Dimitre Hristov

List of Publications by Year
in descending order

24	301	933410 10	888047 17
papers	citations	h-index	g-index

24	24	24	572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	VEGFR2-Targeted Three-Dimensional Ultrasound Imaging Can Predict Responses to Antiangiogenic Therapy in Preclinical Models of Colon Cancer. Cancer Research, 2016, 76, 4081-4089.	0.9	38
2	Quantitative Three-Dimensional Dynamic Contrast-Enhanced Ultrasound Imaging: First-In-Human Pilot Study in Patients with Liver Metastases. Theranostics, 2017, 7, 3745-3758.	10.0	35
3	Three-dimensional Dynamic Contrast-enhanced US Imaging for Early Antiangiogenic Treatment Assessment in a Mouse Colon Cancer Model. Radiology, 2015, 277, 424-434.	7.3	32
4	Ultrasound Imaging in Radiation Therapy: From Interfractional to Intrafractional Guidance. Cureus, 2015, 7, e280.	0.5	30
5	Early prediction of tumor response to bevacizumab treatment in murine colon cancer models using three-dimensional dynamic contrast-enhanced ultrasound imaging. Angiogenesis, 2017, 20, 547-555.	7.2	26
6	Intra-Animal Comparison between Three-dimensional Molecularly Targeted US and Three-dimensional Dynamic Contrast-enhanced US for Early Antiangiogenic Treatment Assessment in Colon Cancer. Radiology, 2017, 282, 443-452.	7.3	25
7	Trajectory Modulated Arc Therapy: A Fully Dynamic Delivery With Synchronized Couch and Gantry Motion Significantly Improves Dosimetric Indices Correlated With Poor Cosmesis inÂAccelerated Partial Breast Irradiation. International Journal of Radiation Oncology Biology Physics, 2015, 92, 1148-1156.	0.8	18
8	Robotic intrafractional US guidance for liver SABR: System design, beam avoidance, and clinical imaging. Medical Physics, 2016, 43, 5951-5963.	3.0	17
9	Monte Carlo modeling of ultrasound probes for image guided radiotherapy. Medical Physics, 2015, 42, 5745-5756.	3.0	16
10	Pilot study of combined <scp>FDG</scp>â€<scp>PET</scp> and dynamic contrastâ€enhanced <scp>CT</scp> of locally advanced cervical carcinoma before and during concurrent chemoradiotherapy suggests association between changes in tumor blood volume and treatment response. Cancer Medicine, 2018, 7, 3642-3651.	2.8	12
11	Evaluation of a metal artifact reduction technique in tonsillar cancer delineation. Practical Radiation Oncology, 2012, 2, 27-34.	2.1	9
12	Molecular Contrast-Enhanced Ultrasound Imaging of Radiation-Induced P-Selectin Expression in Healthy Mice Colon. International Journal of Radiation Oncology Biology Physics, 2017, 97, 581-585.	0.8	9
13	Evaluation of transperineal ultrasound imaging as a potential solution for target tracking during hypofractionated radiotherapy for prostate cancer. Radiation Oncology, 2018, 13, 151.	2.7	9
14	Spatial Characterization of Tumor Perfusion Properties from 3D DCE-US Perfusion Maps are Early Predictors of Cancer Treatment Response. Scientific Reports, 2020, 10, 6996.	3.3	9
15	Feasibility of Image Registration for Ultrasound-Guided Prostate Radiotherapy Based on Similarity Measurement by a Convolutional Neural Network. Technology in Cancer Research and Treatment, 2019, 18, 153303381882196.	1.9	8
16	Interactive focusâ€‰+â€‰context medical data exploration and editing. Computer Animation and Virtual Worlds, 2014, 25, 129-141.	1.2	3
17	Dose Prediction for Cervical Cancer Brachytherapy Using 3-D Deep Convolutional Neural Network. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 214-221.	3.7	2
18	Evaluating dosimetric parameters predictive of hematologic toxicity in cervical cancer patients undergoing definitive pelvic chemoradiotherapy. Strahlentherapie Und Onkologie, 2022, 198, 773-782.	2.0	2

#	Article	IF	Citations
19	Technical Note: Extended fieldâ€ofâ€view (FOV) MRI distortion determination through multiâ€positional phantom imaging. Journal of Applied Clinical Medical Physics, 2020, 21, 322-332.	1.9	1
20	A calculation model for primary intensity distributions from cylindrically symmetric x-ray lenses. Physics in Medicine and Biology, 2008, 53, 515-527.	3.0	0
21	Notice of Removal: Assessment of vascular remodeling therapy in patients with liver metastasis with 3D dynamic contrast-enhanced ultrasound. , 2017, , .		0
22	Notice of Removal: Volumetric contrast-enhanced ultrasound parametric maps and texture feature extraction for tissue treatment response characterization. , 2017, , .		0
23	Notice of Removal: Real-time optical tracking to provide feedback during blinded contrast-enhanced ultrasound imaging: Clinical evaluation of system and protocol. , 2017, , .		0
24	Notice of Removal: Assessment of 3D dynamic contrast-enhanced ultrasound of liver metastases from gastrointestinal tumors to overcome sampling errors: Assessment of feasibility and reproducibility. , 2017, , .		0