Finbarr O'sullivan

List of Publications by Year
in descending order

21 papers	427 citations	933447 10 h-index	940533 16 g-index
21 all docs	21 docs citations	21 times ranked	684 citing authors

#	Article	IF	Citations
1	Spatial Heterogeneity in Sarcoma ¹⁸F-FDG Uptake as a Predictor of Patient Outcome. Journal of Nuclear Medicine, 2008, 49, 1973-1979.	5.0	201
2	NCI-Sponsored Trial for the Evaluation of Safety and Preliminary Efficacy of 3â€²-Deoxy-3â€²-[18F]fluorothymidine (FLT) as a Marker of Proliferation in Patients with Recurrent Gliomas: Preliminary Efficacy Studies. Molecular Imaging and Biology, 2009, 11, 343-355.	2.6	60
3	Locally constrained mixture representation of dynamic imaging data from PET and MR studies. Biostatistics, 2006, 7, 318-338.	1.5	25
4	Nonparametric Residue Analysis of Dynamic PET Data With Application to Cerebral FDG Studies in Normals. Journal of the American Statistical Association, 2009, 104, 556-571.	3.1	25
5	Variability Assessment in Positron Emission Tomography and Related Generalized Deconvolution Models. Journal of the American Statistical Association, 1998, 93, 1340-1355.	3.1	21
6	The Gamma Characteristic of Reconstructed PET Images: Implications for ROI Analysis. IEEE Transactions on Medical Imaging, 2018, 37, 1092-1102.	8.9	16
7	Positron emission tomography-based assessment of metabolic gradient and other prognostic features in sarcoma. Journal of Medical Imaging, 2018, 5, 1.	1.5	14
8	Effect of 18F-FDG Uptake Time on Lesion Detectability in PET Imaging of Early-Stage Breast Cancer. Tomography, 2015, 1, 53-60.	1.8	12
9	Variability Assessment in Positron Emission Tomography and Related Generalized Deconvolution Models. Journal of the American Statistical Association, 1998, 93, 1340.	3.1	12
10	An Analysis of the Role of Positivity and Mixture Model Constraints in Poisson Deconvolution Problems. Journal of Computational and Graphical Statistics, 2001, 10, 673-696.	1.7	11
11	Prognostic significance of prospectively detected bone marrow micrometastases in esophagogastric cancer: 10â€year followâ€up confirms prognostic significance. Cancer Medicine, 2015, 4, 1281-1288.	2.8	6
12	Combining Structural and Textural Assessments of Volumetric FDG-PET Uptake in NSCLC. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 421-433.	3.7	6
13	Spatial Auto-Regressive Analysis of Correlation in 3-D PET With Application to Model-Based Simulation of Data. IEEE Transactions on Medical Imaging, 2020, 39, 964-974.	8.9	6
14	Quantitation of multiple injection dynamic PET scans: an investigation of the benefits of pooling data from separate scans when mapping kinetics. Physics in Medicine and Biology, 2021, 66, 135010.	3.0	4
15	A Generalized Linear modeling approach to bootstrapping multi-frame PET image data. Medical Image Analysis, 2021, 72, 102132.	11.6	3
16	Regularized Reconstruction of Wave Height and Slope Fields From Refracted Images of Water. Journal of the American Statistical Association, 2010, 105, 36-47.	3.1	2
17	An Illustration of the Use of Model-Based Bootstrapping for Evaluation of Uncertainty in Kinetic Information Derived from Dynamic PET. , 2019, , .		2
18	A novel approach to the assessment of response to chemotherapy in sarcoma imaged with PET-FDG. , 2010, , .		1

#	Article	IF	Citations
19	Kinetic analysis of dynamic ¹⁸F-FDG and ¹⁵O-H<inf>2</inf>O PET studies by parametric and nonparametric methods: A statistical analysis. , 2011, , .		0
20	A Simple Evaluation of the Benefit of Combined Kinetic Analysis of Multiple Injection Dynamic PET Scans. , 2019, , .		0
21	An exploration of the prognostic utility of shortened dynamic imaging protocols for PET-FDG scans. , 2019, , .		0