

Sebastiano Barbieri

List of Publications by Year in descending order

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Version: 2024-02-01

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	Predicting cardiovascular risk from national administrative databases using a combined survival analysis and deep learning approach. <i>International Journal of Epidemiology</i> , 2022, 51, 931-944.	1.9	15
2	Deep learning DCE-MRI parameter estimation: Application in pancreatic cancer. <i>Medical Image Analysis</i> , 2022, 80, 102512.	11.6	17
3	Trends in opioid analgesic utilisation among people with a history of opioid dependence. <i>Drug and Alcohol Dependence</i> , 2022, 238, 109548.	3.2	3
4	The effect of person, treatment and prescriber characteristics on retention in opioid agonist treatment: a 15-year retrospective cohort study. <i>Addiction</i> , 2021, 116, 3139-3152.	3.3	14
5	Big data and predictive modelling for the opioid crisis: existing research and future potential. <i>The Lancet Digital Health</i> , 2021, 3, e397-e407.	12.3	21
6	Improved unsupervised physics-informed deep learning for intravoxel incoherent motion modeling and evaluation in pancreatic cancer patients. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2250-2265.	3.0	41
7	Using administrative data to predict cessation risk and identify novel predictors among new entrants to opioid agonist treatment. <i>Drug and Alcohol Dependence</i> , 2021, 228, 109091.	3.2	4
8	The impact of dementia on aged care service transitions in the last five years of life. <i>Age and Ageing</i> , 2021, 50, 1159-1165.	1.6	3
9	Deep learning how to fit an intravoxel incoherent motion model to diffusion-weighted MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 312-321.	3.0	74
10	Impact of Prior Home Care on Length of Stay in Residential Care for Australians With Dementia. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 843-850.e5.	2.5	9
11	Benchmarking Deep Learning Architectures for Predicting Readmission to the ICU and Describing Patients-at-Risk. <i>Scientific Reports</i> , 2020, 10, 1111.	3.3	51
12	Travel times to hospitals in Australia. <i>Scientific Data</i> , 2019, 6, 248.	5.3	19
13	Enhancing patient value efficiently: Medical history interviews create patient satisfaction and contribute to an improved quality of radiologic examinations. <i>PLoS ONE</i> , 2018, 13, e0203807.	2.5	5
14	Comparison of six fit algorithms for the intra-voxel incoherent motion model of diffusion-weighted magnetic resonance imaging data of pancreatic cancer patients. <i>PLoS ONE</i> , 2018, 13, e0194590.	2.5	44
15	Differentiation of prostate cancer lesions with high and with low Gleason score by diffusion-weighted MRI. <i>European Radiology</i> , 2017, 27, 1547-1555.	4.5	38
16	Selection for biopsy of kidney transplant patients by diffusion-weighted MRI. <i>European Radiology</i> , 2017, 27, 4336-4344.	4.5	28
17	Functional and Targeted Lymph Node Imaging in Prostate Cancer: Current Status and Future Challenges. <i>Radiology</i> , 2017, 285, 728-743.	7.3	38
18	High signal intensity in dentate nucleus and globus pallidus on unenhanced T1-weighted MR images in three patients with impaired renal function and vascular calcification. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 245-250.	0.8	28

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19	Impact of the calculation algorithm on biexponential fitting of diffusion-weighted MRI in upper abdominal organs. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2175-2184.	3.0	80
20	Diffusion-weighted imaging outside the brain: Consensus statement from an ISMRM-sponsored workshop. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 521-540.	3.4	146
21	Comparison of Intravoxel Incoherent Motion Parameters across MR Imagers and Field Strengths: Evaluation in Upper Abdominal Organs. <i>Radiology</i> , 2016, 279, 784-794.	7.3	36