

Wu Yuan-Kai

List of Publications by Year in descending order

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17
papers

1,309
citations

840776

11
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888059

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17
all docs

17
docs citations

17
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding and Modeling Urban Mobility Dynamics via Disentangled Representation Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2010-2020.	8.0	7
2	Detection of Train Driver Fatigue and Distraction Based on Forehead EEG: A Time-Series Ensemble Learning Method. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13559-13569.	8.0	36
3	Bayesian Kernelized Matrix Factorization for Spatiotemporal Traffic Data Imputation and Kriging. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18962-18974.	8.0	6
4	An effective spatiotemporal deep learning framework model for short-term passenger flow prediction. Soft Computing, 2022, 26, 5523-5538.	3.6	7
5	Hybrid Electric Vehicle Energy Management With Computer Vision and Deep Reinforcement Learning. IEEE Transactions on Industrial Informatics, 2021, 17, 3857-3868.	11.3	60
6	Rail transit OD matrix completion via manifold regularized tensor factorisation. IET Intelligent Transport Systems, 2021, 15, 1304-1317.	3.0	1
7	Deep Learning-Based Super-Resolution Climate Simulator Emulator Framework for Urban Heat Studies. Geophysical Research Letters, 2021, 48, e2021GL094737.	4.0	13
8	A Deep Learning Framework of Autonomous Pilot Agent for Air Traffic Controller Training. IEEE Transactions on Human-Machine Systems, 2021, 51, 442-450.	3.5	15
9	Cross-Type Transfer for Deep Reinforcement Learning Based Hybrid Electric Vehicle Energy Management. IEEE Transactions on Vehicular Technology, 2020, 69, 8367-8380.	6.3	85
10	Rule-interposing deep reinforcement learning based energy management strategy for power-split hybrid electric vehicle. Energy, 2020, 197, 117297.	8.8	164
11	Traffic Flow Prediction With Missing Data Imputed by Tensor Completion Methods. IEEE Access, 2020, 8, 63188-63201.	4.2	22
12	A Fused CP Factorization Method for Incomplete Tensors. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 751-764.	11.3	39
13	Memory, attention and prediction: a deep learning architecture for car-following. Transportmetrica B, 2019, 7, 1553-1571.	2.3	12
14	Energy management of hybrid electric bus based on deep reinforcement learning in continuous state and action space. Energy Conversion and Management, 2019, 195, 548-560.	9.2	117
15	Deep reinforcement learning of energy management with continuous control strategy and traffic information for a series-parallel plug-in hybrid electric bus. Applied Energy, 2019, 247, 454-466.	10.1	217
16	A hybrid deep learning based traffic flow prediction method and its understanding. Transportation Research Part C: Emerging Technologies, 2018, 90, 166-180.	7.6	499
17	Freeway Short-Term Travel Time Prediction Based on Dynamic Tensor Completion. Transportation Research Record, 2015, 2489, 97-104.	1.9	9