Sebastiano Barbieri

List of Publications by Year
in descending order

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21 papers	714 citations	687363 13 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1231 citing authors

#	Article	IF	Citations
1	Diffusionâ€weighted imaging outside the brain: Consensus statement from an ISMRMâ€sponsored workshop. Journal of Magnetic Resonance Imaging, 2016, 44, 521-540.	3.4	146
2	Impact of the calculation algorithm on biexponential fitting of diffusion-weighted MRI in upper abdominal organs. Magnetic Resonance in Medicine, 2016, 75, 2175-2184.	3.0	80
3	Deep learning how to fit an intravoxel incoherent motion model to diffusionâ€weighted MRI. Magnetic Resonance in Medicine, 2020, 83, 312-321.	3.0	74
4	Benchmarking Deep Learning Architectures for Predicting Readmission to the ICU and Describing Patients-at-Risk. Scientific Reports, 2020, 10, 1111.	3.3	51
5	Comparison of six fit algorithms for the intra-voxel incoherent motion model of diffusion-weighted magnetic resonance imaging data of pancreatic cancer patients. PLoS ONE, 2018, 13, e0194590.	2.5	44
6	Improved unsupervised physicsâ€informed deep learning for intravoxel incoherent motion modeling and evaluation in pancreatic cancer patients. Magnetic Resonance in Medicine, 2021, 86, 2250-2265.	3.0	41
7	Differentiation of prostate cancer lesions with high and with low Gleason score by diffusion-weighted MRI. European Radiology, 2017, 27, 1547-1555.	4.5	38
8	Functional and Targeted Lymph Node Imaging in Prostate Cancer: Current Status and Future Challenges. Radiology, 2017, 285, 728-743.	7.3	38
9	Comparison of Intravoxel Incoherent Motion Parameters across MR Imagers and Field Strengths: Evaluation in Upper Abdominal Organs. Radiology, 2016, 279, 784-794.	7.3	36
10	High signal intensity in dentate nucleus and globus pallidus on unenhanced T1â€weighted MR images in three patients with impaired renal function and vascular calcification. Contrast Media and Molecular Imaging, 2016, 11, 245-250.	0.8	28
11	Selection for biopsy of kidney transplant patients by diffusion-weighted MRI. European Radiology, 2017, 27, 4336-4344.	4.5	28
12	Big data and predictive modelling for the opioid crisis: existing research and future potential. The Lancet Digital Health, 2021, 3, e397-e407.	12.3	21
13	Travel times to hospitals in Australia. Scientific Data, 2019, 6, 248.	5.3	19
14	Deep learning DCE-MRI parameter estimation: Application in pancreatic cancer. Medical Image Analysis, 2022, 80, 102512.	11.6	17
15	Predicting cardiovascular risk from national administrative databases using a combined survival analysis and deep learning approach. International Journal of Epidemiology, 2022, 51, 931-944.	1.9	15
16	The effect of person, treatment and prescriber characteristics on retention in opioid agonist treatment: a 15â€year retrospective cohort study. Addiction, 2021, 116, 3139-3152.	3.3	14
17	Impact of Prior Home Care on Length of Stay in Residential Care for Australians With Dementia. Journal of the American Medical Directors Association, 2020, 21, 843-850.e5.	2.5	9
18	Enhancing patient value efficiently: Medical history interviews create patient satisfaction and contribute to an improved quality of radiologic examinations. PLoS ONE, 2018, 13, e0203807.	2.5	5

#	Article	IF	Citations
19	Using administrative data to predict cessation risk and identify novel predictors among new entrants to opioid agonist treatment. Drug and Alcohol Dependence, 2021, 228, 109091.	3.2	4
20	The impact of dementia on aged care service transitions in the last five years of life. Age and Ageing, 2021, 50, 1159-1165.	1.6	3
21	Trends in opioid analgesic utilisation among people with a history of opioid dependence. Drug and Alcohol Dependence, 2022, 238, 109548.	3.2	3