

Bingfeng Ge

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

552
citations

687220

13
h-index

677027

22
g-index

51
all docs

51
docs citations

51
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Development trend forecasting for coherent light generator technology based on patent citation network analysis. <i>Scientometrics</i> , 2017, 111, 297-315.	1.6	60
2	A Novel Executable Modeling Approach for System-of-Systems Architecture. <i>IEEE Systems Journal</i> , 2014, 8, 4-13.	2.9	56
3	An Interactive Portfolio Decision Analysis Approach for System-of-Systems Architecting Using the Graph Model for Conflict Resolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2014, 44, 1328-1346.	5.9	44
4	Meta-path based heterogeneous combat network link prediction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 507-523.	1.2	38
5	Structural robustness of combat networks of weapon system-of-systems based on the operation loop. <i>International Journal of Systems Science</i> , 2017, 48, 659-674.	3.7	33
6	A data-centric capability-focused approach for system-of-systems architecture modeling and analysis. <i>Systems Engineering</i> , 2013, 16, 363-377.	1.6	32
7	Consensus building in group decision making based on multiplicative consistency with incomplete reciprocal preference relations. <i>Knowledge-Based Systems</i> , 2016, 106, 96-104.	4.0	31
8	Disintegration of Operational Capability of Heterogeneous Combat Networks Under Incomplete Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 5172-5179.	5.9	26
9	Early Prediction of Scientific Impact Based on Multi-Bibliographic Features and Convolutional Neural Network. <i>IEEE Access</i> , 2019, 7, 92248-92258.	2.6	22
10	A deep learning methodology for automatic extraction and discovery of technical intelligence. <i>Technological Forecasting and Social Change</i> , 2019, 146, 339-351.	6.2	15
11	Resource allocation among multiple targets for a defender-attacker game with false targets consideration. <i>Reliability Engineering and System Safety</i> , 2021, 211, 107617.	5.1	15
12	Similarity measures for time series data classification using grid representation and matrix distance. <i>Knowledge and Information Systems</i> , 2019, 60, 1105-1134.	2.1	14
13	High-end weapon equipment portfolio selection based on a heterogeneous network model. <i>Journal of Global Optimization</i> , 2020, 78, 743-761.	1.1	14
14	Operation Network Modeling With Degenerate Causal Strengths for Missile Defense Systems. <i>IEEE Systems Journal</i> , 2018, 12, 274-284.	2.9	13
15	Meta-Path-Based Weapon-Target Recommendation in Heterogeneous Combat Network. <i>IEEE Systems Journal</i> , 2019, 13, 4433-4441.	2.9	13
16	Automatic sleep and wake classifier with heart rate and pulse oximetry: Derived dynamic time warping features and logistic model. , 2016, , .		10
17	A game-theoretic model for resource allocation with deception and defense efforts. <i>Systems Engineering</i> , 2019, 22, 282-291.	1.6	10
18	PLIRA: A Product-and-User Oriented Approach for Requirement Analysis From Online Reviews. <i>IEEE Systems Journal</i> , 2022, 16, 566-577.	2.9	10

#	ARTICLE	IF	CITATIONS
19	A Deep Learning Methodology for Citation Count Prediction with Large-scale Biblio-Features. , 2019, , .		9
20	An integrated technology pushing and requirement pulling model for weapon system portfolio selection in defence acquisition and manufacturing. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2015, 229, 1046-1067.	1.5	7
21	A Shape Based Similarity Measure for Time Series Classification with Weighted Dynamic Time Warping Algorithm. , 2017, , .		7
22	A Cumulative Prospect Theory Based Counterterrorism Resource Allocation Method under Interval Values. Journal of Systems Science and Systems Engineering, 2019, 28, 478-493.	0.8	7
23	Evolution monitoring for innovation sources using patent cluster analysis. Scientometrics, 2017, 111, 693-715.	1.6	6
24	A data-driven M2 approach for evidential network structure learning. Knowledge-Based Systems, 2020, 187, 104810.	4.0	6
25	Executable System-of-Systems architecting based on DoDAF meta-model. , 2012, , .		5
26	Solving the inverse graph model for conflict resolution using a hybrid metaheuristic algorithm. European Journal of Operational Research, 2023, 305, 806-819.	3.5	5
27	A Data-Centric Approach for Model-Based Systems Engineering. Journal of Systems Science and Information, 2015, 3, 549-560.	0.2	4
28	Group decision making for weapon systems selection with VIKOR based on consistency analysis. , 2016, , .		4
29	Optimal replacement policy for a repairable system with deterioration based on a renewal-geometric process. Annals of Operations Research, 2016, 244, 49-66.	2.6	4
30	Epidemic Spreading Characteristics and Immunity Measures Based on Complex Network with Contact Strength and Community Structure. Mathematical Problems in Engineering, 2015, 2015, 1-12.	0.6	3
31	Arms race analysis using capability-based graph model for conflict resolution. , 2017, , .		3
32	An Interactive Model-Driven Simulation Approach for Dynamic Behavior Analysis in Armed Conflicts. IEEE Access, 2018, 6, 36744-36756.	2.6	3
33	A Novel Inverse Approach to the Graph Model for Conflict Resolution Using Genetic Algorithm. , 2020, , .		3
34	A data-centric executable modeling approach for system-of-systems architecture. , 2012, , .		2
35	An Architectural Approach for Capability Mapping and Gap Analysis. Journal of Systems Science and Information, 2013, 1, 86-96.	0.2	2
36	A routing algorithm based on dynamic weight of the wireless sensor network. , 2015, , .		2

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37	Robust system portfolio selection with multi-function requirements and system instability. , 2017, , .		2
38	Surrogate Model-Based Rapid optimization for the Deployment of Combat System of Systems. , 2020, , .		2
39	Combat network link prediction based on embedding learning. Journal of Systems Engineering and Electronics, 2022, 33, 345-353.	1.1	2
40	Belief-Based Preference Structure and Elicitation in the Graph Model for Conflict Resolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 727-740.	5.9	2
41	Temporal Impact Analysis for Technological Innovation Based on Box-Cox Transformation. , 2018, , .		1
42	Heterogeneous Graph Based Similarity Measure for Categorical Data Unsupervised Learning. IEEE Access, 2019, 7, 112662-112680.	2.6	1
43	Search and Rescue at Sea: Situational Factors Analysis and Similarity Measure*. , 2019, , .		1
44	Course of Action Generation Using Graph Model for Conflict Resolution. , 2020, , .		1
45	Preventive maintenance model based on the renewal-geometric process. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 348-356.	0.6	1
46	Remaining Useful Life Prediction of the Concrete Piston Based on Probability Statistics and Data Driven. Applied Sciences (Switzerland), 2021, 11, 8482.	1.3	1
47	A novel differential evolution algorithm for threat-oriented weapon system planning. , 2015, , .		0
48	RIMER based Remaining Useful Life Estimation of Aero-Engine*. , 2019, , .		0
49	Optimization framework and applications of training multi-state influence nets. Applied Intelligence, 2022, 52, 1477-1492.	3.3	0
50	Military Game Analysis Based on the Graph Model for Conflict Resolution. , 2021, , .		0
51	Research on India-Pakistan Conflict Based on the Graph Model for Conflict Resolution. , 2021, , .		0