

Haibo Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

336
citations

759233

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839539

18
g-index

19
all docs

19
docs citations

19
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimization model for planning road networks that considers traffic noise impact. Applied Acoustics, 2022, 192, 108693.	3.3	8
2	Evaluation of road traffic noise exposure considering differential crowd characteristics. Transportation Research, Part D: Transport and Environment, 2022, 105, 103250.	6.8	35
3	Evaluation of external costs in road transport under the openness of a gated community. Frontiers of Earth Science, 2020, 14, 140-151.	2.1	4
4	Forecast and control of traffic noise based on improved UE model during road network design. Applied Acoustics, 2020, 170, 107529.	3.3	17
5	Evaluation of road traffic noise exposure based on high-resolution population distribution and grid-level noise data. Building and Environment, 2019, 147, 211-220.	6.9	56
6	Simulation and Analysis of Road Traffic Noise among Urban Buildings Using Spatial Subdivision-Based Beam Tracing Method. International Journal of Environmental Research and Public Health, 2019, 16, 2491.	2.6	13
7	Simulation of traffic noise both indoors and outdoors based on an integrated geometric acoustics method. Building and Environment, 2019, 160, 106201.	6.9	24
8	Case study: Establishment of a vehicle noise emission model for gradient roads. Noise Control Engineering Journal, 2019, 67, 108-116.	0.3	3
9	Evaluation of an urban traffic Noise“Exposed population based on points of interest and noise maps: The case of Guangzhou. Environmental Pollution, 2018, 239, 741-750.	7.5	41
10	Urban Traffic Noise Maps under 3D Complex Building Environments on a Supercomputer. Journal of Advanced Transportation, 2018, 2018, 1-10.	1.7	13
11	Field Tests and Simulation of Ground and Building Vibrations Caused by Metros on an Elevated Bridge. IEEE Access, 2018, 6, 38627-38636.	4.2	1
12	Sound field study of a building near a roadway via the boundary element method. Journal of Low Frequency Noise Vibration and Active Control, 2018, 37, 519-533.	2.9	3
13	Calculation of Noise Barrier Insertion Loss Based on Varied Vehicle Frequencies. Applied Sciences (Switzerland), 2018, 8, 100.	2.5	15
14	Areawide dynamic traffic noise simulation in urban built-up area using beam tracing approach. Sustainable Cities and Society, 2017, 30, 205-216.	10.4	12
15	A traffic-noise-map update method based on monitoring data. Journal of the Acoustical Society of America, 2017, 141, 2604-2610.	1.1	13
16	Dynamic modeling of traffic noise in both indoor and outdoor environments by using a ray tracing method. Building and Environment, 2017, 121, 225-237.	6.9	24
17	A modified 3D algorithm for road traffic noise attenuation calculations in large urban areas. Journal of Environmental Management, 2017, 196, 614-626.	7.8	20
18	Study of the traffic noise source intensity emission model and the frequency characteristics for a wet asphalt road. Applied Acoustics, 2017, 123, 55-63.	3.3	22

#	ARTICLE	IF	CITATIONS
19	Accuracy and efficiency analysis of a road traffic noise propagation calculation method based on beam tracing. Journal of Low Frequency Noise Vibration and Active Control, 2016, 35, 152-164.	2.9	12