# Dee Wu

## List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Physical Forces in Glioblastoma Migration: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 4055. | 4.1 | 7 |
| 2 | 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 |
| 3 | Chemical and Physiological Change from Calcium Carbonate to Calcium Phosphate in Skeletal Structures. Insights of Biomedical Research, 2021, 5, . | 0.2 | 0 |
| 4 | Accuracy of proton stopping power estimation of silicone breast implants with single and dualâ€energy CT calibration techniques. Journal of Applied Clinical Medical Physics, 2021, 22, 159-170. | 1.9 | 3 |
| 5 | Proton Exchange Magnetic Resonance Imaging: Current and Future Applications in Psychiatric Research. Frontiers in Psychiatry, 2020, 11, 532606. | 2.6 | 6 |
| 6 | Modern Neonatal Transport: Sound and Vibration Levels and Their Impact on Physiological Stability. American Journal of Perinatology, 2019, 36, 352-359. | 1.4 | 10 |
| 7 | 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 |
| 8 | 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 |
| 9 | Comparison of computed tomography shielding design methods using RadShield. Journal of Radiological Protection, 2017, 37, 492-505. | 1.1 | 1 |
| 10 | White matter connections of the inferior parietal lobule: A study of surgical anatomy. Brain and Behavior, 2017, 7, e00640. | 2.2 | 53 |
| 11 | Progression of an untreated pseudotumor. Haemophilia, 2017, 23, e464-e466. | 2.1 | 2 |
| 12 | Implementation of a computer-aided detection tool for quantification of intracranial radiologic markers on brain CT images. , 2017, , . |  | 2 |
| 13 | EEG fluctuations of wake and sleep in mild cognitive impairment. , 2017, 2017, 3612-3615. |  | 2 |
| 14 | Carbon Nanotube Enhanced Shape Memory Polymer Nanocomposites for Development of Biomedical Devices. Journal of Nanomedicine Research, 2017, 6, . | 1.8 | 3 |
| 15 | Teaching high performance computing via videoconferencing. ACM Inroads, 2010, 1, 67-71. | 0.6 | 9 |
| 16 | Anti-cancer activity of nitrones in the $Apc^{Min/+}$ model of colorectal cancer. Free Radical Research, 2010, 44, 108-117. | 3.3 | 22 |
| 17 | SUâ€GGâ€Tâ€563: System for Treating Tumors with Necrotic Cores: Modeling and Experimental Results. Medical Physics, 2010, 37, 3316-3317. | 3.0 | 0 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | *In vivo* detection of câ€Met expression in a rat C6 glioma model. Journal of Cellular and Molecular Medicine, 2008, 12, 174-186. | 3.6 | 52 |
| 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 | Supercomputing in plain english. SIGCSE Bulletin, 2008, 40, 27-30. | 0.1 | 15 |
| 22 | Partial volume correction of magnetic resonance spectroscopic imaging. , 2007, , . | | 0 |
| 23 | Evaluation of the GTRACT diffusion tensor tractography algorithm: A validation and reliability study. NeuroImage, 2006, 31, 1075-1085. | 4.2 | 53 |
| 24 | Improved method for correction of systematic bias introduced by the sub-voxel image registration process in functional magnetic resonance imaging (fMRI). , 2006, , . | | 0 |
| 25 | 1060. International Journal of Radiation Oncology Biology Physics, 2006, 66, S164. | 0.8 | 4 |
| 26 | 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 |
| 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 | 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 |
| 29 | Chance Fracture of the Upper Thoracic Spine. American Journal of Roentgenology, 2004, 183, 1475-1478. | 2.2 | 26 |
| 30 | 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 |
| 31 | Brain Activation During Silent Word Generation Evaluated with Functional MRI. Brain and Language, 1998, 64, 231-256. | 1.6 | 144 |
| 32 | Functional magnetic resonance imaging in schizophrenia: initial methodology and evaluation of the motor cortex. Psychiatry Research - Neuroimaging, 1997, 74, 13-23. | 1.8 | 35 |
| 33 | Assessment of cerebral blood flow reserve using functional magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 1996, 6, 718-725. | 3.4 | 31 |
| 34 | 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 |
| 35 | Spatial Smoothness and Image Analysis in Statistical Brain Mapping for functional Magnetic Resonance (fMRI) and Positron Emission Tomography (PET). , 0, , . | | 0 |