Roman Jakubicek

List of Publications by Year
in descending order

16 papers	235 citations	1937685 4 h-index	1372567 10 g-index
19 all docs	19 docs citations	19 times ranked	286 citing authors

#	Article	IF	Citations
1	VerSe: A Vertebrae labelling and segmentation benchmark for multi-detector CT images. Medical Image Analysis, 2021, 73, 102166.	11.6	112
2	Deep convolutional neural network-based segmentation and classification of difficult to define metastatic spinal lesions in 3D CT data. Medical Image Analysis, 2018, 49, 76-88.	11.6	65
3	Accurate micro-computed tomography imaging of pore spaces in collagen-based scaffold. Journal of Materials Science: Materials in Medicine, 2016, 27, 110.	3.6	20
4	Learning–based vertebra localization and labeling in 3D CT data of possibly incomplete and pathological spines. Computer Methods and Programs in Biomedicine, 2020, 183, 105081.	4.7	16
5	Deep-learning-based fully automatic spine centerline detection in CT data. , 2019, 2019, 2407-2410.		5
6	Combined bone lesion analysis in 3D CT data of vertebrae. , 2015, 2015, 6374-7.		3
7	Self-supervised pretraining for transferable quantitative phase image cell segmentation. Biomedical Optics Express, 2021, 12, 6514.	2.9	3
8	Tumorous Spinal Lesions: Computer Aided Diagnosis and Evaluation Based on CT Data - A Review. Current Medical Imaging, 2018, 14, 686-694.	0.8	3
9	Iterative machine learning based rotational alignment of brain 3D CT data. , 2019, 2019, 4404-4408.		2
10	Vertebrae Segmentation in 3D CT Data: A Review of Methods and Evaluation Approaches. Current Medical Imaging, 2018, 14, 853-866.	0.8	2
11	Spine lesion analysis in 3D CT data – Reporting on research progress. AIP Conference Proceedings, 2018, , .	0.4	1
12	Fully Automatic CAD System for Segmentation and Classification of Spinal Metastatic Lesions in CT Data. IFMBE Proceedings, 2019, , 155-158.	0.3	1
13	Localization and Classification of Intracranial Hemorrhages in CT Data. IFMBE Proceedings, 2021, , 767-773.	0.3	1
14	Weakly Supervised Deep Learning-based Intracranial Hemorrhage Localization. , 2022, , .		1
15	Automatic Segmentation of Myocardial Infarction in Rats Subjected to Regional Ischemia. , 0, , .		0
16	Fully Automatic CAD System for Spine Localisation and Vertebra Segmentation in CT Data. IFMBE Proceedings, 2019, , 223-226.	0.3	0