

Tsutomu Kaizuka

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

307
citations

1307594

7
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness Testing of a Piezoelectric Energy Harvester for an Automobile Wheel Using Stochastic Resonance. <i>Sensors</i> , 2016, 16, 1727.	3.8	62
2	The Effect of a Haptic Guidance Steering System on Fatigue-Related Driver Behavior. <i>IEEE Transactions on Human-Machine Systems</i> , 2017, 47, 741-748.	3.5	55
3	Relationship Between Gaze Behavior and Steering Performance for Driver's Automation Shared Control: A Driving Simulator Study. <i>IEEE Transactions on Intelligent Vehicles</i> , 2019, 4, 154-166.	12.7	37
4	Evaluation of the effects of in-vehicle traffic lights on driving performances for unsignalised intersections. <i>IET Intelligent Transport Systems</i> , 2017, 11, 76-83.	3.0	28
5	Time to lane change and completion prediction based on Gated Recurrent Unit Network. , 2019, , .		28
6	Intention-Based Lane Changing and Lane Keeping Haptic Guidance Steering System. <i>IEEE Transactions on Intelligent Vehicles</i> , 2021, 6, 622-633.	12.7	22
7	Radiation clusters and the active control of sound transmission into a symmetric enclosure. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 922-937.	1.1	17
8	Radiation clusters and the active control of sound transmission through symmetric structures into free space. <i>Journal of Sound and Vibration</i> , 2008, 311, 160-183.	3.9	10
9	Radiation modes and acoustic field confined near acoustic sources. <i>Journal of the Acoustical Society of America</i> , 2019, 146, EL299-EL305.	1.1	7
10	Design and Evaluation of a Surface Electromyography-Controlled Steering Assistance Interface. <i>Sensors</i> , 2019, 19, 1308.	3.8	7
11	Active control of sound transmission using structural modal filters. <i>Journal of Sound and Vibration</i> , 2016, 381, 14-29.	3.9	4
12	Effect of Haptic Guidance Steering on Lane Following Performance by Taking Account of Driver Reliance on the Assistance System. , 2018, , .		4
13	Analysis of Driver Behaviors while Using In-Vehicle Traffic Light with Partial Deployment of V2I Communication. , 2018, , .		4
14	Active control of sound transmission into an enclosure using structural modal filters. <i>Journal of Sound and Vibration</i> , 2018, 431, 328-345.	3.9	4
15	Evaluations of Different Human Machine Interfaces for Presenting Right-Turn Timing at Intersections. <i>International Journal of Intelligent Transportation Systems Research</i> , 2021, 19, 71-82.	1.1	3
16	Evaluation of Driver Assistance System Presenting Information of Other Vehicles through Peripheral Vision at Unsignalized Intersections. <i>International Journal of Intelligent Transportation Systems Research</i> , 2021, 19, 230-239.	1.1	3
17	Controlling a distance from linear loudspeaker arrays to a listening point by using tangent line method. <i>JASA Express Letters</i> , 2021, 1, .	1.1	3
18	Analysis of driver visual attention when driving with different levels of haptic steering guidance. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Surface Electromyography-Controlled Pedestrian Collision Avoidance: A Driving Simulator Study. IEEE Sensors Journal, 2021, 21, 13877-13885.	4.7	2
20	Generalized radiation modes and microphone arrays for close-talking. Journal of the Acoustical Society of America, 2021, 150, 1453-1466.	1.1	2
21	Effects of Urgency of Audiovisual Collision Warnings on Response Time and Accuracy of Steering. International Journal of Intelligent Transportation Systems Research, 2020, 18, 90-97.	1.1	1
22	Effects of Exterior Lighting System of Parked Vehicles on the Behaviors of Cyclists. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12451-12463.	8.0	1
23	Active structural modal control for sound reduction in an enclosure: Experimental verification. Applied Acoustics, 2021, 178, 107965.	3.3	1