

Susan M Noworolski

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,920
citations

361413

20
h-index

302126

39
g-index

39
all docs

39
docs citations

39
times ranked

3102
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative imaging biomarkers alliance (QIBA) recommendations for improved precision of DWI and DCE-MRI derived biomarkers in multicenter oncology trials. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e101-e121.	3.4	241
2	Effects of Dietary Fructose Restriction on Liver Fat, De Novo Lipogenesis, and Insulin Kinetics in Children With Obesity. <i>Gastroenterology</i> , 2017, 153, 743-752.	1.3	189
3	Effect of a High-Fructose Weight-Maintaining Diet on Lipogenesis and Liver Fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2434-2442.	3.6	180
4	Iso-caloric fructose restriction and metabolic improvement in children with obesity and metabolic syndrome. <i>Obesity</i> , 2016, 24, 453-460.	3.0	145
5	An automated technique for the quantitative assessment of 3D-MRSI data from patients with glioma. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 167-177.	3.4	135
6	Time-dependent effects of hormone-deprivation therapy on prostate metabolism as detected by combined magnetic resonance imaging and 3D magnetic resonance spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 49-57.	3.0	120
7	Magnetic resonance imaging for secondary assessment of breast density in a high-risk cohort. <i>Magnetic Resonance Imaging</i> , 2010, 28, 8-15.	1.8	111
8	Assessment of metastatic cervical adenopathy using dynamic contrast-enhanced MR imaging. <i>American Journal of Neuroradiology</i> , 2003, 24, 301-11.	2.4	91
9	Reduced-FOV excitation decreases susceptibility artifact in diffusion-weighted MRI with endorectal coil for prostate cancer detection. <i>Magnetic Resonance Imaging</i> , 2015, 33, 56-62.	1.8	86
10	High spatial resolution 1H-MRSI and segmented MRI of cortical gray matter and subcortical white matter in three regions of the human brain. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 21-29.	3.0	82
11	Liver Steatosis: Investigation of Opposed-Phase T1-weighted Liver MR Signal Intensity Loss and Visceral Fat Measurement as Biomarkers. <i>Radiology</i> , 2008, 249, 160-166.	7.3	51
12	Short-term isocaloric fructose restriction lowers apoC-III levels and yields less atherogenic lipoprotein profiles in children with obesity and metabolic syndrome. <i>Atherosclerosis</i> , 2016, 253, 171-177.	0.8	42
13	Role of endorectal MR imaging and MR spectroscopic imaging in defining treatable intraprostatic tumor foci in prostate cancer: Quantitative analysis of imaging contour compared to whole-mount histopathology. <i>Radiotherapy and Oncology</i> , 2014, 110, 303-308.	0.6	39
14	Liver Steatosis: Concordance of MR Imaging and MR Spectroscopic Data with Histologic Grade. <i>Radiology</i> , 2012, 264, 88-96.	7.3	37
15	Phase I Study of CTT1057, an 18F-Labeled Imaging Agent with Phosphoramidate Core Targeting Prostate-Specific Membrane Antigen in Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 910-916.	5.0	35
16	A clinical comparison of rigid and inflatable endorectal coil probes for MRI and 3D MR spectroscopic imaging (MRSI) of the prostate. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1077-1082.	3.4	30
17	Quantitative characterization of bone marrow edema pattern in rheumatoid arthritis using 3 tesla MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 211-217.	3.4	28
18	Respiratory motion-corrected proton magnetic resonance spectroscopy of the liver. <i>Magnetic Resonance Imaging</i> , 2009, 27, 570-576.	1.8	26

