

代表性发明专利

序号	成果名称	成果类型	主要完成人
1	一种基于离线字典稀疏正则化的低管电流强度扫描的 CT 图像重建方法	发明专利 (ZL201610352004.5)	张立毅
2	基于频域分析的 CT 图像平移运动伪影校正方法	发明专利 (ZL201610352005.X)	孙云山
3	基于自适应 Levy 分布改进人工鱼群算法的配送中心选址优化方法	发明专利 (ZL 201610351862.8)	费腾
4	三维多孔结构 C@NiCo2O4@ppy 复合材料及其制备方法和应用	发明专利 (ZL 201910112224.4)	黄橡丽
5	一种用于检测识别铁路货车异物的方法及装置	发明专利 (ZL 201910611280.2)	韩建枫

代表性论文

近五年发表的代表性学术论文、专著					
序号	名称	作者	时间	发表刊物/出版社	备注
1	Pattern recognition based on pulse scanning imaging and convolutional neural network for vibrational events in Phi-OTDR	孙茜	2020-12	OPTIK , DOI : 10.1016/j.ijleo.2020.165205, 2021	SCI
2	Optimizing Sensor Deployment for Multi-Sensor-Based HAR System with Improved Glowworm Swarm Optimization Algorithm	田一明	2020-12	SENSORS , DOI : 10.3390/s20247161, 2021	SCI
3	Compressive sensing multi-target diffusive source localisation using sparse recovery algorithms in sensor networks	张勇	2021-01	INTERNATIONAL JOURNAL OF SENSOR NETWORKS, 2021, 35: 32-41	SCI
4	Predicting Hourly Heating Load in a District Heating System Based on a Hybrid CNN-LSTM Model	宋建材	2021-04	ENERGY AND BUILDINGS, DOI : 10.1016/j.enbuild.2021.110998, 2021	SCI
5	A modified teaching-learning-based optimization algorithm for solving optimization problem	马云鹏	2021-06	Machine Learning with Applications , DOI : 10.1016/j.knosys.2020.106599	SCI
6	Adaptive Configuration Method of Low-Frequency Electromechanical Sampling Information in Building Electrical System	于柏	2021-06	MATHEMATICAL PROBLEMS IN ENGINEERING, DOI: 10.1155/2021/6624330	SCI
7	Location Selection Strategy of Distribution Centers Based on Artificial Fish Swarm Algorithm Improved by Bacterial Colony Chemotaxis	费腾	2021-06	JOURNAL OF INTERNET TECHNOLOGY , 2021, 22: 685-695	SCI

8	A Novel Sensor-Based Human Activity Recognition Method Based on Hybrid Feature Selection and Combinational Optimization	田一明	2021-07	IEEE ACCESS, 2021, 9: 107235-107249, DOI : 10.1109/ACCESS.2021.3100580	SCI
9	Forecast of E-Commerce Transactions Trend Using Integration of Enhanced Whale Optimization Algorithm and Support Vector Machine	张素琪	2021-07	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE , DOI : 10.1155/2021/9931521	SCI
10	The Artificial Fish Swarm Algorithm Optimized by RNA Computing	张立毅	2021-07	Automatic Control and Computer Science, 2021, 55 (4): 346-357	SCI
11	An improved grasshopper optimization algorithm based on dynamic dual elite learning and sinusoidal mutation	陈雷	2021-09	COMPUTING, DOI: 10.1007/s00607-021-00991-1, 2021	SCI
12	Application of FWA-Artificial Fish Swarm Algorithm in the Location of Low.Carbon Cold Chain Logistics Distribution Center in Beiing-Tianjin-Hebei Metropolitan Area	张立毅	2021-10	SCIENTIFIC PROGRAMMING , 2021 , DOI : 10.1155/2021/9945583	SCI
13	Hourly Heat Load Prediction Model Based on Temporal Convolutional Neural Network	宋建材	2020-01	IEEE ACCESS, 2020, 8: 16726-16741	SCI
14	An Indoor Temperature Prediction Framework Based on Hierarchical Attention Gated Recurrent Unit Model for Energy Efficient Buildings	宋建材	2020-01	IEEE ACCESS, 2020, 7: 157268-157283	SCI
15	Short-Term Traffic Flow Forecasting Based on Data-Driven Model	张素琪	2020-02	MATHEMATICS , 2020, 8 (2) , DOI: 10.3390/math8020152	SCI
16	Joint variational Bayesian based localization estimation algorithm on distributed gas source sensor network	张勇	2020-03	COMPUTER COMMUNICATIONS , 2020, 154: 262-268	SCI
17	A hybrid multiverse optimisation algorithm based on differential evolution and adaptive mutation	陈雷	2020-03	Journal of Experimental & Theoretical Artificial Intelligence, DOI: 10.1080/0952813X.2020.1735532	SCI
18	Semi-Supervised Community Detection via Constraint Matrix Construction and Active Node Selection	张素琪	2020-03	IEEE ACCESS, 2020, 8: 39078-39090	SCI
19	Design of incomplete 3D information image recognition system based on	张志鑫	2020-05	EURASIP JOURNAL ON WIRELESS	SCI

