

Andreas M Loening

List of Publications by Year in descending order

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papers

4,579
citations

318942

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#	ARTICLE	IF	CITATIONS
1	Diagnostic Performance of 9 Quantitative Ultrasound Parameters for Detection and Classification of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease. <i>Investigative Radiology</i> , 2022, 57, 23-32.	3.5	15
2	Lymphatic regeneration after implantation of aligned nanofibrillar collagen scaffolds: Preliminary preclinical and clinical results. <i>Journal of Surgical Oncology</i> , 2022, 125, 113-122.	0.8	14
3	Renal Artery Variations in Patients With Mild-to-Moderate Hypertension From the RADIANCE-HTN SOLO Trial. <i>Cardiovascular Revascularization Medicine</i> , 2022, 39, 58-65.	0.3	3
4	Upstream Machine Learning in Radiology. <i>Radiologic Clinics of North America</i> , 2021, 59, 967-985.	0.9	9
5	Simultaneous PET/MRI in the Evaluation of Breast and Prostate Cancer Using Combined Na[18F] F and [18F]FDG: a Focus on Skeletal Lesions. <i>Molecular Imaging and Biology</i> , 2020, 22, 397-406.	1.3	14
6	How Often is the Dynamic Contrast Enhanced Score Needed in PI-RADS Version 2?. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 173-176.	0.6	7
7	A New Multimodel Machine Learning Framework to Improve Hepatic Fibrosis Grading Using Ultrasound Elastography Systems from Different Vendors. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 26-33.	0.7	10
8	Variable Refocusing Flip Angle Single-Shot Imaging for Sedation-Free Fast Brain MRI. <i>American Journal of Neuroradiology</i> , 2020, 41, 1256-1262.	1.2	1
9	Conical ultrashort echo time (LUTE) MRI in the evaluation of pediatric acute appendicitis. <i>Abdominal Radiology</i> , 2019, 44, 22-30.	1.0	4
10	The use of PET/MRI for imaging rectal cancer. <i>Abdominal Radiology</i> , 2019, 44, 3559-3568.	1.0	19
11	Viewâ€Šsharing Artifact Reduction With Retrospective Compressed Sensing Reconstruction in the Context of Contrastâ€ŠEnhanced Liver MRI for Hepatocellular Carcinoma (HCC) Screening. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 984-993.	1.9	6
12	Prostate Magnetic Resonance Imaging Interpretation Varies Substantially Across Radiologists. <i>European Urology Focus</i> , 2019, 5, 592-599.	1.6	179
13	Structured Reporting of Multiphase CT for Hepatocellular Carcinoma: Effect on Staging and Suitability for Transplant. <i>American Journal of Roentgenology</i> , 2018, 210, 766-774.	1.0	17
14	The impact of computed high b-value images on the diagnostic accuracy of DWI for prostate cancer: A receiver operating characteristics analysis. <i>Scientific Reports</i> , 2018, 8, 3409.	1.6	13
15	Prospective Evaluation of ⁶⁸ Ga-RM2 PET/MRI in Patients with Biochemical Recurrence of Prostate Cancer and Negative Findings on Conventional Imaging. <i>Journal of Nuclear Medicine</i> , 2018, 59, 803-808.	2.8	70
16	Relative value of three whole-body MR approaches for PET-MR, including gadofosveset-enhanced MR, in comparison to PET-CT. <i>Clinical Imaging</i> , 2018, 48, 62-68.	0.8	1
17	Variable refocusing flip angle single-shot fast spin echo imaging of liver lesions: increased speed and lesion contrast. <i>Abdominal Radiology</i> , 2018, 43, 593-599.	1.0	2
18	Gallium 68 PSMA-11 PET/MR Imaging in Patients with Intermediate- or High-Risk Prostate Cancer. <i>Radiology</i> , 2018, 288, 495-505.	3.6	97