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19	High-Resolution 3-T Endorectal Prostate MRI: A Multireader Study of Radiologist Preference and Perceived Interpretive Quality of 2D and 3D T2-Weighted Fast Spin-Echo MR Images. <i>American Journal of Roentgenology</i> , 2016, 206, 86-91.	2.2	25
20	Human immunodeficiency virus-infected and uninfected adults with non-genotype 3 hepatitis C virus have less hepatic steatosis than adults with neither infection. <i>Hepatology</i> , 2017, 65, 853-863.	7.3	25
21	Characterization and stratification of prostate lesions based on comprehensive multiparametric MRI using detailed whole-mount histopathology as a reference standard. <i>NMR in Biomedicine</i> , 2017, 30, e3796.	2.8	19
22	Controlled attenuation parameter and magnetic resonance spectroscopy-measured liver steatosis are discordant in obese HIV-infected adults. <i>Aids</i> , 2017, 31, 2119-2125.	2.2	18
23	Post-processing correction of the endorectal coil reception effects in MR spectroscopic imaging of the prostate. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 654-662.	3.4	17
24	¹⁸ F Fluorocholine Dynamic Time-of-Flight PET/MR Imaging in Patients with Newly Diagnosed Intermediate- to High-Risk Prostate Cancer: Initial Clinical-Pathologic Comparisons. <i>Radiology</i> , 2017, 282, 429-436.	7.3	15
25	Bone Structure and Perfusion Quantification of Bone Marrow Edema Pattern in the Wrist of Patients with Rheumatoid Arthritis: A Multimodality Study. <i>Journal of Rheumatology</i> , 2014, 41, 1766-1773.	2.0	14
26	Iso-caloric Fructose Restriction Reduces Serum d-Lactate Concentration in Children With Obesity and Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3003-3011.	3.6	14
27	Abnormal findings on multiparametric prostate magnetic resonance imaging predict subsequent biopsy upgrade in patients with low risk prostate cancer managed with active surveillance. <i>Abdominal Imaging</i> , 2014, 39, 1027-1035.	2.0	12
28	Practical aspects of prostate MRI: hardware and software considerations, protocols, and patient preparation. <i>Abdominal Radiology</i> , 2016, 41, 817-830.	2.1	12
29	Phase I study of dose escalation to dominant intraprostatic lesions using high-dose-rate brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , 2018, 10, 193-201.	0.9	12
30	Improved multiparametric MRI discrimination between low-risk prostate cancer and benign tissues in a small cohort of 5 α -reductase inhibitor treated individuals as compared with an untreated cohort. <i>NMR in Biomedicine</i> , 2017, 30, e3696.	2.8	11
31	Assessing high-intensity focused ultrasound treatment of prostate cancer with hyperpolarized ¹³ C dual-agent imaging of metabolism and perfusion. <i>NMR in Biomedicine</i> , 2019, 32, e3962.	2.8	10
32	Liver diffusivity in healthy volunteers and patients with chronic liver disease: Comparison of breathhold and free-breathing techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 103-109.	3.4	9
33	A pilot study of endorectal magnetic resonance imaging and magnetic resonance spectroscopic imaging changes with dutasteride in patients with low risk prostate cancer. <i>BJU International</i> , 2011, 108, E164-E170.	2.5	8
34	Effects of Iso-caloric Fructose Restriction on Ceramide Levels in Children with Obesity and Cardiometabolic Risk: Relation to Hepatic De Novo Lipogenesis and Insulin Sensitivity. <i>Nutrients</i> , 2022, 14, 1432.	4.1	8
35	Clinical Investigations Interactive, multi-modality image registrations for combined MRI/MRSI-planned HDR prostate brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , 2011, 1, 26-31.	0.9	7
36	Identification of prostate cancer using multiparametric MR imaging characteristics of prostate tissues referenced to whole mount histopathology. <i>Magnetic Resonance Imaging</i> , 2022, 85, 251-261.	1.8	7

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37	Quantitative imaging biomarkers alliance (QIBA) recommendations for improved precision of DWI and DCE-MRI derived biomarkers in multicenter oncology trials. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, i.	3.4	5
38	Semiautomatic registration of digital histopathology images to in vivo MR images in molded and unmolded prostates. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1223-1229.	3.4	3
39	A Randomized Controlled Trial of a Mindfulness-Based Intervention for Metabolic Health in Obese Adults. <i>Journal of Alternative and Complementary Medicine</i> , 2014, 20, A15-A15.	2.1	1