

Nikolay Dukov

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

84
citations

1937457

4
h-index

2053595

5
g-index

16
all docs

16
docs citations

16
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of breast lesions models database. Physica Medica, 2019, 64, 293-303.	0.4	24
2	Models of breast lesions based on three-dimensional X-ray breast images. Physica Medica, 2019, 57, 80-87.	0.4	21
3	Thermoplastic 3D printing technology using a single filament for producing realistic patient-derived breast models. Physics in Medicine and Biology, 2022, 67, 045008.	1.6	10
4	Analytical simulation and experimental comparison of the losses in resonant DC/DC converter with Si and SiC switches. , 2016, , .		8
5	Experimental Evaluation of Physical Breast Phantoms for 2D and 3D Breast X-Ray Imaging Techniques. IFMBE Proceedings, 2021, , 544-552.	0.2	8
6	Physical Anthropomorphic Breast Phantoms for X-ray Imaging Techniques: Manufacturing Approach. , 2020, , .		5
7	Evaluation of PNN pattern-layer activation function approximations in different training setups. International Journal of Speech Technology, 2019, 22, 1039-1049.	1.4	4
8	Application of 3D Printed Anthropomorphic Phantoms for Research and Educational Purposes in Digital Radiology. , 2020, , .		4
9	Comparative evaluation of probability density estimators for the probabilistic neural network. , 2016, , .		0
10	Development of in-house optical system dedicated to validation of processes in x-ray imaging. , 2019, , .		0
11	Analysis of Suitability of Five Statistical Methods Applied for the Validation of a Monte Carlo X-Ray Based Software Packages. Advances in Intelligent Systems and Computing, 2018, , 448-456.	0.5	0
12	Design and Implementation of a Web-Based Platform to Support Research in X-Ray Breast Imaging. IFMBE Proceedings, 2020, , 883-890.	0.2	0
13	Preliminary Design of an Interactive Web-based Platform for Regional Health Profiles of Bulgaria. , 2020, , .		0
14	Suitability of 3D printing materials for printing anthropomorphic phantoms: A simulation study. Journal of Physics: Conference Series, 2022, 2162, 012012.	0.3	0