

Edward W Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

971
citations

471061

17
h-index

454577

30
g-index

44
all docs

44
docs citations

44
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	National implementation of multi-parametric magnetic resonance imaging for prostate cancer detection – recommendations from a UK consensus meeting. <i>BJU International</i> , 2018, 122, 13-25.	1.3	106
2	Textural analysis of multiparametric MRI detects transition zone prostate cancer. <i>European Radiology</i> , 2017, 27, 2348-2358.	2.3	74
3	Prospective, Multisite, International Comparison of ¹⁸ F-Fluoromethylcholine PET/CT, Multiparametric MRI, and ⁶⁸ Ga-HBED-CC PSMA-11 PET/CT in Men with High-Risk Features and Biochemical Failure After Radical Prostatectomy: Clinical Performance and Patient Outcomes. <i>Journal of Nuclear Medicine</i> , 2019, 60, 794-800.	2.8	61
4	Machine learning classifiers can predict Gleason pattern 4 prostate cancer with greater accuracy than experienced radiologists. <i>European Radiology</i> , 2019, 29, 4754-4764.	2.3	55
5	VERDICT MRI for Prostate Cancer: Intracellular Volume Fraction versus Apparent Diffusion Coefficient. <i>Radiology</i> , 2019, 291, 391-397.	3.6	52
6	Diagnostic accuracy of whole-body MRI versus standard imaging pathways for metastatic disease in newly diagnosed colorectal cancer: the prospective Streamline C trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 529-537.	3.7	51
7	Diagnostic accuracy of whole-body MRI versus standard imaging pathways for metastatic disease in newly diagnosed non-small-cell lung cancer: the prospective Streamline L trial. <i>Lancet Respiratory Medicine</i> , 2019, 7, 523-532.	5.2	50
8	Intratumoural evolutionary landscape of high-risk prostate cancer: the PROGENY study of genomic and immune parameters. <i>Annals of Oncology</i> , 2017, 28, 2472-2480.	0.6	45
9	INNOVATE: A prospective cohort study combining serum and urinary biomarkers with novel diffusion-weighted magnetic resonance imaging for the prediction and characterization of prostate cancer. <i>BMC Cancer</i> , 2016, 16, 816.	1.1	40
10	Multiparametric whole-body 3.0-T MRI in newly diagnosed intermediate- and high-risk prostate cancer: diagnostic accuracy and interobserver agreement for nodal and metastatic staging. <i>European Radiology</i> , 2019, 29, 3159-3169.	2.3	34
11	Safety and efficacy of stereotactic radiofrequency ablation for very large (≥8cm) primary and metastatic liver tumors. <i>Scientific Reports</i> , 2020, 10, 1618.	1.6	34
12	What role does the right side of the heart play in circulation?. <i>Critical Care</i> , 2006, 10, S5.	2.5	26
13	The Contribution of Multiparametric Pelvic and Whole-Body MRI to Interpretation of ¹⁸ F-Fluoromethylcholine or ⁶⁸ Ga-HBED-CC PSMA-11 PET/CT in Patients with Biochemical Failure After Radical Prostatectomy. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1253-1258.	2.8	24
14	Characterizing indeterminate (Likert-score 3/5) peripheral zone prostate lesions with PSA density, PI-RADS scoring and qualitative descriptors on multiparametric MRI. <i>British Journal of Radiology</i> , 2018, 91, 20170645.	1.0	23
15	Frequency and risk factors for major complications after stereotactic radiofrequency ablation of liver tumors in 1235 ablation sessions: a 15-year experience. <i>European Radiology</i> , 2021, 31, 3042-3052.	2.3	23
16	VERDICT MRI validation in fresh and fixed prostate specimens using patient-specific moulds for histological and MR alignment. <i>NMR in Biomedicine</i> , 2019, 32, e4073.	1.6	22
17	Stereotactic radiofrequency ablation of subcardiac hepatocellular carcinoma: a case-control study. <i>International Journal of Hyperthermia</i> , 2019, 36, 875-884.	1.1	21
18	VERDICT-MIMICO: Ultrafast fitting algorithm for non-invasive prostate microstructure characterization. <i>NMR in Biomedicine</i> , 2019, 32, e4019.	1.6	19

