

S Lori Bridal

List of Publications by Year in descending order

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43
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times ranked

1149
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Perfluorooctyl Bromide Polymeric Capsules as Dual Contrast Agents for Ultrasonography and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , 2008, 18, 2963-2971. | 7.8 | 114 |
| 2 | Ultrasonic contrast agent shell rupture detected by inertial cavitation and rebound signals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006, 53, 126-136. | 1.7 | 94 |
| 3 | Blood Flow Quantification with Contrast-enhanced US: "Entrance in the Section" Phenomenon" Phantom and Rabbit Study. <i>Radiology</i> , 2003, 228, 473-479. | 3.6 | 83 |
| 4 | 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, 202-212. | 2.0 | 64 |
| 5 | Noninvasive Contrast-enhanced US Quantitative Assessment of Tumor Microcirculation in a Murine Model: Effect of Discontinuing Anti-VEGF Therapy. <i>Radiology</i> , 2010, 254, 420-429. | 3.6 | 62 |
| 6 | RANKL Induces Organized Lymph Node Growth by Stromal Cell Proliferation. <i>Journal of Immunology</i> , 2012, 188, 1245-1254. | 0.4 | 40 |
| 7 | Characterization of atherosclerotic plaque components by high resolution quantitative MR and US imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 622-629. | 1.9 | 30 |
| 8 | Multiparametric Attenuation and Backscatter Images for Characterization of Carotid Plaque. <i>Ultrasonic Imaging</i> , 2000, 22, 20-34. | 1.4 | 30 |
| 9 | Fast in vivo imaging of amyloid plaques using ^{17}O -MRI Gd-staining combined with ultrasound-induced blood-brain barrier opening. <i>NeuroImage</i> , 2013, 79, 288-294. | 2.1 | 28 |
| 10 | Echo-Power Estimation from Log-Compressed Video Data in Dynamic Contrast-Enhanced Ultrasound Imaging. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 1826-1837. | 0.7 | 27 |
| 11 | 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. | 1.4 | 25 |
| 12 | Parametric analysis of carotid plaque using a clinical ultrasound imaging system. <i>Ultrasound in Medicine and Biology</i> , 2003, 29, 1521-1530. | 0.7 | 23 |
| 13 | VEGFR2-Targeted Contrast-Enhanced Ultrasound to Distinguish between Two Anti-Angiogenic Treatments. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 2202-2211. | 0.7 | 23 |
| 14 | 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, 07KF22. | 0.8 | 20 |
| 15 | Real-time Chirp-Coded Imaging With a Programmable Ultrasound Biomicroscope. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 654-664. | 2.5 | 17 |
| 16 | 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, 953-961. | 0.7 | 16 |
| 17 | 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, 408-418. | 1.7 | 15 |
| 18 | Reproducibility of Contrast-Enhanced Ultrasound in Mice with Controlled Injection. <i>Molecular Imaging and Biology</i> , 2016, 18, 651-658. | 1.3 | 15 |

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|----|---|-----|-----------|
| 19 | InÂVivo Multiparametric Ultrasound Imaging of Structural and Functional Tumor Modifications during Therapy. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2000-2012. | 0.7 | 14 |
| 20 | 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. | 2.5 | 11 |
| 21 | Quantification of tumor perfusion using dynamic contrast-enhanced ultrasound: impact of mathematical modeling. <i>Physics in Medicine and Biology</i> , 2017, 62, 1113-1125. | 1.6 | 10 |
| 22 | Dual-mode registration of dynamic contrast-enhanced ultrasound combining tissue and contrast sequences. <i>Ultrasonics</i> , 2014, 54, 1289-1299. | 2.1 | 7 |
| 23 | 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. | 1.7 | 7 |
| 24 | Level-set segmentation of 2D and 3D ultrasound data using local gamma distribution fitting energy. , 2015, , . | | 6 |
| 25 | Optimizing an Ultrasound Contrast Agentâ€™s Stability Using In Vitro Attenuation Measurements. <i>Investigative Radiology</i> , 2002, 37, 672-679. | 3.5 | 5 |
| 26 | Ultrasound Biomicroscopy: A Powerful Tool Probing Murine Lymph Node Size in vivo. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 1209-1216. | 0.7 | 3 |
| 27 | Detection of early therapeutic response with dynamic contrast enhanced ultrasound using a perfusion clustering algorithm. , 2014, , . | | 3 |
| 28 | 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. | 1.3 | 3 |
| 29 | Spectral and temporal signal modifications occurring between stable and transient inertial cavitation. , 2008, , . | | 2 |
| 30 | Implementation of a controlled injection system for dynamic contrast-enhanced ultrasonography. , 2012, , . | | 2 |
| 31 | Automatic motion estimation using flow parameters for dynamic contrast-enhanced ultrasound. <i>Physics in Medicine and Biology</i> , 2015, 60, 2117-2133. | 1.6 | 2 |
| 32 | Impact of Recirculation in Dynamic Contrast-Enhanced Ultrasound: A Simulation Study. <i>Irbm</i> , 2017, 38, 179-189. | 3.7 | 2 |
| 33 | Monitoring Dual VEGF Inhibition in Human Pancreatic Tumor Xenografts With Dynamic Contrast-Enhanced Ultrasound. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303381988689. | 0.8 | 2 |
| 34 | A multiplicative model to improve microvascular flow evaluation in the context of dynamic contrast-enhanced ultrasound (DCE-US). , 2013, , . | | 1 |
| 35 | Complementarity of shear wave elastography and dynamic contrast-enhanced ultrasound to discriminate tumor modifications during antiangiogenic and cytotoxic therapy. , 2014, , . | | 1 |
| 36 | Comparison of global and local estimations of ultrasonic parameters at 20 MHz: in vivo normal skin. , 0, , . | | 0 |

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|----|---|-----|-----------|
| 37 | In vivo normal human dermis characterization by 20-MHz ultrasound backscatter. , 0, , . | | 0 |
| 38 | Ultrasound Imaging. , 0, , 79-101. | | 0 |
| 39 | Nonlinear, detection of biodegradable, experimental nanoparticles using a high frequency ultrasound prototype. , 2010, , . | | 0 |
| 40 | Comparison of the acoustic response of liquid-PFOB and solid-core nanoparticles between 20 and 40 MHz. , 2011, , . | | 0 |
| 41 | Differentiation of vascular distribution and flow patterns in tumors with Dynamic Contrast-Enhanced Ultrasound (DCE-US) perfusion maps. , 2013, , . | | 0 |
| 42 | Non-Invasive Ultrasonic Description of Tumor Evolution. Cancers, 2021, 13, 4560. | 1.7 | 0 |
| 43 | Imagerie fonctionnelle de contraste. , 2007, , 61-72. | | 0 |