	SIFT algorithm and wireless network			COMMUNICATIONS AND NETWORKING, 2020, 1, DOI: 10.1186/s13638-020-01726-0	
20	Robust Fault-Tolerant Synergetic Control for Dual Three-Phase PMSM Drives Considering Speed Sensor Fault	肖丽	2020-05	IEEE ACCESS, 2020, 8: 78912-78922	SCI
21	Research on the construction and simulation of po-dijkstra algorithm model in parallel network of multi-core platform	张波	2020-05	Journal on Wireless Communications and Networking, 2020, (1), DOI: 10.1186/s13638-020-01680-x	SCI
22	Multi-layer Attention Based CNN for Target-Dependent Sentiment Classification	张素琪	2020-06	Neural Processing Letters, 2020, 51 (3): 2089-2103	SCI
23	Application on Cold Chain Logistics Routing Optimization Based on Improved Genetic Algorithm	张立毅	2019-03	Automatic Control and Computer Sciences, 2019, 53 (2): 169-180	SCI
24	A novel blind restoration and reconstruction approach for CT images based on sparse representation and hierarchical Bayesian-MAP	孙云山	2019-08	Algorithms, 2019, 12 (8):	SCI
25	Research of improved artificial fish swarm portfolio optimization algorithm based on adaptive levy mutation	费腾	2019-12	Journal of Internet Technology, 2019, 20 (6): 1889-1898	SCI
26	Low-Carbon Cold Chain Logistics Using Ribonucleic Acid-Ant Colony	张立毅	2019-08	Journal of Cleaner Production, 2019, 233: 169-180	SCI
27	A resample strategy and artificial bee colony optimization-based 3d range imaging registration	陈雷	2018-12	Computer Vision and Image Understanding, 2018, 175: 44-51	SCI
28	Applications of a Strong Track Filter and LDA for On-Line Identification of a Switched Reluctance Machine Stator Inter-Turn Shorted-Circuit Fault	肖丽	2019-01	Energies, 2019, 12 (1): DOI: 10.3390/en12010134	SCI
29	Sensor management based on collaborative information fusion algorithm for gas source localization	张勇	2018-12	International Journal of Sensor Nntworks, 2018, 28 (4): 242-252	SCI
30	An Indoor Gas Leakage Source Localization Algorithm Using Distributed Maximum Likelihood Estimation in Sensor Networks	张勇	2019-05	Journal of Ambient Intelligenec and Humanized Computing, 2019, 10 (5): 1703-1712	SCI
31	Gas Leakage Source Parameter Estimation and Localization Based on Nonlinear Gaussian Mixture Filtering	张勇	2019-05	Journal of Nonlinear and Convex Analysis, 2019, 20	SCI

	Method in Sensor Network			(5) : 849-864	
32	A Heuristic Algorithm for Solving the Aircraft Landing Scheduling Problem with a Landing Sequence Division	石文	2019-02	IEEE Transactions on Fundamentals of Electronics Communications and Computer Sciences, 2019, E102A(8) : 966-973	SCI
33	Sensor Management Based on Collaborative Information Fusion Algorithm for Gas Source Localization	张勇	201812	International Journal of Sensor Networks	SCI
34	Distributed Recursive Least-squares Fusion Method for Gas Leakage Source Localization	张勇	201811	International Journal of Sensor Networks	SCI
35	A resample Strategy and Artificial Bee Colony Optimization-based 3D Range Imaging Registration	陈雷	201810	Computer Vision and Image Understanding	SCI
36	Pricing Decisions of a Dual-Channel Supply Chain considering Supply Disruption Risk	周艳聪	201803	DISCRETE Dynamics in Nature and Society	SCI
37	Optimization of Pharmaceutical Cold Chain Logistics Distribution Based on Seeker Genetic Algorithm	张立毅	201802	Indian Journal of Pharmaceutical Sciences	SCI
38	Variational Bayesian Blind Restoration Reconstruction Based on Shear Wave Transform for Low-dose Medical CT Image	孙云山	201712	EURASIP Journal on Image and Video Processing	SCI
39	Application of BFO-AFSA to Location of Distribution Centre	费腾	201712	Cluster Computing	SCI
40	Distributed Gaussian Mixture Model-based Particle Filter Method for Chemical Pollution Source Localization with Sensor Network	张勇	201711	Cluster Computing	SCI
41	Low Carbon Logistics Distribution Route Optimization Research Based on Improved Ant Colony Algorithm	费腾	201612	Bulgarian Chemical Communications	SCI
42	Chemical Gas Leakage Source Determination Using Distributed EM Algorithm with Gaussian Mixture Model	张勇	201612	Bulgarian Chemical Communications	SCI
43	Optimum Sensor Scheduling for Chemical Diffusive Source Localization Using Distributed Estimation	张勇	201610	Oxidation Communications	SCI
44	Acquisition Pricing and Inventory Decisions on Dual-Source Spare-Part System with Final Production and Remanufacturing	周艳聪	201606	Hindawi Publishing Corporation	SCI
45	Complex System Blind Equalization Algorithm for Equivalent Multi-channel CT Image Restoration	孙云山	201604	Journal of Medical Imaging and Health Informatics	SCI
46	The Research on low Carbon Logistics Routing Optimization Based on	张立毅	201406	Discrete Dynamics in Nature and	SCI

	DNA-Ant Colony Algorithm			Society	
47	Blind Source Separation Based on Covariance Ratio and Artificial Bee Colony Algorithm	陈 雷	201406	Mathematical Problems in Engineering	SCI
48	Routing Optimization of Intelligent Vehicle in Automated Warehouse	周艳聪	201405	Discrete Dynamics in Nature and Society	SCI
49	基于微分搜索的高光谱图像非线性解混算法	陈 雷	201702	电子学报	EI
50	基于样条插值与人工蜂群优化的非线性盲源分离算法	陈 雷	201707	通信学报	EI