

Lynn J Savic

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

644
citations

12
h-index

25
g-index

39
ext. papers

915
ext. citations

6.6
avg, IF

3.88
L-index

#	Paper	IF	Citations
36	Optimization of the BCLC Staging System for Locoregional Therapy for Hepatocellular Carcinoma by Using Quantitative Tumor Burden Imaging Biomarkers at MRI.. <i>Radiology</i> , 2022 , 212426	20.5	1
35	Lipiodol Deposition and Washout in Primary and Metastatic Liver Tumors After Chemoembolization. <i>In Vivo</i> , 2021 , 35, 3261-3270	2.3	2
34	Comparison of metabolic and immunologic responses to transarterial chemoembolization with different chemoembolic regimens in a rabbit VX2 liver tumor model. <i>European Radiology</i> , 2021 , 1	8	1
33	Hepatic Radiofrequency Ablation: Monitoring of Ablation-Induced Macrophage Recruitment in the Periablational Rim Using SPION-Enhanced Macrophage-Specific Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2021 , 56, 591-598	10.1	0
32	Fibronodular hepatocellular carcinoma-a new variant of liver cancer: clinical, pathological and radiological correlation. <i>Journal of Clinical Pathology</i> , 2021 , 74, 31-35	3.9	7
31	Prospective study of Lipiodol distribution as an imaging marker for doxorubicin pharmacokinetics during conventional transarterial chemoembolization of liver malignancies. <i>European Radiology</i> , 2021 , 31, 3002-3014	8	6
30	Reliable prediction of survival in advanced-stage hepatocellular carcinoma treated with sorafenib: comparing 1D and 3D quantitative tumor response criteria on MRI. <i>European Radiology</i> , 2021 , 31, 2737-2746	8	2
29	Deep learning-assisted differentiation of pathologically proven atypical and typical hepatocellular carcinoma (HCC) versus non-HCC on contrast-enhanced MRI of the liver. <i>European Radiology</i> , 2021 , 31, 4981-4990	8	9
28	Comparison of intrahepatic progression patterns of hepatocellular carcinoma and colorectal liver metastases following CT-guided high dose-rate brachytherapy. <i>Therapeutic Advances in Medical Oncology</i> , 2021 , 13, 17588359211042304	5.4	0
27	Elastin-specific MRI of extracellular matrix-remodelling following hepatic radiofrequency-ablation in a VX2 liver tumor model. <i>Scientific Reports</i> , 2021 , 11, 6814	4.9	0
26	A high-throughput imaging platform to characterize extracellular pH in organotypic three-dimensional in vitro models of liver cancer. <i>NMR in Biomedicine</i> , 2021 , 34, e4465	4.4	1
25	Neutrophil-to-lymphocyte and platelet-to-lymphocyte ratios as predictors of tumor response in hepatocellular carcinoma after DEB-TACE. <i>European Radiology</i> , 2020 , 30, 5663-5673	8	17
24	Quantification of contrast-uptake as imaging biomarker for disease progression of renal cell carcinoma after tumor ablation. <i>Acta Radiologica</i> , 2020 , 61, 1708-1716	2	
23	Molecular MRI of the Immuno-Metabolic Interplay in a Rabbit Liver Tumor Model: A Biomarker for Resistance Mechanisms in Tumor-targeted Therapy?. <i>Radiology</i> , 2020 , 296, 575-583	20.5	10
22	Lipiodol as an Imaging Biomarker of Tumor Response After Conventional Transarterial Chemoembolization: Prospective Clinical Validation in Patients with Primary and Secondary Liver Cancer. <i>Translational Oncology</i> , 2020 , 13, 100742	4.9	8
21	Idarubicin-Loaded ONCOZENE Drug-Eluting Bead Chemoembolization in a Rabbit Liver Tumor Model: Investigating Safety, Therapeutic Efficacy, and Effects on Tumor Microenvironment. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 1706-1716.e1	2.4	2
20	Quantitative MRI for Assessment of Treatment Outcomes in a Rabbit VX2 Hepatic Tumor Model. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 668-685	5.6	3

