

Thomas H Weisswange

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

220
citations

1937685

4
h-index

1720034

7
g-index

26
all docs

26
docs citations

26
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent Traffic Flow Assist: Optimized Highway Driving Using Conditional Behavior Prediction. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 20-38.	3.8	4
2	Designing for Prediction-Level Collaboration Between a Human Driver and an Automated Driving System. , 2021, , .		2
3	Human-Vehicle Cooperation on Prediction-Level: Enhancing Automated Driving with Human Foresight. , 2021, , .		8
4	User Evaluation of Passenger Assistance System Concepts on Public Highways. Frontiers in Psychology, 2021, 12, 725808.	2.1	1
5	Theory of Mind based Communication for Human Agent Cooperation. , 2020, , .		3
6	The Discomfort of Riding Shotgun â€“ Why Many People Donâ€™t Like to Be Co-driver. Frontiers in Psychology, 2020, 11, 584309.	2.1	4
7	Distributive justice as an ethical principle for autonomous vehicle behavior beyond hazard scenarios. Ethics and Information Technology, 2019, 21, 227-239.	3.8	17
8	Online inference of human belief for cooperative robots. , 2018, , .		5
9	A Priori Reliability Prediction with Meta-Learning Based on Context Information. Lecture Notes in Computer Science, 2017, , 200-207.	1.3	1
10	Enriching a spatial road representation with lanes and driving directions. , 2016, , .		1
11	Inferring a spatial road representation from the behavior of real world traffic participants. , 2016, , .		1
12	Building a probabilistic grid-based road representation from direct and indirect visual cues. , 2015, , .		8
13	Car Gestures â€“ Advisory warning using additional steering wheel angles. Accident Analysis and Prevention, 2015, 83, 143-153.	5.7	20
14	Pedestrian crossing prediction using multiple context-based models. , 2014, , .		46
15	General Behavior Prediction by a Combination of Scenario-Specific Models. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1478-1488.	8.0	33
16	Accurate behavior prediction on highways based on a systematic combination of classifiers. , 2013, , .		11
17	An integrated ADAS for assessing risky situations in urban driving. , 2013, , .		5
18	Reward-based learning of optimal cue integration in audio and visual depth estimation. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
19	Bayesian Cue Integration as a Developmental Outcome of Reward Mediated Learning. PLoS ONE, 2011, 6, e21575.	2.5	23
20	Computational Modeling of Multisensory Object Perception. , 2010, , 21-53.		0
21	A walk through the woods explains the space variant oblique effect. Journal of Vision, 2010, 9, 1049-1049.	0.3	0
22	Coordination in Sensory Integration. , 2010, , 228-233.		0
23	Can reinforcement learning explain the development of causal inference in multisensory integration?. , 2009, , .		4
24	Learning independent causes in natural images explains the spacevariant oblique effect. , 2009, , .		17