

Alexander JÄghl

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

137
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	ITV, mid-ventilation, gating or couch tracking – A comparison of respiratory motion-management techniques based on 4D dose calculations. <i>Radiotherapy and Oncology</i> , 2017, 124, 80-88.	0.6	45
2	ELPHA: Dynamically deformable liver phantom for real-time motion-adaptive radiotherapy treatments. <i>Medical Physics</i> , 2019, 46, 839-850.	3.0	21
3	Performance comparison of prediction filters for respiratory motion tracking in radiotherapy. <i>Medical Physics</i> , 2020, 47, 643-650.	3.0	20
4	Validation of dynamic treatment-couch tracking for prostate SBRT. <i>Medical Physics</i> , 2017, 44, 2466-2477.	3.0	18
5	Comparison of multi-leaf collimator tracking and treatment-couch tracking during stereotactic body radiation therapy of prostate cancer. <i>Radiotherapy and Oncology</i> , 2017, 125, 445-452.	0.6	16
6	Modeling and performance evaluation of a robotic treatment couch for tumor tracking. <i>Biomedizinische Technik</i> , 2016, 61, 557-566.	0.8	6
7	The ideal couch tracking system – Requirements and evaluation of current systems. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 152-159.	1.9	5
8	Body motion during dynamic couch tracking with healthy volunteers. <i>Physics in Medicine and Biology</i> , 2019, 64, 015001.	3.0	3
9	Unconscious physiological response of healthy volunteers to dynamic respiration-synchronized couch motion. <i>Radiation Oncology</i> , 2017, 12, 189.	2.7	2
10	Performance behavior of prediction filters for respiratory motion compensation in radiotherapy. <i>Current Directions in Biomedical Engineering</i> , 2017, 3, 429-432.	0.4	1