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19	Increased Speed and Image Quality for Pelvic Single-Shot Fast Spin-Echo Imaging with Variable Refocusing Flip Angles and Full-Fourier Acquisition. <i>Radiology</i> , 2017, 282, 561-568.	3.6	18
20	High temporal resolution dynamic MRI and arterial input function for assessment of GFR in pediatric subjects. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1301-1311.	1.9	7
21	Pilot Comparison of ⁶⁸ Ga-RM2 PET and ⁶⁸ Ga-PSMA-11 PET in Patients with Biochemically Recurrent Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 557-562.	2.8	155
22	⁶⁸ Ga-DOTA-Bombesin (⁶⁸ Ga-RM2 or ⁶⁸ Ga-Bombesin) PET versus ⁶⁸ Ga-PSMA PET: A pilot prospective evaluation in patients with biochemical recurrence of prostate cancer.. <i>Journal of Clinical Oncology</i> , 2016, 34, 331-331.	0.8	2
23	Increased speed and image quality in single-shot fast spin echo imaging via variable refocusing flip angles. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1747-1758.	1.9	26
24	Faster pediatric 3-T abdominal magnetic resonance imaging: comparison between conventional and variable refocusing flip-angle single-shot fast spin-echo sequences. <i>Pediatric Radiology</i> , 2015, 45, 847-854.	1.1	8
25	Prospective Comparison of ^{99m} Tc-MDP Scintigraphy, Combined ¹⁸ F-NaF and ¹⁸ F-FDG PET/CT, and Whole-Body MRI in Patients with Breast and Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1862-1868.	2.8	95
26	Engineering Luciferases for Assays and Imaging. , 2014, , 203-231.		2
27	A red-shifted Renilla luciferase for transient reporter-gene expression. <i>Nature Methods</i> , 2010, 7, 5-6.	9.0	144
28	Indirect imaging of cardiac-specific transgene expression using a bidirectional two-step transcriptional amplification strategy. <i>Gene Therapy</i> , 2010, 17, 827-838.	2.3	32
29	BRET3: a red-shifted bioluminescence resonance energy transfer (BRET)-based integrated platform for imaging protein-protein interactions from single live cells and living animals. <i>FASEB Journal</i> , 2009, 23, 2702-2709.	0.2	98
30	Cell-free metabolic engineering promotes high-level production of bioactive Gaussia princeps luciferase. <i>Metabolic Engineering</i> , 2008, 10, 187-200.	3.6	75
31	An Improved Bioluminescence Resonance Energy Transfer Strategy for Imaging Intracellular Events in Single Cells and Living Subjects. <i>Cancer Research</i> , 2007, 67, 7175-7183.	0.4	108
32	Crystal Structures of the Luciferase and Green Fluorescent Protein from Renilla reniformis. <i>Journal of Molecular Biology</i> , 2007, 374, 1017-1028.	2.0	130
33	Red-shifted Renilla reniformis luciferase variants for imaging in living subjects. <i>Nature Methods</i> , 2007, 4, 641-643.	9.0	277
34	Multimodality imaging of tumor xenografts and metastases in mice with combined small-animal PET, small-animal CT, and bioluminescence imaging. <i>Journal of Nuclear Medicine</i> , 2007, 48, 295-303.	2.8	116
35	Consensus guided mutagenesis of Renilla luciferase yields enhanced stability and light output. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 391-400.	1.0	371
36	Self-illuminating quantum dot conjugates for in vivo imaging. <i>Nature Biotechnology</i> , 2006, 24, 339-343.	9.4	757

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37	Creating self-illuminating quantum dot conjugates. <i>Nature Protocols</i> , 2006, 1, 1160-1164.	5.5	94
38	HaloTag Protein-Mediated Site-Specific Conjugation of Bioluminescent Proteins to Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4936-4940.	7.2	153
39	Bifunctional antibody-Renilla luciferase fusion protein for in vivo optical detection of tumors. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 453-460.	1.0	56
40	AMIDE: A Free Software Tool for Multimodality Medical Image Analysis. <i>Molecular Imaging</i> , 2003, 2, 131-137.	0.7	829
41	Whole-body skeletal imaging in mice utilizing microPET: optimization of reproducibility and applications in animal models of bone disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1225-1236.	3.3	61
42	Injurious Mechanical Compression of Bovine Articular Cartilage Induces Chondrocyte Apoptosis. <i>Archives of Biochemistry and Biophysics</i> , 2000, 381, 205-212.	1.4	311
43	A versatile shear and compression apparatus for mechanical stimulation of tissue culture explants. <i>Journal of Biomechanics</i> , 2000, 33, 1523-1527.	0.9	162