

Natsuko Onishi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

608
citations

759233

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610901

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28
all docs

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docs citations

28
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravoxel Incoherent Motion and Quantitative Non-Gaussian Diffusion MR Imaging: Evaluation of the Diagnostic and Prognostic Value of Several Markers of Malignant and Benign Breast Lesions. <i>Radiology</i> , 2018, 287, 432-441.	7.3	93
2	A machine learning model that classifies breast cancer pathologic complete response on MRI post-neoadjuvant chemotherapy. <i>Breast Cancer Research</i> , 2020, 22, 57.	5.0	63
3	Ultrafast dynamic contrast-enhanced breast MRI may generate prognostic imaging markers of breast cancer. <i>Breast Cancer Research</i> , 2020, 22, 58.	5.0	45
4	Ultrafast dynamic contrast-enhanced mri of the breast using compressed sensing: breast cancer diagnosis based on separate visualization of breast arteries and veins. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 97-104.	3.4	39
5	New parameters of ultrafast dynamic contrast-enhanced breast MRI using compressed sensing. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 164-174.	3.4	38
6	Apparent diffusion coefficient as a potential surrogate marker for Ki-67 index in mucinous breast carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 610-615.	3.4	37
7	Characterization of Sub-1 cm Breast Lesions Using Radiomics Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1468-1477.	3.4	34
8	Predicting breast cancer response to neoadjuvant treatment using multi-feature MRI: results from the I-SPY 2 TRIAL. <i>Npj Breast Cancer</i> , 2020, 6, 63.	5.2	30
9	Differentiation between subcentimeter carcinomas and benign lesions using kinetic parameters derived from ultrafast dynamic contrast-enhanced breast MRI. <i>European Radiology</i> , 2020, 30, 756-766.	4.5	28
10	Appearance Constrained Semi-Automatic Segmentation from DCE-MRI is Reproducible and Feasible for Breast Cancer Radiomics: A Feasibility Study. <i>Scientific Reports</i> , 2018, 8, 4838.	3.3	26
11	Diagnostic performance of maximum slope: A kinetic parameter obtained from ultrafast dynamic contrast-enhanced magnetic resonance imaging of the breast using k-space weighted image contrast (KWIC). <i>European Journal of Radiology</i> , 2019, 118, 285-292.	2.6	25
12	Breast MRI during Neoadjuvant Chemotherapy: Lack of Background Parenchymal Enhancement Suppression and Inferior Treatment Response. <i>Radiology</i> , 2021, 301, 295-308.	7.3	17
13	Radiologist-Level Performance by Using Deep Learning for Segmentation of Breast Cancers on MRI Scans. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e200231.	5.8	16
14	Variability of non-Gaussian diffusion MRI and intravoxel incoherent motion (IVIM) measurements in the breast. <i>PLoS ONE</i> , 2018, 13, e0193444.	2.5	15
15	Impact of the Number of Iterations in Compressed Sensing Reconstruction on Ultrafast Dynamic Contrast-enhanced Breast MR Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 200-207.	2.0	14
16	Intravoxel incoherent motion (IVIM) and non-Gaussian diffusion MRI of the lactating breast. <i>European Journal of Radiology Open</i> , 2018, 5, 24-30.	1.6	12
17	The Value of Lesion Size as an Adjunct to the BI-RADS-MRI 2013 Descriptors in the Diagnosis of Solitary Breast Masses. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 203-210.	2.0	12
18	Using Deep Learning to Improve Nonsystematic Viewing of Breast Cancer on MRI. <i>Journal of Breast Imaging</i> , 2021, 3, 201-207.	1.3	12

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19	Tumor Sphericity Predicts Response in Neoadjuvant Chemotherapy for Invasive Breast Cancer. Tomography, 2020, 6, 216-222.	1.8	11
20	Impact of MRI Protocol Adherence on Prediction of Pathological Complete Response in the I-SPY 2 Neoadjuvant Breast Cancer Trial. Tomography, 2020, 6, 77-85.	1.8	8
21	Comparison of Segmentation Methods in Assessing Background Parenchymal Enhancement as a Biomarker for Response to Neoadjuvant Therapy. Tomography, 2020, 6, 101-110.	1.8	8
22	Non-contrast-enhanced magnetic resonance venography using magnetization-prepared rapid gradient-echo (MPRAGE) in the preoperative evaluation of living liver donor candidates: Comparison with conventional computed tomography venography. European Journal of Radiology, 2017, 90, 89-96.	2.6	6
23	Denosing and Multiple Tissue Compartment Visualization of Multi-valued Breast Diffusion MRI. Journal of Magnetic Resonance Imaging, 2021, 53, 271-282.	3.4	6
24	Breast cancer screening for women at high risk: review of current guidelines from leading specialty societies. Breast Cancer, 2021, 28, 1195-1211.	2.9	4
25	Effect of Inter-Reader Variability on Diffusion-Weighted MRI Apparent Diffusion Coefficient Measurements and Prediction of Pathologic Complete Response for Breast Cancer. Tomography, 2022, 8, 1208-1220.	1.8	4
26	Can Follow-up be Avoided for Probably Benign US Masses with No Enhancement on MRI?. European Radiology, 2021, 31, 975-982.	4.5	3
27	Post-Processing Bias Field Inhomogeneity Correction for Assessing Background Parenchymal Enhancement on Breast MRI as a Quantitative Marker of Treatment Response. Tomography, 2022, 8, 891-904.	1.8	2
28	A pilot study to determine the diagnostic criteria of spiculated masses for BI-RADS MRI category 5: when to perform re-biopsy after discordant pathologic result?. Breast Cancer, 2017, 24, 69-78.	2.9	0