

S Lori Bridal

List of Publications by Year in Descending Order

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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

686
citations

15
h-index

26
g-index

43
ext. papers

767
ext. citations

5.3
avg, IF

3.07
L-index

#	Paper	IF	Citations
36	High-Contrast and -Resolution 3-D Ultrasonography with a Clinical Linear Transducer Array Scanned in a Rotate-Translate Geometry. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 493	2.6	1
35	Monitoring Dual VEGF Inhibition in Human Pancreatic Tumor Xenografts With Dynamic Contrast-Enhanced Ultrasound. <i>Technology in Cancer Research and Treatment</i> , 2020 , 19, 1533033819886896	3.7	1
34	Quantification of tumor perfusion using dynamic contrast-enhanced ultrasound: impact of mathematical modeling. <i>Physics in Medicine and Biology</i> , 2017 , 62, 1113-1125	3.8	7
33	InVivo Multiparametric Ultrasound Imaging of Structural and Functional Tumor Modifications during Therapy. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 2000-2012	3.5	12
32	Impact of Recirculation in Dynamic Contrast-Enhanced Ultrasound: A Simulation Study. <i>Irbm</i> , 2017 , 38, 179-189	4.8	0
31	Local Transverse-Slice-Based Level-Set Method for Segmentation of 3-D High-Frequency Ultrasonic Backscatter From Dissected Human Lymph Nodes. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 1579-1591	5	7
30	Reproducibility of Contrast-Enhanced Ultrasound in Mice with Controlled Injection. <i>Molecular Imaging and Biology</i> , 2016 , 18, 651-8	3.8	10
29	VEGFR2-Targeted Contrast-Enhanced Ultrasound to Distinguish between Two Anti-Angiogenic Treatments. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 2202-11	3.5	17
28	Automatic motion estimation using flow parameters for dynamic contrast-enhanced ultrasound. <i>Physics in Medicine and Biology</i> , 2015 , 60, 2117-33	3.8	1
27	Level-set segmentation of 2D and 3D ultrasound data using local gamma distribution fitting energy 2015 ,		5
26	High-frequency (20 to 40 MHz) acoustic response of liquid-filled nanocapsules. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014 , 61, 5-15	3.2	7
25	Modeling the envelope statistics of three-dimensional high-frequency ultrasound echo signals from dissected human lymph nodes. <i>Japanese Journal of Applied Physics</i> , 2014 , 53,	1.4	15
24	Complementarity of shear wave elastography and dynamic contrast-enhanced ultrasound to discriminate tumor modifications during antiangiogenic and cytotoxic therapy 2014 ,		1
23	Detection of early therapeutic response with dynamic contrast enhanced ultrasound using a perfusion clustering algorithm 2014 ,		3
22	Dual-mode registration of dynamic contrast-enhanced ultrasound combining tissue and contrast sequences. <i>Ultrasonics</i> , 2014 , 54, 1289-99	3.5	6
21	Fast in vivo imaging of amyloid plaques using fMRI Gd-staining combined with ultrasound-induced blood-brain barrier opening. <i>NeuroImage</i> , 2013 , 79, 288-94	7.9	24
20	Echo-power estimation from log-compressed video data in dynamic contrast-enhanced ultrasound imaging. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 1826-37	3.5	21

19	Correlation and agreement between contrast-enhanced ultrasonography and perfusion computed tomography for assessment of liver metastases from endocrine tumors: normalization enhances correlation. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 953-61	3.5	16
18	Implementation of a controlled injection system for dynamic contrast-enhanced ultrasonography 2012 ,		1
17	RANKL induces organized lymph node growth by stromal cell proliferation. <i>Journal of Immunology</i> , 2012 , 188, 1245-54	5.3	36
16	Noninvasive contrast-enhanced US quantitative assessment of tumor microcirculation in a murine model: effect of discontinuing anti-VEGF therapy. <i>Radiology</i> , 2010 , 254, 420-9	20.5	55
15	Real-time chirp-coded imaging with a programmable ultrasound biomicroscope. <i>IEEE Transactions on Biomedical Engineering</i> , 2010 , 57, 654-64	5	11
14	Clinical relevance of contrast-enhanced ultrasound in monitoring anti-angiogenic therapy of cancer: current status and perspectives. <i>Critical Reviews in Oncology/Hematology</i> , 2010 , 73, 202-12	7	54
13	Ultrasound biomicroscopy: a powerful tool probing murine lymph node size in vivo. <i>Ultrasound in Medicine and Biology</i> , 2009 , 35, 1209-16	3.5	3
12	2008 ,		2
11	Perfluorooctyl Bromide Polymeric Capsules as Dual Contrast Agents for Ultrasonography and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , 2008 , 18, 2963-2971	15.6	105
10	Imagerie fonctionnelle de contraste 2007 , 61-72		
9	Ultrasonic backscatter and attenuation (11-27 MHz) variation with collagen fiber distribution in ex vivo human dermis. <i>Ultrasonic Imaging</i> , 2006 , 28, 23-40	1.9	21
8	Ultrasonic contrast agent shell rupture detected by inertial cavitation and rebound signals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006 , 53, 126-36	3.2	77
7	Parametric analysis of carotid plaque using a clinical ultrasound imaging system. <i>Ultrasound in Medicine and Biology</i> , 2003 , 29, 1521-30	3.5	19
6	Optimization of attenuation estimation in reflection for in vivo human dermis characterization at 20 MHz. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2003 , 50, 408-18	3.2	12
5	Blood flow quantification with contrast-enhanced US: "entrance in the section" phenomenon--phantom and rabbit study. <i>Radiology</i> , 2003 , 228, 473-9	20.5	76
4	Optimizing an ultrasound contrast agent's stability using in vitro attenuation measurements. <i>Investigative Radiology</i> , 2002 , 37, 672-9	10.1	5
3	Multiparametric attenuation and backscatter images for characterization of carotid plaque. <i>Ultrasonic Imaging</i> , 2000 , 22, 20-34	1.9	27
2	Characterization of atherosclerotic plaque components by high resolution quantitative MR and US imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1998 , 8, 622-9	5.6	28

1 Ultrasound Imaging79-101