American Journal of Roentgenology, 2004, 183, 1475-1478.	2.2	26
13	Anti-cancer activity of nitrones in the *Apc*$^{Min/+}$ model of colorectal cancer. Free Radical Research, 2010, 44, 108-117.	3.3	22
14	Supercomputing in plain english. SIGCSE Bulletin, 2008, 40, 27-30.	0.1	15
15	Modern Neonatal Transport: Sound and Vibration Levels and Their Impact on Physiological Stability. American Journal of Perinatology, 2019, 36, 352-359.	1.4	10
16	Teaching high performance computing via videoconferencing. ACM Inroads, 2010, 1, 67-71.	0.6	9
17	Physical Forces in Glioblastoma Migration: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 4055.	4.1	7
18	Proton Exchange Magnetic Resonance Imaging: Current and Future Applications in Psychiatric Research. Frontiers in Psychiatry, 2020, 11, 532606.	2.6	6

#	Article	IF	Citations
19	1060. International Journal of Radiation Oncology Biology Physics, 2006, 66, S164.	0.8	4
20	Iterative active deformational methodology for tumor delineation: Evaluation across radiation treatment stage and volume. Journal of Magnetic Resonance Imaging, 2008, 28, 1188-1194.	3.4	4
21	Urinary Biomarkers of Oxidative Stress in Aging: Implications for Prediction of Accelerated Biological Age in Prospective Cohort Studies. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	4.0	4
22	Accuracy of proton stopping power estimation of silicone breast implants with single and dual€energy CT calibration techniques. Journal of Applied Clinical Medical Physics, 2021, 22, 159-170.	1.9	3
23	Carbon Nanotube Enhanced Shape Memory Polymer Nanocomposites for Development of Biomedical Devices. Journal of Nanomedicine Research, 2017, 6, .	1.8	3
24	Progression of an untreated pseudotumor. Haemophilia, 2017, 23, e464-e466.	2.1	2
25	Implementation of a computer-aided detection tool for quantification of intracranial radiologic markers on brain CT images. , 2017, , .		2
26	EEG fluctuations of wake and sleep in mild cognitive impairment. , 2017, 2017, 3612-3615.		2
27	Early Prediction of Treatment Outcome: Functional MR Imaging and Standard Clinical Prognostic Factors in Advanced Cervical Cancer. International Journal of Radiation Oncology Biology Physics, 2005, 63, S97.	0.8	1
28	Comparison of computed tomography shielding design methods using RadShield. Journal of Radiological Protection, 2017, 37, 492-505.	1.1	1
29	Inter-observer variation in tumor delineation for imaging-based radiotherapy planning among and within different specialties. International Journal of Radiation Oncology Biology Physics, 2004, 60, S483-S484.	0.8	0
30	The 4th Dimension of Tumor Volume: Dynamic Volumetric Tumor Regression Analysis in Cervical Cancer and Radiation Therapy Outcome. International Journal of Radiation Oncology Biology Physics, 2005, 63, S215-S216.	0.8	0
31	Spatial Smoothness and Image Analysis in Statistical Brain Mapping for functional Magnetic Resonance (fMRI) and Positron Emission Tomography (PET). , 0, , .		0
32	Improved method for correction of systematic bias introduced by the sub-voxel image registration process in functional magnetic resonance imaging (fMRI). , 2006, , .		0
33	Partial volume correction of magnetic resonance spectroscopic imaging. , 2007, , .		0
34	Chemical and Physiological Change from Calcium Carbonate to Calcium Phosphate in Skeletal Structures. Insights of Biomedical Research, 2021, 5, .	0.2	0
35	SU€GG€T€563: System for Treating Tumors with Necrotic Cores: Modeling and Experimental Results. Medical Physics, 2010, 37, 3316-3317.	3.0	0