A novel work zone short-term vehicle-type specific traf the hybrid EMD–ARIMA framework

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Citation Report

#	Article	IF	CITATIONS
1	Forecasting the Short-Term Traffic Flow in the Intelligent Transportation System Based on an Inertia Nonhomogenous Discrete Gray Model. Complexity, 2017, 2017, 1-16.	0.9	7
2	Smart transportation and analytics. Transportmetrica B, 2018, 6, 1-3.	1.4	5
3	A stochastic analysis of highway capacity: Empirical evidence and implications. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2018, 22, 338-352.	2.6	6
4	Empirical Mode Decomposition Based Deep Learning for Electricity Demand Forecasting. IEEE Access, 2018, 6, 49144-49156.	2.6	147
5	Waveletâ€based shortâ€term forecasting with improved threshold recognition for urban expressway traffic conditions. IET Intelligent Transport Systems, 2018, 12, 463-473.	1.7	8
6	Advanced Parametric Methods for Short-Term Traffic Forecasting in the Era of Big Data. Intelligent Systems Reference Library, 2019, , 199-231.	1.0	1
7	Vehicle Speed Estimation Based on 3D ConvNets and Non-Local Blocks. Future Internet, 2019, 11, 123.	2.4	18
8	Understanding and Predicting Travel Time with Spatio-Temporal Features of Network Traffic Flow, Weather and Incidents. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 12-28.	2.6	37
9	Nonstationary time series transformation methods: An experimental review. Knowledge-Based Systems, 2019, 164, 274-291.	4.0	55
10	Application of ARIMA and SVM mixed model in agricultural management under the background of intellectual agriculture. Cluster Computing, 2019, 22, 14349-14358.	3.5	9
11	Real-Time Traffic Flow Forecasting via a Novel Method Combining Periodic-Trend Decomposition. Sustainability, 2020, 12, 5891.	1.6	7
12	Truck Traffic Flow Prediction Based on LSTM and GRU Methods With Sampled GPS Data. IEEE Access, 2020, 8, 208158-208169.	2.6	45
13	Traffic Status Evolution Trend Prediction Based on Congestion Propagation Effects under Rainy Weather. Journal of Advanced Transportation, 2020, 2020, 1-14.	0.9	2
14	Network-wide traffic flow estimation with insufficient volume detection and crowdsourcing data. Transportation Research Part C: Emerging Technologies, 2020, 121, 102870.	3.9	38
15	Monthly Load Forecasting Based on an ARIMA-BP Model: A Case Study on Shaoxing City. , 2020, , .		1
16	Traffic Flow Forecast Through Time Series Analysis Based on Deep Learning. IEEE Access, 2020, 8, 82562-82570.	2.6	44
17	A Multiscale and High-Precision LSTM-GASVR Short-Term Traffic Flow Prediction Model. Complexity, 2020, 2020, 1-17.	0.9	12
18	An improved long shortâ€term memory networks with Takagiâ€Sugeno fuzzy for traffic speed prediction considering abnormal traffic situation. Computational Intelligence, 2020, 36, 964-993.	2.1	11

#	Article	IF	Citations
19	Optimized Graph Convolution Recurrent Neural Network for Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1138-1149.	4.7	174
20	Wide-Attention and Deep-Composite Model for Traffic Flow Prediction in Transportation Cyber–Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 3431-3440.	7.2	19
21	Graph attention temporal convolutional network for traffic speed forecasting on road networks. Transportmetrica B, 2021, 9, 153-171.	1.4	23
22	Incorporating congestion patterns into spatio-temporal deep learning algorithms. Transportmetrica B, 2021, 9, 622-640.	1.4	4
23	S-GCN-GRU-NN: A novel hybrid model by combining a Spatiotemporal Graph Convolutional Network and a Gated Recurrent Units Neural Network for short-term traffic speed forecasting. Journal of Data Information and Management, 2021, 3, 1-20.	1.6	16
24	A Multifeatures Spatial-Temporal-Based Neural Network Model for Truck Flow Prediction. Journal of Advanced Transportation, 2021, 2021, 1-14.	0.9	3
25	Spatiotemporal gated graph attention network for urban traffic flow prediction based on license plate recognition data. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 3-23.	6.3	28
26	Forecast of China's Carbon Emissions Based on ARIMA Method. Discrete Dynamics in Nature and Society, 2021, 2021, 1-12.	0.5	18
27	Traffic Hyperparameters for Long-Term Traffic Forecasting. , 2021, , .		1
28	Traffic Volume Prediction: A Fusion Deep Learning Model Considering Spatial–Temporal Correlation. Sustainability, 2021, 13, 10595.	1.6	7
29	PT-LSTM: Extending LSTM for Efficient Processing Time Attributes in Time Series Prediction. Lecture Notes in Computer Science, 2021, , 450-464.	1.0	0
30	Effect of Multi-Scale Decomposition on Performance of Neural Networks in Short-Term Traffic Flow Prediction. IEEE Access, 2021, 9, 50994-51004.	2.6	21
31	A Review of Traffic Congestion Prediction Using Artificial Intelligence. Journal of Advanced Transportation, 2021, 2021, 1-18.	0.9	89
32	Highâ€performance traffic speed forecasting based on spatiotemporal clustering of road segments. IET Intelligent Transport Systems, 2021, 15, 225-234.	1.7	7
33	The Optimization of Intersection Signal in the Situation of Data Loss. Lecture Notes in Electrical Engineering, 2018, , 1055-1063.	0.3	0
34	EMPIRICAL MODE DECOMPOSITION BASED ON THETA METHOD FOR FORECASTING DAILY STOCK PRICE. Journal of Information and Communication Technology, 0, 19, .	0.3	2
35	Short-Term Traffic Flow Prediction Algorithm for Expressway Based on Long Short-Term Memory and Support Vector Regression. , 0, , .		1
36	Peak Traffic Flow Predictions: Exploiting Toll Data from Large Expressway Networks. Sustainability, 2021, 13, 260.	1.6	8

