

Kristy L Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

871
citations

623188

14
h-index

500791

28
g-index

56
all docs

56
docs citations

56
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Variations of Leading-Edge Tubercles for Distinct Airfoil Profiles. <i>AIAA Journal</i> , 2011, 49, 185-194.	1.5	295
2	Evolution of the streamwise vortices generated between leading edge tubercles. <i>Journal of Fluid Mechanics</i> , 2016, 788, 730-766.	1.4	99
3	Comorbid insomnia and sleep apnoea is associated with all-cause mortality. <i>European Respiratory Journal</i> , 2022, 60, 2101958.	3.1	50
4	Characterisation of wind farm infrasound and low-frequency noise. <i>Journal of Sound and Vibration</i> , 2016, 370, 176-190.	2.1	39
5	Recent Advances in Wind Turbine Noise Research. <i>Acoustics</i> , 2020, 2, 171-206.	0.8	35
6	A Review of the Potential Impacts of Wind Farm Noise on Sleep. <i>Acoustics Australia</i> , 2018, 46, 87-97.	1.4	28
7	Outdoor to indoor reduction of wind farm noise for rural residences. <i>Building and Environment</i> , 2015, 94, 764-772.	3.0	25
8	Prevalence of wind farm amplitude modulation at long-range residential locations. <i>Journal of Sound and Vibration</i> , 2019, 455, 136-149.	2.1	20
9	A systematic review and meta-analysis of wind turbine noise effects on sleep using validated objective and subjective sleep assessments. <i>Journal of Sleep Research</i> , 2021, 30, e13228.	1.7	20
10	New and Emerging Approaches to Better Define Sleep Disruption and Its Consequences. <i>Frontiers in Neuroscience</i> , 2021, 15, 751730.	1.4	18
11	Identification of low frequency wind turbine noise using secondary windscreens of various geometries. <i>Noise Control Engineering Journal</i> , 2014, 62, 69-82.	0.2	17
12	Subjective responses to wind farm noise: A review of laboratory listening test methods. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 114, 109317.	8.2	16
13	A Novel Electroencephalogram-derived Measure of Disrupted Delta Wave Activity during Sleep Predicts All-Cause Mortality Risk. <i>Annals of the American Thoracic Society</i> , 2022, 19, 649-658.	1.5	16
14	Experimental and numerical investigation of blade-tower interaction noise. <i>Journal of Sound and Vibration</i> , 2019, 443, 362-375.	2.1	15
15	Beyond K-complex binary scoring during sleep: probabilistic classification using deep learning. <i>Sleep</i> , 2020, 43, .	0.6	15
16	Amplitude modulated wind farm noise relationship with annoyance: A year-long field study. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 1198-1208.	0.5	15
17	The association of comorbid insomnia and sleep apnea with prevalent cardiovascular disease and incident cardiovascular events. <i>Journal of Sleep Research</i> , 2022, 31, e13563.	1.7	15
18	A novel EEG marker predicts perceived sleepiness and poor sleep quality. <i>Sleep</i> , 2022, 45, .	0.6	14

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19	K-complexes are a sensitive marker of noise-related sensory processing during sleep: a pilot study. <i>Sleep</i> , 2021, 44, .	0.6	13
20	Long-term quantification and characterisation of wind farm noise amplitude modulation. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 182, 109678.	2.5	13
21	The effect of age, gender and noise sensitivity on the liking of food in the presence of background noise. <i>Food Quality and Preference</i> , 2020, 84, 103950.	2.3	11
22	The effect of type and level of background noise on food liking: A laboratory non-focused listening test. <i>Applied Acoustics</i> , 2021, 172, 107600.	1.7	11
23	Human perception of wind farm vibration. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2020, 39, 17-27.	1.3	10
24	Penalties applied to wind farm noise: Current allowable limits, influencing factors, and their development. <i>Journal of Cleaner Production</i> , 2021, 295, 126393.	4.6	9
25	Infrasound and Low-Frequency Noise from Wind Turbines. <i>Lecture Notes in Mechanical Engineering</i> , 2016, , 3-16.	0.3	7
26	EEG power spectral responses to wind farm compared with road traffic noise during sleep: A laboratory study. <i>Journal of Sleep Research</i> , 2022, 31, e13517.	1.7	4
27	Environmental noise-induced cardiovascular responses during sleep. <i>Sleep</i> , 2022, 45, .	0.6	4
28	The effect of wind turbine noise on polysomnographically measured and self-reported sleep latency in wind turbine noise naïve participants. <i>Sleep</i> , 2022, 45, .	0.6	4
29	Investigation of a microphone height correction for long-range wind farm noise measurements. <i>Applied Acoustics</i> , 2019, 155, 97-110.	1.7	3
30	An experimental investigation on the impact of wind turbine noise on polysomnography-measured and sleep diary-determined sleep outcomes. <i>Sleep</i> , 2022, 45, .	0.6	3
31	Wind Farm Noise Uncertainty: Prediction, Measurement and Compliance Assessment. <i>Acoustics Australia</i> , 2018, 46, 59-67.	1.4	2
32	Benchmark characterisation and automated detection of wind farm noise amplitude modulation. <i>Applied Acoustics</i> , 2021, 183, 108286.	1.7	2
33	Evaluation of wind farm noise amplitude modulation synthesis quality. <i>Applied Acoustics</i> , 2020, 166, 107349.	1.7	1
34	Beyond traditional wind farm noise characterisation using transfer learning. <i>JASA Express Letters</i> , 2022, 2, 052801.	0.5	1
35	Surface Mounted Fiber Optic Sensors for Accurate Monitoring of Pressure Profiles Across an Airfoil. , 2018, , .		0
36	Monitoring pressure profiles across an airfoil section with a fibre Bragg grating sensor array. , 2018, , .		0