

Parminder S Basran

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

563
citations

759233

12
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving from IMRT QA measurements toward independent computer calculations using control charts. <i>Radiotherapy and Oncology</i> , 2008, 89, 330-337.	0.6	79
2	A comparison of two immobilization systems for stereotactic body radiation therapy of lung tumors. <i>Radiotherapy and Oncology</i> , 2010, 95, 103-108.	0.6	77
3	Advances in Technology for Intracranial Stereotactic Radiosurgery. <i>Technology in Cancer Research and Treatment</i> , 2009, 8, 271-280.	1.9	64
4	An analysis of tolerance levels in IMRT quality assurance procedures. <i>Medical Physics</i> , 2008, 35, 2300-2307.	3.0	53
5	Process control analysis of IMRT QA: implications for clinical trials. <i>Physics in Medicine and Biology</i> , 2008, 53, 5193-5205.	3.0	40
6	Hypofractionated Accelerated Radiotherapy Using Concomitant Intensity-Modulated Radiotherapy Boost Technique for Localized High-Risk Prostate Cancer: Acute Toxicity Results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 85-92.	0.8	34
7	Quantitative characterization of metastatic disease in the spine. Part II. Histogram-based analyses. <i>Medical Physics</i> , 2007, 34, 3279-3285.	3.0	27
8	Evaluation of optimized compensators on a 3D planning system. <i>Medical Physics</i> , 1998, 25, 1837-1844.	3.0	24
9	Cone Beam CT (CBCT) Evaluation of Inter- and Intra-Fraction Motion for Patients Undergoing Brain Radiotherapy Immobilized using a Commercial Thermoplastic Mask on a Robotic Couch. <i>Technology in Cancer Research and Treatment</i> , 2012, 11, 203-209.	1.9	24
10	Deformable versus rigid registration of PET/CT images for radiation treatment planning of head and neck and lung cancer patients: a retrospective dosimetric comparison. <i>Radiation Oncology</i> , 2014, 9, 50.	2.7	22
11	Population-based phase II trial of stereotactic ablative radiotherapy (SABR) for up to 5 oligometastases: SABR-5. <i>BMC Cancer</i> , 2018, 18, 954.	2.6	16
12	CT image artifacts from brachytherapy seed implants: A postprocessing 3D adaptive median filter. <i>Medical Physics</i> , 2011, 38, 712-718.	3.0	13
13	CT, MR, and ultrasound image artifacts from prostate brachytherapy seed implants: The impact of seed size. <i>Medical Physics</i> , 2012, 39, 2061-2068.	3.0	13
14	Artificial intelligence in veterinary medicine. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, 819-824.	0.5	13
15	Feasibility of the use of deep learning classification of teat-end condition in Holstein cattle. <i>Journal of Dairy Science</i> , 2021, 104, 4529-4536.	3.4	11
16	The unmet potential of artificial intelligence in veterinary medicine. <i>American Journal of Veterinary Research</i> , 2022, 83, 385-392.	0.6	11
17	A radiomics platform for computing imaging features from μ CT images of Thoroughbred racehorse proximal sesamoid bones: Benchmark performance and evaluation. <i>Equine Veterinary Journal</i> , 2021, 53, 277-286.	1.7	10
18	The impact of dose calculation algorithms on partial and whole breast radiation treatment plans. <i>Radiation Oncology</i> , 2010, 5, 120.	2.7	9

#	ARTICLE	IF	CITATIONS
19	Technical note: A digital technique and platform for assessing dairy cow teat-end condition. Journal of Dairy Science, 2020, 103, 10703-10708.	3.4	4
20	Proximal sesamoid bone microdamage is localized to articular subchondral regions in Thoroughbred racehorses, with similar fracture toughness between fracture and controls. Veterinary Surgery, 2022, 51, 952-962.	1.0	4
21	Reducing radiation risks to staff for patients with permanently implanted radioactive sources requiring unrelated surgery. Journal of Applied Clinical Medical Physics, 2015, 16, 159-166.	1.9	3
22	An increase in retractions of research publications is an issue for Medical Physics. Medical Physics, 2021, 48, 927-930.	3.0	2
23	Separable Confident Transductive Learning for Dairy Cows Teat-End Condition Classification. Animals, 2022, 12, 886.	2.3	2
24	Functional CT in lung with a conventional scanner: simulations and sampling considerations. Physics in Medicine and Biology, 2004, 49, 1755-1771.	3.0	1
25	Dosimetric verification of microâ€MLC based intensity modulated radiation therapy. Journal of Applied Clinical Medical Physics, 2008, 9, 109-121.	1.9	1
26	P-values should not be used for decision making in the practice of clinical medical physics. Physical and Engineering Sciences in Medicine, 2021, 44, 1003.	2.4	1
27	Poster - Thur Eve - 41: Considerations for Patients with Permanently Implant Radioactive Sources Requiring Unrelated Surgery. Medical Physics, 2014, 41, 15-15.	3.0	1
28	Delta thermal radiomics: An application in dairy cow teats. JDS Communications, 2022, 3, 132-137.	1.5	1
29	Unsupervised Few Shot Key Frame Extraction for Cow Teat Videos. Data, 2022, 7, 68.	2.3	1
30	On Comparing the Quality of Head and Neck Imrt Plans Delivered with Two Different Linear Accelerator Manufacturers. Medical Dosimetry, 2011, 36, 75-80.	0.9	0
31	COMP Report: CPQR Technical Quality Control Guidelines for Data Management Systems. Journal of Applied Clinical Medical Physics, 2018, 19, 347-364.	1.9	0
32	Letter to the editor: topical debate, Pâ€values should not be used for decision making in the practice of clinical medical physics. Physical and Engineering Sciences in Medicine, 2021, 44, 1007.	2.4	0
33	Development and evaluation of a standardized technique to assess teat skin temperature of dairy cows using infrared thermography. JDS Communications, 2022, 3, 142-146.	1.5	0