#	ARTICLE	IF	Citations
37	Traffic flow prediction based on BILSTM model and data denoising scheme. Chinese Physics B, 2022, 31, 040502.	0.7	8
38	Enhancing Work Zone Capacity by a Cooperative Late Merge System Using Decentralized and Centralized Control Strategies. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	3
39	A New Hybrid Ensemble Deep Learning Model for Train Axle Temperature Short Term Forecasting. Machines, 2021, 9, 312.	1.2	14
40	DLW-Net model for traffic flow prediction under adverse weather. Transportmetrica B, 2022, 10, 499-524.	1.4	7
41	A Novel STFSA-CNN-GRU Hybrid Model for Short-Term Traffic Speed Prediction. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 3728-3737.	4.7	30
42	Applying Clustered KNN Algorithm for Short-Term Travel Speed Prediction and Reduced Speed Detection on Urban Arterial Road Work Zones. Journal of Advanced Transportation, 2022, 2022, 1-11.	0.9	0
43	Deep Learning Model for Traffic Speed Prediction Considering Spatial-Temporal Correlation. The Journal of Korean Institute of Information Technology, 2022, 20, 19-26.	0.1	1
44	Stock Price Prediction Using Empirical Mode Decomposition Based Theta Method and Forecast Combination., 2021,,.		0
45	Short-Term Traffic Flow Prediction of Expressway Considering Spatial Influences. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	7
46	Aircraft Failure Rate Prediction Method Based on CEEMD and Combined Model. Scientific Programming, 2022, 2022, 1-19.	0.5	2
47	A Hybrid Framework Model Based on Wavelet Neural Network with Improved Fruit Fly Optimization Algorithm for Traffic Flow Prediction. Symmetry, 2022, 14, 1333.	1.1	9
48	Short-Term Forecast of OD Passenger Flow Based on Ensemble Empirical Mode Decomposition. Sustainability, 2022, 14, 8562.	1.6	8
49	Survey of Decomposition-Reconstruction-Based Hybrid Approaches for Short-Term Traffic State Forecasting. Sensors, 2022, 22, 5263.	2.1	3
50	Shortâ€term traffic flow prediction approach incorporating vehicle functions from RFIDâ€ELP data for urban road sections. IET Intelligent Transport Systems, 0, , .	1.7	0
51	Hybrid Model for Method for Short-Term Traffic Flow Prediction Based on Secondary Decomposition Technique and ELM. Mathematical Problems in Engineering, 2022, 2022, 1-12.	0.6	0
52	Expressway rear-end crash risk evolution mechanism analysis under different traffic states. Transportmetrica B, 2023, 11, 510-527.	1.4	1
53	Dual Dynamic Spatial-Temporal Graph Convolution Network for Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 23680-23693.	4.7	21
54	A spatiotemporal grammar network model with wide attention for short-term traffic flow prediction. Transportmetrica B, 2023, 11, 801-825.	1.4	1

#	ARTICLE	IF	CITATIONS
55	A Large-Scale and Data-Based Road Traffic Flow Estimation Method Leveraging Topography Information and Population Statistics. , 2022, , .		2
56	Traffic Flow Prediction Using Deep Learning Models. , 2022, , .		0
57	Characterizing Peak-Time Traffic Jam Incidents in Kampala Using Exploratory Data Analysis. Journal of Transportation Technologies, 2023, 13, 61-86.	0.2	1
58	Ampirik Mod Ayrıştırmasına Dayalı ARIMA Modeli Kullanılarak Van İli Hava Kirliliğinin Tahmini. Yü üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	züncÃ⅓ 0.0	4 Xıl
59	A Slow Shifting Concerned Machine Learning Method for Short-term Traffic Flow Forecasting. , 2023, , .		0
61	WHEN: A Wavelet-DTW Hybrid Attention Network for Heterogeneous Time Series Analysis. , 2023, , .		O