19	Extracellular pH mapping of liver cancer on a clinical 3T MRI scanner. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1553-1564	4.4	21
18	Automated feature quantification of Lipiodol as imaging biomarker to predict therapeutic efficacy of conventional transarterial chemoembolization of liver cancer. <i>Scientific Reports</i> , 2020 , 10, 18026	4.9	2
17	Molecular Imaging of Extracellular Tumor pH to Reveal Effects of Locoregional Therapy on Liver Cancer Microenvironment. <i>Clinical Cancer Research</i> , 2020 , 26, 428-438	12.9	18
16	Primary Neuroendocrine Neoplasms of the Breast: Case Series and Literature Review. <i>Cancers</i> , 2020 , 12,	6.6	10
15	Quantitative Imaging Biomarkers for Y Distribution on Bremsstrahlung SPECT After Resin-Based Radioembolization. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 1066-1072	8.9	6
14	Deep learning for liver tumor diagnosis part II: convolutional neural network interpretation using radiologic imaging features. <i>European Radiology</i> , 2019 , 29, 3348-3357	8	56
13	Deep learning for liver tumor diagnosis part I: development of a convolutional neural network classifier for multi-phasic MRI. <i>European Radiology</i> , 2019 , 29, 3338-3347	8	104
12	Theranostic application of lipiodol for transarterial chemoembolization in a VX2 rabbit liver tumor model. <i>Theranostics</i> , 2019 , 9, 3674-3686	12.1	16
11	Fluorodeoxyglucose PET for Monitoring Response to Embolotherapy (Transarterial Chemoembolization) in Primary and Metastatic Liver Tumors. <i>PET Clinics</i> , 2019 , 14, 437-445	2.2	2
10	Predicting Treatment Response to Intra-arterial Therapies for Hepatocellular Carcinoma with the Use of Supervised Machine Learning-An Artificial Intelligence Concept. <i>Journal of Vascular and Interventional Radiology</i> , 2018 , 29, 850-857.e1	2.4	79
9	Predicting Treatment Response to Image-Guided Therapies Using Machine Learning: An Example for Trans-Arterial Treatment of Hepatocellular Carcinoma. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	3
8	Intra-arterial embolotherapy for intrahepatic cholangiocarcinoma: update and future prospects. <i>Hepatobiliary Surgery and Nutrition</i> , 2017 , 6, 7-21	2.1	26
7	Intra-arterial therapy of neuroendocrine tumour liver metastases: comparing conventional TACE, drug-eluting beads TACE and yttrium-90 radioembolisation as treatment options using a propensity score analysis model. <i>European Radiology</i> , 2017 , 27, 4995-5005	8	34
6	Targeting glucose metabolism in cancer: new class of agents for loco-regional and systemic therapy of liver cancer and beyond?. <i>Hepatic Oncology</i> , 2016 , 3, 19-28	4	12
5	Early survival prediction after intra-arterial therapies: a 3D quantitative MRI assessment of tumour response after TACE or radioembolization of colorectal cancer metastases to the liver. <i>European Radiology</i> , 2015 , 25, 1993-2003	8	50
4	Three-dimensional quantitative assessment of lesion response to MR-guided high-intensity focused ultrasound treatment of uterine fibroids. <i>Academic Radiology</i> , 2015 , 22, 1199-205	4.3	6
3	Three-Dimensional Quantitative Assessment of Uterine Fibroid Response after Uterine Artery Embolization Using Contrast-Enhanced MR Imaging. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 670-678.e2	2.4	8
2	Systemic delivery of microencapsulated 3-bromopyruvate for the therapy of pancreatic cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 6406-17	12.9	36

- 1 Radiologic-pathologic analysis of contrast-enhanced and diffusion-weighted MR imaging in patients with HCC after TACE: diagnostic accuracy of 3D quantitative image analysis. *Radiology*, **2014**, 273, 746-58^{20.5} 84