David Harris-Birtill

List of Publications by Year
in descending order

13 papers	**183** citations	1478505 **6** h-index	1372567 **10** g-index
13 all docs	**13** docs citations	**13** times ranked	**295** citing authors

#	Article	IF	Citations
1	Aptamer-conjugated, fluorescent gold nanorods as potential cancer theradiagnostic agents. Materials Science and Engineering C, 2016, 59, 324-332.	7.3	50
2	Deformation-compensated averaging for clutter reduction in epiphotoacoustic imaging <italic>in vivo</italic>. Journal of Biomedical Optics, 2012, 17, 066007.	2.6	39
3	Ethics and acceptance of smart homes for older adults. Informatics for Health and Social Care, 2022, 47, 10-37.	2.6	39
4	Gold nanorod reshaping in vitro and in vivo using a continuous wave laser. PLoS ONE, 2017, 12, e0185990.	2.5	19
5	Comparison of level set models in image segmentation. IET Image Processing, 2018, 12, 2212-2221.	2.5	15
6	Generative Deep Learning in Digital Pathology Workflows. American Journal of Pathology, 2021, 191, 1717-1723.	3.8	7
7	Templated Text Synthesis for Expert-Guided Multi-Label Extraction from Radiology Reports. Machine Learning and Knowledge Extraction, 2021, 3, 299-317.	5.0	4
8	Automated Remote Pulse Oximetry System (ARPOS). Sensors, 2022, 22, 4974.	3.8	4
9	Performance characterisation of a new clinical spectroscopic epiphotoacoustic scanner. , 2013, , .		3
10	Gold Nanorod Reshaping using a Continuous Wave Laser. , 2014, , .		1
11	Radiomics-Led Monitoring of Non-small Cell Lung Cancer Patients During Radiotherapy. Lecture Notes in Computer Science, 2021, , 532-546.	1.3	1
12	Autofocus Net: Auto-focused 3D CNN for Brain Tumour Segmentation. Communications in Computer and Information Science, 2020, , 43-55.	0.5	1
13	Anonymising pathology data using generative adversarial networks. , 2022, , .		0