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19	GAS: A genetic atlas selection strategy in multi-atlas segmentation framework. <i>Medical Image Analysis</i> , 2019, 52, 97-108.	7.0	18
20	Thermal ablation of CT "invisible"™ liver tumors using MRI fusion: a case control study. <i>International Journal of Hyperthermia</i> , 2020, 37, 564-572.	1.1	17
21	Effect of Hepatic Perfusion on Microwave Ablation Zones in an Ex Vivo Porcine Liver Model. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 732-739.	0.2	16
22	Simplified Luminal Water Imaging for the Detection of Prostate Cancer From Multiecho T ₂ MR Images. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 910-917.	1.9	16
23	In-Hospital Mortality and Surgical Utilization in Severely Polytraumatized Patients With and Without Spinal Injury. <i>Journal of Trauma</i> , 2011, 71, E71-E78.	2.3	15
24	Stereotactic Radiofrequency Ablation of Breast Cancer Liver Metastases: Short- and Long-Term Results with Predicting Factors for Survival. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1184-1193.	0.9	14
25	A Novel Technique for Inferior Vena Cava Filter Extraction. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 231-234.	0.9	13
26	The role of multi-parametric MRI in loco-regional staging of men diagnosed with early prostate cancer. <i>Current Opinion in Urology</i> , 2015, 25, 510-517.	0.9	13
27	Stereotactic radiofrequency ablation (SRFA) for recurrent colorectal liver metastases after hepatic resection. <i>European Journal of Surgical Oncology</i> , 2021, 47, 866-873.	0.5	13
28	Evaluation of PSA and PSA Density in a Multiparametric Magnetic Resonance Imaging-Directed Diagnostic Pathway for Suspected Prostate Cancer: The INNOVATE Trial. <i>Cancers</i> , 2021, 13, 1985.	1.7	10
29	AutoProstate: Towards Automated Reporting of Prostate MRI for Prostate Cancer Assessment Using Deep Learning. <i>Cancers</i> , 2021, 13, 6138.	1.7	10
30	Perivascular extension of microwave ablation zone: demonstrated using an ex vivo porcine perfusion liver model. <i>International Journal of Hyperthermia</i> , 2018, 34, 1114-1120.	1.1	9
31	Multi-parametric MRI zone-specific diagnostic model performance compared with experienced radiologists for detection of prostate cancer. <i>European Radiology</i> , 2019, 29, 4150-4159.	2.3	8
32	Technical efficacy and local recurrence after stereotactic radiofrequency ablation of 2653 liver tumors: a 15-year single-center experience with evaluation of prognostic factors. <i>International Journal of Hyperthermia</i> , 2022, 39, 421-430.	1.1	8
33	Can We Improve the Reproducibility of Quantitative Multiparametric Prostate MR Imaging Metrics?. <i>Radiology</i> , 2016, 281, 652-653.	3.6	5
34	Stereotactic radiofrequency ablation of tumors at the hepatic venous confluence. <i>Hpb</i> , 2022, 24, 1044-1054.	0.1	5
35	Starting CT-guided robotic interventional oncology at a UK centre. <i>British Journal of Radiology</i> , 2022, 95, 20220217.	1.0	5
36	PEOPLE: PatiEnt prOstate samPLes for rEsearch, a tissue collection pathway utilizing magnetic resonance imaging data to target tumor and benign tissue in fresh radical prostatectomy specimens. <i>Prostate</i> , 2019, 79, 768-777.	1.2	4

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37	Pharmacomechanical Thrombolysis in the Management of Paget-Schroetter Syndrome. Case Reports in Radiology, 2013, 2013, 1-4.	0.5	3
38	TuLIP (Tunnelled Line Intraluminal Plasty): An Alternative Technique for Salvaging Haemodialysis Catheter Patency in Fibrin Sheath Formation. CardioVascular and Interventional Radiology, 2019, 42, 770-774.	0.9	3
39	Interventional oncology. British Journal of Hospital Medicine (London, England: 2005), 2016, 77, C114-C117.	0.2	2
40	Pulmonary artery pseudoaneurysm embolisation to treat massive haemoptysis due to metastatic oropharyngeal squamous cell carcinoma. BMJ Case Reports, 2019, 12, e230283.	0.2	1
41	Letter to the editor regarding Lee J, Shin IS, Yoon WS, Koom WS, Rim CH. Comparisons between radiofrequency ablation and stereotactic body radiotherapy for liver malignancies: Meta-analyses and a systematic review. Radiother Oncol 2020;145:63â€“70. Radiotherapy and Oncology, 2021, 154, e4-e5.	0.3	1
42	VERDICT Prostate Parameter Estimation with AMICO. Mathematics and Visualization, 2018, , 229-241.	0.4	0