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Implementing diffusion-weighted MRI for body imaging in prospective multicentre trials: current considerations and future perspectives

DOI: 10.1007/s00330-017-4972-z
European Radiology, 2018, 28, 1118-1131.

Source: <https://exaly.com/paper-pdf/69608409/citation-report.pdf>

Version: 2024-04-23

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#	Paper	IF	Citations
34	Imaging biomarkers in oncology: Basics and application to MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 13-26	5.6	21
33	Validated imaging biomarkers as decision-making tools in clinical trials and routine practice: current status and recommendations from the EIBALL* subcommittee of the European Society of Radiology (ESR). <i>Insights Into Imaging</i> , 2019 , 10, 87	5.6	23
32	Stability of radiomics features in apparent diffusion coefficient maps from a multi-centre test-retest trial. <i>Scientific Reports</i> , 2019 , 9, 4800	4.9	52
31	How clinical imaging can assess cancer biology. <i>Insights Into Imaging</i> , 2019 , 10, 28	5.6	36
30	Diffusion-weighted imaging of the breast: current status as an imaging biomarker and future role. <i>BJR/Open</i> , 2019 , 1, 20180049	1.4	4
29	Considering tumour volume for motion corrected DWI of colorectal liver metastases increases sensitivity of ADC to detect treatment-induced changes. <i>Scientific Reports</i> , 2019 , 9, 3828	4.9	2
28	Evaluation of diffusion-weighted MRI and (18F) fluorothymidine-PET biomarkers for early response assessment in patients with operable non-small cell lung cancer treated with neoadjuvant chemotherapy. <i>BJR/Open</i> , 2019 , 1, 20190029	1.4	1
27	Are superior cervical sympathetic ganglia avid on whole body 68Ga-PSMA-11 PET/magnetic resonance?: a comprehensive morphologic and molecular assessment in patients with prostate cancer. <i>Nuclear Medicine Communications</i> , 2019 , 40, 1105-1111	1.6	1
26	Diffusion MRI of cancer: From low to high b-values. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 23-40	5.6	55
25	The current status of MRI in the pre-operative assessment of intramedullary conventional appendicular osteosarcoma. <i>Skeletal Radiology</i> , 2019 , 48, 503-516	2.7	17
24	Gastric cancer and imaging biomarkers: Part 1 - a critical review of DW-MRI and CE-MDCT findings. <i>European Radiology</i> , 2019 , 29, 1743-1753	8	27
23	Prostate diffusion MRI with minimal echo time using eddy current nulled convex optimized diffusion encoding. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 1526-1539	5.6	1
22	Multiparametric MRI and auto-fixed volume of interest-based radiomics signature for clinically significant peripheral zone prostate cancer. <i>European Radiology</i> , 2020 , 30, 1313-1324	8	25
21	Phase I clinical trial repurposing all-trans retinoic acid as a stromal targeting agent for pancreatic cancer. <i>Nature Communications</i> , 2020 , 11, 4841	17.4	52
20	Phantom-based quality assurance for multicenter quantitative MRI in locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , 2020 , 153, 114-121	5.3	6
19	Neuroimaging in Randomized, Multi-Center Clinical Trials of Endovascular Treatment for Acute Ischemic Stroke: A Systematic Review. <i>Korean Journal of Radiology</i> , 2020 , 21, 42-57	6.9	4
18	Six DWI questions you always wanted to know but were afraid to ask: clinical relevance for breast diffusion MRI. <i>European Radiology</i> , 2020 , 30, 2561-2570	8	15

17	Multicenter analysis of clinical and MRI characteristics associated with detecting clinically significant prostate cancer in PI-RADS (v2.0) category 3 lesions. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 637.e9-637.e15	2.8	5
16	Semi-automatic quantitative analysis of the pelvic bony structures on apparent diffusion coefficient maps based on deep learning: establishment of reference ranges.. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022 , 12, 576-591	3.6	
15	Imaging response evaluation after neoadjuvant treatment in soft tissue sarcomas: Where do we stand?. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 160, 103309	7	5
14	Whole-body diffusion-weighted magnetic resonance imaging and apparent diffusion coefficient values as prognostic factors in multiple myeloma. <i>Experimental and Therapeutic Medicine</i> , 2021 , 22, 827	2.1	2
13	Empirical validation of gradient field models for an accurate ADC measured on clinical 3T MR systems in body oncologic applications. <i>Physica Medica</i> , 2021 , 86, 113-120	2.7	2
12	Quantitative imaging of uterine cancers with diffusion-weighted MRI and 18-fluorodeoxyglucose PET/CT. <i>Abdominal Radiology</i> , 2021 , 1	3	0
11	Utility of multi-parametric quantitative magnetic resonance imaging of the lacrimal gland for diagnosing and staging GravesTophthalmopathy. <i>European Journal of Radiology</i> , 2021 , 141, 109815	4.7	1
10	Diffuse vertebral marrow changes at MRI: Multiple myeloma or normal?. <i>Skeletal Radiology</i> , 2022 , 51, 89-99	2.7	2
9	Repeatability and reproducibility of ADC measurements: a prospective multicenter whole-body-MRI study. <i>European Radiology</i> , 2021 , 31, 4514-4527	8	6
8	Comparison of the diagnostic effectiveness of whole body magnetic resonance imaging with diffusion weighted imaging and positron emission tomography/computed tomography in determining tumor response in lymphoma after the end of chemotherapy: Minsk scale and Deauville scale. <i>Diagnostic Radiology and Radiotherapy</i> , 2020 , 11, 78-92	0.4	3
7	Is the level of diffusion restriction in celiac and cervico-thoracic sympathetic ganglia helpful in their proper recognition on PSMA ligand PET/MR?. <i>Nuklearmedizin - NuclearMedicine</i> , 2020 , 59, 300-307	1.8	
6	Utilization of MR imaging in myodural bridge complex with relevant muscles: current status and future perspectives. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2020 , 20, 382-389	1.3	1
5	Long-Term Stability of Gradient Characteristics Warrants Model-Based Correction of Diffusion Weighting Bias.. <i>Tomography</i> , 2022 , 8, 364-375	3.1	1
4	Diffusion-Weighted Magnetic Resonance Imaging in Ovarian Cancer: Exploiting Strengths and Understanding Limitations.. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	0
3	Clinical translation of quantitative magnetic resonance imaging biomarkers [An overview and gap analysis of current practice. 2022 , 101, 165-182		0
2	Standardised lesion segmentation for imaging biomarker quantitation: a consensus recommendation from ESR and EORTC. 2022 , 13,		1
1	Evaluation of Apparent Diffusion Coefficient Repeatability and Reproducibility for Preclinical MRIs Using Standardized Procedures and a Diffusion-Weighted Imaging Phantom. 2023 , 9, 375-386		0