

Benjamin CottÃ©

List of Publications by Year in descending order

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16
papers

233
citations

1040056

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1125743

13
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18
all docs

18
docs citations

18
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-Domain Impedance Boundary Conditions for Simulations of Outdoor Sound Propagation. AIAA Journal, 2009, 47, 2391-2403.	2.6	38
2	In-vitro platform to study ultrasound as source for wireless energy transfer and communication for implanted medical devices. , 2010, 2010, 3751-4.		32
3	Wind Turbine Noise Modeling Based on Amiet's Theory: Effects of Wind Shear and Atmospheric Turbulence. Acta Acustica United With Acustica, 2016, 102, 626-639.	0.8	31
4	Extended source models for wind turbine noise propagation. Journal of the Acoustical Society of America, 2019, 145, 1363-1371.	1.1	21
5	Time-Domain Simulations of Outdoor Sound Propagation with Suitable Impedance Boundary Conditions. AIAA Journal, 2011, 49, 1420-1428.	2.6	20
6	Coupling of an aeroacoustic model and a parabolic equation code for long range wind turbine noise propagation. Journal of Sound and Vibration, 2018, 422, 343-357.	3.9	20
7	Theoretical study for safe and efficient energy transfer to deeply implanted devices using ultrasound. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 1674-1685.	3.0	18
8	Time-domain simulations of sound propagation in a stratified atmosphere over an impedance ground. Journal of the Acoustical Society of America, 2009, 125, EL202-EL207.	1.1	15
9	Dynamical properties of piano soundboards. Journal of the Acoustical Society of America, 2013, 133, 2456-2466.	1.1	11
10	Environmental parameters sensitivity analysis for the modeling of wind turbine noise in downwind conditions. Journal of the Acoustical Society of America, 2020, 148, 3623-3632.	1.1	9
11	Scintillation index of high frequency acoustic signals forward scattered by the ocean surface. Journal of the Acoustical Society of America, 2007, 121, 120-131.	1.1	8
12	Experimental study of the dynamic stall noise on an oscillating airfoil. Journal of Sound and Vibration, 2022, 537, 117144.	3.9	3
13	Suitable acoustic paths to transfer energy in depth using ultrasound. , 2010, 2010, 6694-7.		2
14	Time-domain damping models in structural acoustics using digital filtering. Mechanical Systems and Signal Processing, 2016, 68-69, 587-607.	8.0	2
15	Low-Noise Synthetic Turbulence Tailored to Lateral Periodic Boundary Conditions. Fluids, 2021, 6, 193.	1.7	2
16	Time-Domain Simulations of Outdoor Sound Propagation with Suitable Impedance Boundary Conditions. , 2009, , .		1