

# Wei Dong

## List of Publications by Year in descending order

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26  
papers

135  
citations

1684188

5  
h-index

1588992

8  
g-index

26  
all docs

26  
docs citations

26  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal-Energy Driving Strategy for High-Speed Electric Train With Hybrid System Model. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1642-1653.	8.0	34
2	Design of Charging Coil for Unmanned Aerial Vehicle-Enabled Wireless Power Transfer. , 2018, , .		18
3	A minimal-energy driving strategy for high-speed electric train. Journal of Control Theory and Applications, 2012, 10, 280-286.	0.8	10
4	Fault Diagnosis of High-Speed Railway Turnout Based on Convolutional Neural Network. , 2018, , .		10
5	State estimation for networked systems with a Markov plant in the presence of missing and quantised measurements. IET Control Theory and Applications, 2016, 10, 599-606.	2.1	9
6	A New Credit Based Micropayment Scheme. , 2008, , .		8
7	Integrated trade-off design of fault detection system for linear discrete time-varying systems. IET Control Theory and Applications, 2013, 7, 455-463.	2.1	7
8	A hybrid feature extraction method for fault detection of turnouts. , 2017, , .		6
9	Fault Diagnosis for Compensating Capacitors of Jointless Track Circuit Based on Dynamic Time Warping. Mathematical Problems in Engineering, 2014, 2014, 1-13.	1.1	5
10	Mode-independent $H^\infty$ filtering for discrete-time Markov jump linear system with parametric uncertainties and quantized measurements. International Journal of Adaptive Control and Signal Processing, 2016, 30, 957-971.	4.1	5
11	Integrated fault detection system design for linear discrete time-varying systems with bounded power disturbances. International Journal of Robust and Nonlinear Control, 2013, 23, 1781-1802.	3.7	4
12	A Dynamic Risk Analysis Method for High-speed Railway Catenary Based on Bayesian Network. , 2019, , .		4
13	A HLA-based hierarchical architecture for the CTCS hardware-in-the-loop simulation system. , 2009, , .		3
14	A Novel Fault Diagnosis Framework of Computing with Words Based on Lattice-Valued Fuzzy Automata. , 2013, , .		3
15	A Novel Fault Diagnosis Method for High-Speed Railway Turnout Based On DCAE-Logistic Regression. , 2020, , .		3
16	Fault diagnosis for rail turnout system based on improved introspective CBR method. , 2018, , .		2
17	Research on driver modeling in CTCS-3 simulation system. , 2009, , .		1
18	Robust $H^\infty$ filtering for Discrete-Time Markov Jump Linear System with Missing Measurements. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	1

#	ARTICLE	IF	CITATIONS
19	A Method of Dynamic Risk Analysis and Assessment for Metro Power Supply System Based on Fuzzy Reasoning. , 2019, , .		1
20	Research on Regional Rail Transit Travel Planning System Based on Passenger Flow Prediction* . , 2020, , .		1
21	A new method for automatic construction of fault propagation digraph based on OO models. , 2010, , .		0
22	A Dynamic Risk Analysis and Assessment Method for Traction System of Metro Train Based on Characteristic Quantity. , 2019, , .		0
23	A Dynamic Risk Analysis Method for Compound Faults of Traction System of High Speed Train Based on Characteristic Variables. , 2019, , .		0
24	Metro Traffic Prediction and Service-Oriented Scheduling Optimization Under Influence of Train Arrivals. IEEE Access, 2019, 7, 166729-166739.	4.2	0
25	A Dynamic Risk Analysis Method for Escalator of Rail Transit Hub Based on Characteristic Quantity. , 2019, , .		0
26	An Online Detection Algorithm of Train Coupler Impact Based on Stacked Auto-Encoders. , 2021, , .		0