Parminder S Basran

List of Publications by Year
in descending order

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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	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
2	Delta thermal radiomics: An application in dairy cow teats. JDS Communications, 2022, 3, 132-137.	1.5	1
3	Artificial intelligence in veterinary medicine. Journal of the American Veterinary Medical Association, 2022, 260, 819-824.	0.5	13
4	Separable Confident Transductive Learning for Dairy Cows Teat-End Condition Classification. Animals, 2022, 12, 886.	2.3	2
5	The unmet potential of artificial intelligence in veterinary medicine. American Journal of Veterinary Research, 2022, 83, 385-392.	0.6	11
6	Unsupervised Few Shot Key Frame Extraction for Cow Teat Videos. Data, 2022, 7, 68.	2.3	1
7	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
8	A radiomics platform for computing imaging features from ÂµCT images of Thoroughbred racehorse proximal sesamoid bones: Benchmark performance and evaluation. Equine Veterinary Journal, 2021, 53, 277-286.	1.7	10
9	An increase in retractions of research publications is an issue for Medical Physics. Medical Physics, 2021, 48, 927-930.	3.0	2
10	Feasibility of the use of deep learning classification of teat-end condition in Holstein cattle. Journal of Dairy Science, 2021, 104, 4529-4536.	3.4	11
11	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
12	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
13	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
14	COMP Report: CPQR Technical Quality Control Guidelines for Data Management Systems. Journal of Applied Clinical Medical Physics, 2018, 19, 347-364.	1.9	0
15	Population-based phase II trial of stereotactic ablative radiotherapy (SABR) for up to 5 oligometastases: SABR-5. BMC Cancer, 2018, 18, 954.	2.6	16
16	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
17	Deformable versus rigid registration of PET/CT images for radiation treatment planning of head and neck and lung cancer patients: a retrospective dosimetric comparison. Radiation Oncology, 2014, 9, 50.	2.7	22
18	Poster - Thur Eve - 41: Considerations for Patients with Permanently Implant Radioactive Sources Requiring Unrelated Surgery. Medical Physics, 2014, 41, 15-15.	3.0	1

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19	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. Technology in Cancer Research and Treatment, 2012, 11, 203-209.	1.9	24
20	CT, MR, and ultrasound image artifacts from prostate brachytherapy seed implants: The impact of seed size. Medical Physics, 2012, 39, 2061-2068.	3.0	13
21	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
22	CT image artifacts from brachytherapy seed implants: A postprocessing 3D adaptive median filter. Medical Physics, 2011, 38, 712-718.	3.0	13
23	The impact of dose calculation algorithms on partial and whole breast radiation treatment plans. Radiation Oncology, 2010, 5, 120.	2.7	9
24	A comparison of two immobilization systems for stereotactic body radiation therapy of lung tumors. Radiotherapy and Oncology, 2010, 95, 103-108.	0.6	77
25	Advances in Technology for Intracranial Stereotactic Radiosurgery. Technology in Cancer Research and Treatment, 2009, 8, 271-280.	1.9	64
26	Hypofractionated Accelerated Radiotherapy Using Concomitant Intensity-Modulated Radiotherapy Boost Technique for Localized High-Risk Prostate Cancer: Acute Toxicity Results. International Journal of Radiation Oncology Biology Physics, 2008, 72, 85-92.	0.8	34
27	Moving from IMRT QA measurements toward independent computer calculations using control charts. Radiotherapy and Oncology, 2008, 89, 330-337.	0.6	79
28	Process control analysis of IMRT QA: implications for clinical trials. Physics in Medicine and Biology, 2008, 53, 5193-5205.	3.0	40
29	An analysis of tolerance levels in IMRT quality assurance procedures. Medical Physics, 2008, 35, 2300-2307.	3.0	53
30	Dosimetric verification of microâ€MLC based intensity modulated radiation therapy. Journal of Applied Clinical Medical Physics, 2008, 9, 109-121.	1.9	1
31	Quantitative characterization of metastatic disease in the spine. Part II. Histogramâ€based analyses. Medical Physics, 2007, 34, 3279-3285.	3.0	27
32	Functional CT in lung with a conventional scanner: simulations and sampling considerations. Physics in Medicine and Biology, 2004, 49, 1755-1771.	3.0	1
33	Evaluation of optimized compensators on a 3D planning system. Medical Physics, 1998, 25, 1837-1844.	3.0	24