Guillaume Dutilleux

List of Publications by Year
in descending order

12	129	1478505 6	1281871 11
papers	citations	h-index	g-index

12	12	12	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NMPB-Routes-2008: The Revision of the French Method for Road Traffic Noise Prediction. Acta Acustica United With Acustica, 2010, 96, 452-462.	0.8	55
2	Time-domain impedance formulation for transmission line matrix modelling of outdoor sound propagation. Journal of Sound and Vibration, 2011, 330, 6467-6481.	3.9	19
3	Application of the transmission line matrix method for outdoor sound propagation modelling â€“ Part 1: Model presentation and evaluation. Applied Acoustics, 2014, 76, 113-118.	3.3	12
4	Low-frequency assessment of thein situ acoustic absorption of materials in rooms: an inverse problem approach using evolutionary optimization. International Journal for Numerical Methods in Engineering, 2002, 53, 2143-2161.	2.8	9
5	Automated acoustic monitoring of endangered common spadefoot toad populations reveals patterns of vocal activity. Freshwater Biology, 2020, 65, 20-36.	2.4	9
6	A Transmission Line Matrix model for sound propagation in arrays of cylinders normal to an impedance plane. Journal of Sound and Vibration, 2017, 389, 454-467.	3.9	7
7	An in situ transfer function technique for the assessment of the acoustic absorption of materials in buildings. Applied Acoustics, 2001, 62, 555-572.	3.3	6
8	Challenges of the Use of Sound Emergence for Setting Legal Noise Limits. International Journal of Environmental Research and Public Health, 2019, 16, 4517.	2.6	5
9	Comparing sound emergence and sound pressure level as predictors of short-term annoyance from wind turbine noise. Acta Acustica, 2020, 4, 10.	1.0	3
10	A parametric study of long-range atmospheric sound propagation using underwater acoustics software. Proceedings of Meetings on Acoustics, 2020, , .	0.3	2
11	Source Height Determination for Several Sources at the Same Height. Acta Acustica United With Acustica, 2010, 96, 863-872.	0.8	1
12	An absorbing matched layer implementation for the transmission line matrix method. Journal of Sound and Vibration, 2015, 337, 233-243.	3.9	1