

Bradley Boyd

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

124
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

106
citing authors

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