

Theo Cavalieri

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

109

citations

7

h-index

9

g-index

9

ext. papers

139

ext. citations

2.6

avg, IF

2.74

L-index

#	Paper	IF	Citations
9	Three-dimensional multiresonant lossy sonic crystal for broadband acoustic attenuation: Application to train noise reduction. <i>Applied Acoustics</i> , 2019 , 146, 1-8	3.1	27
8	Optimally graded porous material for broadband perfect absorption of sound. <i>Journal of Applied Physics</i> , 2019 , 126, 175101	2.5	24
7	Acoustic modeling of micro-lattices obtained by additive manufacturing. <i>Applied Acoustics</i> , 2020 , 164, 107244	3.1	18
6	General method to retrieve all effective acoustic properties of fully-anisotropic fluid materials in three dimensional space. <i>Journal of Applied Physics</i> , 2019 , 125, 025114	2.5	10
5	Folded metaporous material for sub-wavelength and broadband perfect sound absorption. <i>Applied Physics Letters</i> , 2020 , 117, 251902	3.4	10
4	Acoustic wave propagation in effective graded fully anisotropic fluid layers. <i>Journal of the Acoustical Society of America</i> , 2019 , 146, 3400	2.2	9
3	Graded and Anisotropic Porous Materials for Broadband and Angular Maximal Acoustic Absorption. <i>Materials</i> , 2020 , 13,	3.5	7
2	Rapid additive manufacturing of optimized anisotropic metaporous surfaces for broadband absorption. <i>Journal of Applied Physics</i> , 2021 , 129, 115102	2.5	4
1	Non-locality of the Willis coupling in fluid laminates. <i>Wave Motion</i> , 2022 , 102892	1.8	