Ming Yang

List of Publications by Year
in descending order

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25 papers	766 citations	687363 13 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	1055 citing authors

#	Article	IF	Citations
1	Design and validation of a synchrotron proton beam line for FLASH radiotherapy preclinical research experiments. Medical Physics, 2022, 49, 497-509.	3.0	16
2	Simultaneous Image Reconstruction and Element Decomposition for Iodine Contrast Agent Visualization in Multienergy Element-Resolved Cone Beam CT. Frontiers in Oncology, 2022, 12, 827136.	2.8	1
3	YBX3 Mediates the Metastasis of Nasopharyngeal Carcinoma via PI3K/AKT Signaling. Frontiers in Oncology, 2021, 11, 617621.	2.8	12
4	Radiation Therapy for Pediatric Brain Tumors using Robotic Radiation Delivery System and Intensity Modulated Proton Therapy. Practical Radiation Oncology, 2020, 10, e173-e182.	2.1	5
5	Technical Note: A feasibility study on deep learningâ€based radiotherapy dose calculation. Medical Physics, 2020, 47, 753-758.	3.0	33
6	Effect of recombinant human insulin-like growth factor 1 therapy in a child with 3-M syndrome-1 with CUL7 gene mutation. Journal of Pediatric Endocrinology and Metabolism, 2020, 33, 1609-1612.	0.9	2
7	Optimal energy selection for proton stopping-power-ratio estimation using dual-energy CT-based monoenergetic imaging. Physics in Medicine and Biology, 2019, 64, 195015.	3.0	9
8	A method to reconstruct intra-fractional liver motion in rotational radiotherapy using linear fiducial markers. Physics in Medicine and Biology, 2019, 64, 225013.	3.0	5
9	Generating synthesized computed tomography (CT) from cone-beam computed tomography (CBCT) using CycleGAN for adaptive radiation therapy. Physics in Medicine and Biology, 2019, 64, 125002.	3.0	170
10	Systematic analysis of the impact of imaging noise on dualâ€energy CT â€based proton stopping power ratio estimation. Medical Physics, 2019, 46, 2251-2263.	3.0	14
11	Trans-vaccenic acid inhibits proliferation and induces apoptosis of human nasopharyngeal carcinoma cells via a mitochondrial-mediated apoptosis pathway. Lipids in Health and Disease, 2019, 18, 46.	3.0	18
12	Role of miRâ€223â€3p in pulmonary arterial hypertension via targeting ITGB3 in the ECM pathway. Cell Proliferation, 2019, 52, e12550.	5.3	46
13	Material elemental decomposition in dual and multiâ€energy CT via a sparsityâ€dictionary approach for proton stopping power ratio calculation. Medical Physics, 2018, 45, 1491-1503.	3.0	15
14	Three-dimensional printer-aided casting of soft, custom silicone boluses (SCSBs) for head and neck radiation therapy. Practical Radiation Oncology, 2018, 8, e167-e174.	2.1	25
15	Analysis of geometric variation of neck node levels during image-guided radiotherapy for nasopharyngeal carcinoma: recommended planning margins. Quantitative Imaging in Medicine and Surgery, 2018, 8, 637-647.	2.0	11
16	Multienergy elementâ€resolved cone beam <scp>CT</scp> (<scp>MEER</scp>â€<scp>CBCT</scp>) realized on a conventional <scp>CBCT</scp> platform. Medical Physics, 2018, 45, 4461-4470.	3.0	10
17	Optimized multiparametric flow cytometric analysis of circulating endothelial cells and their subpopulations in peripheral blood of patients with solid tumors: a technical analysis. Cancer Management and Research, 2018, Volume 10, 447-464.	1.9	3
18	Multienergy Cone-Beam Computed Tomography Reconstruction with a Spatial Spectral Nonlocal Means Algorithm. SIAM Journal on Imaging Sciences, 2018, 11, 1205-1229.	2.2	16

#	Article	IF	Citations
19	Stereotactic Ablative Radiotherapy Uncertainties: Delineation, Setup and Motion. Seminars in Radiation Oncology, 2018, 28, 207-217.	2.2	35
20	Automated high-dose rate brachytherapy treatment planning for a single-channel vaginal cylinder applicator. Physics in Medicine and Biology, 2017, 62, 4361-4374.	3.0	20
21	Risk factors for hospitalization of children with congenital adrenal hyperplasia. Clinical Endocrinology, 2017, 86, 669-673.	2.4	7
22	Comprehensive analysis of proton range uncertainties related to patient stopping-power-ratio estimation using the stoichiometric calibration. Physics in Medicine and Biology, 2012, 57, 4095-4115.	3.0	273
23	MOâ€FFâ€A3â€06: Does KVâ€MV Dualâ€Energy Computed Tomography Have an Advantage in Measuring Proton Stopping Power Ratio in Patients?. Medical Physics, 2010, 37, 3365-3365.	3.0	0
24	Improvements in medical CT image reconstruction accuracy in the presence of metal objects by using x-rays up to 1 MeV. Proceedings of SPIE, 2009, , .	0.8	1
25	Improving accuracy of electron density measurement in the presence of metallic implants using orthovoltage computed tomography. Medical Physics, 2008, 35, 1932-1941.	3.0	19