

# S Lori Bridal

## List of Publications by Citations

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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	Perfluorooctyl Bromide Polymeric Capsules as Dual Contrast Agents for Ultrasonography and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 2963-2971	15.6	105
35	Ultrasonic contrast agent shell rupture detected by inertial cavitation and rebound signals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2006</b> , 53, 126-36	3.2	77
34	Blood flow quantification with contrast-enhanced US: "entrance in the section" phenomenon--phantom and rabbit study. <i>Radiology</i> , <b>2003</b> , 228, 473-9	20.5	76
33	Noninvasive contrast-enhanced US quantitative assessment of tumor microcirculation in a murine model: effect of discontinuing anti-VEGF therapy. <i>Radiology</i> , <b>2010</b> , 254, 420-9	20.5	55
32	Clinical relevance of contrast-enhanced ultrasound in monitoring anti-angiogenic therapy of cancer: current status and perspectives. <i>Critical Reviews in Oncology/Hematology</i> , <b>2010</b> , 73, 202-12	7	54
31	RANKL induces organized lymph node growth by stromal cell proliferation. <i>Journal of Immunology</i> , <b>2012</b> , 188, 1245-54	5.3	36
30	Characterization of atherosclerotic plaque components by high resolution quantitative MR and US imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>1998</b> , 8, 622-9	5.6	28
29	Multiparametric attenuation and backscatter images for characterization of carotid plaque. <i>Ultrasonic Imaging</i> , <b>2000</b> , 22, 20-34	1.9	27
28	Fast in vivo imaging of amyloid plaques using fMRI Gd-staining combined with ultrasound-induced blood-brain barrier opening. <i>NeuroImage</i> , <b>2013</b> , 79, 288-94	7.9	24
27	Echo-power estimation from log-compressed video data in dynamic contrast-enhanced ultrasound imaging. <i>Ultrasound in Medicine and Biology</i> , <b>2013</b> , 39, 1826-37	3.5	21
26	Ultrasonic backscatter and attenuation (11-27 MHz) variation with collagen fiber distribution in ex vivo human dermis. <i>Ultrasonic Imaging</i> , <b>2006</b> , 28, 23-40	1.9	21
25	Parametric analysis of carotid plaque using a clinical ultrasound imaging system. <i>Ultrasound in Medicine and Biology</i> , <b>2003</b> , 29, 1521-30	3.5	19
24	VEGFR2-Targeted Contrast-Enhanced Ultrasound to Distinguish between Two Anti-Angiogenic Treatments. <i>Ultrasound in Medicine and Biology</i> , <b>2015</b> , 41, 2202-11	3.5	17
23	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> , <b>2012</b> , 38, 953-61	3.5	16
22	Modeling the envelope statistics of three-dimensional high-frequency ultrasound echo signals from dissected human lymph nodes. <i>Japanese Journal of Applied Physics</i> , <b>2014</b> , 53,	1.4	15
21	In Vivo Multiparametric Ultrasound Imaging of Structural and Functional Tumor Modifications during Therapy. <i>Ultrasound in Medicine and Biology</i> , <b>2017</b> , 43, 2000-2012	3.5	12
20	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> , <b>2003</b> , 50, 408-18	3.2	12

19	Real-time chirp-coded imaging with a programmable ultrasound biomicroscope. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2010</b> , 57, 654-64	5	11
18	Reproducibility of Contrast-Enhanced Ultrasound in Mice with Controlled Injection. <i>Molecular Imaging and Biology</i> , <b>2016</b> , 18, 651-8	3.8	10
17	Quantification of tumor perfusion using dynamic contrast-enhanced ultrasound: impact of mathematical modeling. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 1113-1125	3.8	7
16	High-frequency (20 to 40 MHz) acoustic response of liquid-filled nanocapsules. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2014</b> , 61, 5-15	3.2	7
15	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> , <b>2017</b> , 64, 1579-1591	5	7
14	Dual-mode registration of dynamic contrast-enhanced ultrasound combining tissue and contrast sequences. <i>Ultrasonics</i> , <b>2014</b> , 54, 1289-99	3.5	6
13	Level-set segmentation of 2D and 3D ultrasound data using local gamma distribution fitting energy <b>2015</b> ,		5
12	Optimizing an ultrasound contrast agent's stability using in vitro attenuation measurements. <i>Investigative Radiology</i> , <b>2002</b> , 37, 672-9	10.1	5
11	Detection of early therapeutic response with dynamic contrast enhanced ultrasound using a perfusion clustering algorithm <b>2014</b> ,		3
10	Ultrasound biomicroscopy: a powerful tool probing murine lymph node size in vivo. <i>Ultrasound in Medicine and Biology</i> , <b>2009</b> , 35, 1209-16	3.5	3
9	<b>2008</b> ,		2
8	Automatic motion estimation using flow parameters for dynamic contrast-enhanced ultrasound. <i>Physics in Medicine and Biology</i> , <b>2015</b> , 60, 2117-33	3.8	1
7	Monitoring Dual VEGF Inhibition in Human Pancreatic Tumor Xenografts With Dynamic Contrast-Enhanced Ultrasound. <i>Technology in Cancer Research and Treatment</i> , <b>2020</b> , 19, 1533033819886896	2.7	1
6	Complementarity of shear wave elastography and dynamic contrast-enhanced ultrasound to discriminate tumor modifications during antiangiogenic and cytotoxic therapy <b>2014</b> ,		1
5	Implementation of a controlled injection system for dynamic contrast-enhanced ultrasonography <b>2012</b> ,		1
4	High-Contrast and -Resolution 3-D Ultrasonography with a Clinical Linear Transducer Array Scanned in a Rotate-Translate Geometry. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 493	2.6	1
3	Impact of Recirculation in Dynamic Contrast-Enhanced Ultrasound: A Simulation Study. <i>Irbm</i> , <b>2017</b> , 38, 179-189	4.8	0
2	Ultrasound Imaging79-101		

1 Imagerie fonctionnelle de contraste **2007**, 61-72