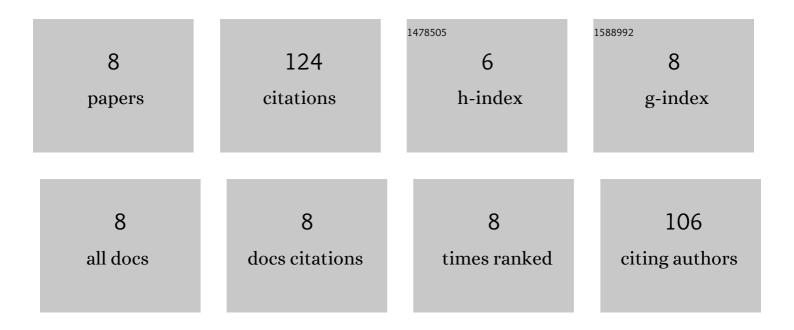
Bradley Boyd

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Numerical modeling of the acoustically driven growth and collapse of a cavitation bubble near a wall. Physics of Fluids, 2019, 31, .	4.0	35
2	Electroporation of tissue and cells: A three-equation model of drug delivery. Computers in Biology and Medicine, 2017, 84, 226-234.	7.0	21
3	Numerical modelling of an acoustically-driven bubble collapse near a solid boundary. Fluid Dynamics Research, 2018, 50, 065506.	1.3	19
4	Beamed UV sonoluminescence by aspherical air bubble collapse near liquid-metal microparticles. Scientific Reports, 2020, 10, 1501.	3.3	17
5	A diffuse-interface method for reducing spurious pressure oscillations in multicomponent transcritical flow simulations. Computers and Fluids, 2021, 222, 104924.	2.5	13
6	Numerical study of the transcritical shock-droplet interaction. Physical Review Fluids, 2021, 6, .	2.5	12
7	Modeling of In Vivo Tissue Electroporation and Cellular Uptake Enhancement. IFAC-PapersOnLine, 2015, 48, 255-260.	0.9	6
8	Direct numerical simulation of compressible interfacial multiphase flows using a mass–momentum–energy consistent volume-of-fluid method. Computers and Fluids, 2022, 236, 105267.	2.5	1