Julian Haller

List of Publications by Year
in descending order

24	289	933447 10	888059 17
papers	citations	h-index	g-index

24	24	24	298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of Acoustic Cavitation Probabilities and Thresholds Using a Single Focusing Transducer to Induce and Detect Acoustic Cavitation Events: I. Method and Terminology. Ultrasound in Medicine and Biology, 2018, 44, 377-396.	1.5	9
2	Determination of Acoustic Cavitation Probabilities and Thresholds Using a Single Focusing Transducer to Induce and Detect Acoustic Cavitation Events: II. Systematic Investigation in an Agar Material. Ultrasound in Medicine and Biology, 2018, 44, 397-415.	1.5	9
3	Suitability of the echo-time-shift method as laboratory standard for thermal ultrasound dosimetry. AIP Conference Proceedings, 2017, , .	0.4	0
4	Uncertainty estimation for temperature measurement with diagnostic ultrasound. Journal of Therapeutic Ultrasound, 2016, 4, 28.	2.2	14
5	Equipment, measurement and doseâ€"a survey for therapeutic ultrasound. Journal of Therapeutic Ultrasound, 2016, 4, 7.	2.2	13
6	Monitoring transport conditions of key comparison travelling standards using a data logger. Experiences from key comparison CCAUV.U-K3.1. Metrologia, 2015, 52, 764-774.	1.2	1
7	Towards a dosimetric framework for therapeutic ultrasound. International Journal of Hyperthermia, 2015, 31, 182-192.	2.5	34
8	Derivation of continuous wave mode output power from burst mode measurements in high-intensity ultrasound applications. Journal of the Acoustical Society of America, 2014, 135, EL123-EL127.	1.1	4
9	Metrology of high-intensity therapeutic ultrasound within the EMRP project â€˜External Beam Cancer Therapyâ€™. Characterization of sources. Metrologia, 2012, 49, S267-S270.	1.2	7
10	On the reliability of voltage and power as input parameters for the characterization of high power ultrasound applications. , 2012, , .		2
11	A low-cost, easy-to-handle calibration phantom for MR thermometry in HIFU fields. , 2012, , .		2
12	A comparison of three different types of temperature measurement in HITU fields. Metrologia, 2012, 49, S279-S281.	1.2	4
13	A comparative evaluation of three hydrophones and a numerical model in high intensity focused ultrasound fields. Journal of the Acoustical Society of America, 2012, 131, 1121-1130.	1.1	42
14	Characterization and Quantification of HITU Fields with a Fiber-optic Displacement Sensor. , 2011, , .		1
15	Characterization of a fiber-optic displacement sensor for measurements in high-intensity focused ultrasound fields. Journal of the Acoustical Society of America, 2011, 129, 3676-3681.	1.1	37
16	Ultrasonic Spectrometry of Aqueous Solutions of Alkyl Maltosides: Kinetics of Micelle Formation and Headâ€Group Isomerization. ChemPhysChem, 2009, 10, 2703-2710.	2.1	10
17	Monomer Exchange and Rotational Isomerization of Alkyl Monoglycosides in Water. Journal of Physical Chemistry B, 2009, 113, 12283-12292.	2.6	8
18	Octylglucopyranoside and Cyclodextrin in Water. Self-Aggregation and Complex Formation. Journal of Physical Chemistry B, 2009, 113, 1940-1947.	2.6	13

#	Article	IF	Citations
19	Complexation versus micelle formation: Î±-Cyclodextrin+n-decyltrimethylammonium bromide aqueous solutions. Chemical Physics Letters, 2008, 463, 94-98.	2.6	9
20	Kinetics of conformer formation of glucose and maltose in aqueous solutions. Chemical Physics Letters, 2008, 463, 413-417.	2.6	7
21	On the complexation of Î±-cyclodextrin in iodide and iodide-iodine aqueous solutions. Journal of Molecular Liquids, 2008, 138, 34-39.	4.9	6
22	Critical fluctuations of the micellar triethylene glycol monoheptyl ether-water system. Journal of Chemical Physics, 2006, 124, 124910.	3.0	13
23	Ultrasonic attenuation spectrometry study of Î±-cyclodextrin+KI complexation in water. Chemical Physics Letters, 2006, 429, 97-102.	2.6	10
24	Critical behavior of 2,6-dimethylpyridine-water: Measurements of specific heat, dynamic light scattering, and shear viscosity. Journal of Chemical Physics, 2006, 124, 144517.	3.0	34