

Maria Stanczak

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

732
citations

623734

14
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

1033
citing authors

#	ARTICLE	IF	CITATIONS
1	How to perform Contrast-Enhanced Ultrasound (CEUS). <i>Ultrasound International Open</i> , 2018, 04, E2-E15.	0.6	222
2	Sensitization of Hypoxic Tumors to Radiation Therapy Using Ultrasound-Sensitive Oxygen Microbubbles. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 88-96.	0.8	78
3	Development of an ultrasound sensitive oxygen carrier for oxygen delivery to hypoxic tissue. <i>International Journal of Pharmaceutics</i> , 2015, 478, 361-367.	5.2	66
4	Exosomal $\alpha 6$ integrin is required for monocyte M2 polarization in prostate cancer. <i>Matrix Biology</i> , 2018, 70, 20-35.	3.6	54
5	Monitoring Neoadjuvant Chemotherapy for Breast Cancer by Using Three-dimensional Subharmonic Aided Pressure Estimation and Imaging with US Contrast Agents: Preliminary Experience. <i>Radiology</i> , 2017, 285, 53-62.	7.3	39
6	Diagnosing Portal Hypertension with Noninvasive Subharmonic Pressure Estimates from a US Contrast Agent. <i>Radiology</i> , 2021, 298, 104-111.	7.3	38
7	Non-Invasive Intra-cardiac Pressure Measurements Using Subharmonic-Aided Pressure Estimation: Proof of Concept in Humans. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2718-2724.	1.5	33
8	Effect of Pulse Shaping on Subharmonic Aided Pressure Estimation In Vitro and In Vivo. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 3-11.	1.7	23
9	Subdermal Ultrasound Contrast Agent Injection for Sentinel Lymph Node Identification: An Analysis of Safety and Contrast Agent Dose in Healthy Volunteers. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 1611-1620.	1.7	21
10	Gemcitabine-loaded microbubble system for ultrasound imaging and therapy. <i>Acta Biomaterialia</i> , 2021, 130, 385-394.	8.3	21
11	Photoacoustic Oxygenation Quantification in Patients with Raynaud's: First-in-Human Results. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 2081-2088.	1.5	19
12	Evaluation of hepatocellular carcinoma transarterial chemoembolization using quantitative analysis of 2D and 3D real-time contrast enhanced ultrasound. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 035039.	1.2	18
13	Sentinel Lymph Node Characterization with a Dual-Targeted Molecular Ultrasound Contrast Agent. <i>Molecular Imaging and Biology</i> , 2018, 20, 221-229.	2.6	16
14	On Factors Affecting Subharmonic-aided Pressure Estimation (SHAPE). <i>Ultrasonic Imaging</i> , 2019, 41, 35-48.	2.6	14
15	Ultrasound Detection of Microcalcifications in Surgical Breast Specimens. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1286-1290.	1.5	12
16	Characterization of Breast Microcalcifications Using a New Ultrasound Image Processing Technique. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 1733-1738.	1.7	11
17	Characterizing Breast Lesions Using Quantitative Parametric 3D Subharmonic Imaging: A Multicenter Study. <i>Academic Radiology</i> , 2020, 27, 1065-1074.	2.5	10
18	Assessing carotid plaque neovascularity and calcifications in patients prior to endarterectomy. <i>Journal of Vascular Surgery</i> , 2019, 70, 1137-1144.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Subharmonic and Endoscopic Contrast Imaging of Pancreatic Masses: A Pilot Study. Journal of Ultrasound in Medicine, 2018, 37, 123-129.	1.7	8
20	<scp>3D</scp> Harmonic and Subharmonic Imaging for Characterizing Breast Lesions. Journal of Ultrasound in Medicine, 2022, 41, 1667-1675.	1.7	5
21	Threeâ€Dimensional Subharmonic Aided Pressure Estimation for Assessing Arterial Plaques in a Rabbit Model. Journal of Ultrasound in Medicine, 2019, 38, 1865-1873.	1.7	4
22	Monitoring Progression of Ductal Carcinoma In Situ Using Photoacoustics and Contrast-Enhanced Ultrasound. Translational Oncology, 2019, 12, 973-980.	3.7	3
23	Performance of Molecular Lymphosonography for Detection and Quantification of Metastatic Involvement in Sentinel Lymph Nodes. Journal of Ultrasound in Medicine, 2019, 38, 2103-2110.	1.7	3
24	Contrast-enhanced ultrasound identifies early extrahepatic collateral contributing to residual hepatocellular tumor viability after transarterial chemoembolization. Radiology Case Reports, 2018, 13, 713-718.	0.6	2
25	Contrastâ€Enhanced Sonography and Fusion Technology for Assessment of an Embolized Renal Angiomyolipoma. Journal of Ultrasound in Medicine, 2016, 35, 2292-2295.	1.7	1
26	Contrast-enhanced nonlinear 3D ultrasound imaging of breast lesions in a clinical population. , 2016, , .		1
27	Ultrasound microbubble targeted gemcitabine delivery for pancreatic cancer treatment. , 2017, , .		1
28	On factors impacting subharmonic aided pressure estimation (SHAPE). , 2017, , .		0
29	Quantitative 3D subharmonic imaging for characterizing breast lesions. , 2017, , .		0
30	Influence of Data Parsing on Contrast Enhanced Ultrasound Exams. Academic Radiology, 2019, 26, 1030-1039.	2.5	0
31	Contrastâ€Enhanced Ultrasound of Muscle Perfusion May Indicate Patient Response to Left Ventricular Assist Device Therapy. Journal of Ultrasound in Medicine, 2021, 40, 2675-2683.	1.7	0