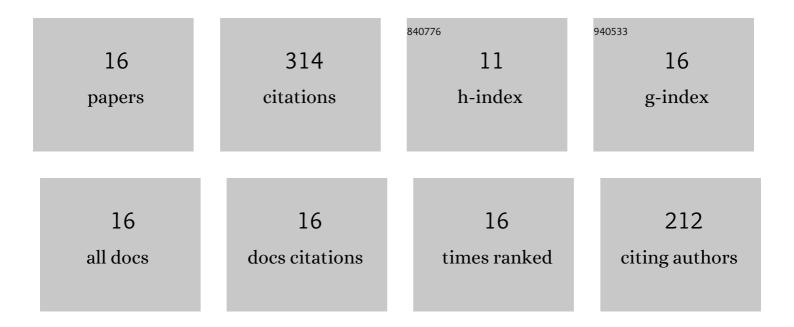
Jonathan R Sukovich

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Transcranial Magnetic Resonance-Guided Histotripsy for Brain Surgery: Pre-clinical Investigation. Ultrasound in Medicine and Biology, 2022, 48, 98-110.	1.5	13
2	Two-step aberration correction: application to transcranial histotripsy. Physics in Medicine and Biology, 2022, 67, 125009.	3.0	9
3	Acoustic Measurements of Nucleus Size Distribution at the Cavitation Threshold. Ultrasound in Medicine and Biology, 2021, 47, 1024-1031.	1.5	1
4	Transcranial MR-Guided Histotripsy System. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2917-2929.	3.0	19
5	Acoustic cavitation rheometry. Soft Matter, 2021, 17, 2931-2941.	2.7	17
6	Histotripsy Clot Liquefaction in a Porcine Intracerebral Hemorrhage Model. Neurosurgery, 2020, 86, 429-436.	1.1	24
7	Histotripsy: Potential Noninvasive Management of Intracerebral Hemorrhage. World Neurosurgery, 2020, 139, 614-615.	1.3	4
8	A cost-effective, multi-flash, "ghost―imaging technique for high temporal and spatial resolution imaging of cavitation using "still-frame―cameras. Journal of the Acoustical Society of America, 2020, 147, 1339-1343.	1.1	5
9	Single–bubble dynamics in histotripsy and high–amplitude ultrasound: Modeling and validation. Physics in Medicine and Biology, 2020, 65, 225014.	3.0	20
10	Real-Time Transcranial Histotripsy Treatment Localization and Mapping Using Acoustic Cavitation Emission Feedback. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1178-1191.	3.0	25
11	Comparative study of the dynamics of laser and acoustically generated bubbles in viscoelastic media. Physical Review E, 2019, 99, 043103.	2.1	29
12	In vivo histotripsy brain treatment. Journal of Neurosurgery, 2019, 131, 1331-1338.	1.6	43
13	Soft-Tissue Aberration Correction for Histotripsy. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 2073-2085.	3.0	19
14	Effect of Frequency and Focal Spacing on Transcranial Histotripsy Clot Liquefaction, Using Electronic Focal Steering. Ultrasound in Medicine and Biology, 2017, 43, 2302-2317.	1.5	27
15	Catheter Hydrophone Aberration Correction for Transcranial Histotripsy Treatment of Intracerebral Hemorrhage: Proof-of-Concept. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1684-1697.	3.0	15
16	Targeted Lesion Generation Through the Skull Without Aberration Correction Using Histotripsy. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 671-682.	3.0	44