

2019年度广东技术师范大学自然科学 SCI论文一览表

论文题目	第一作者	所属单位	发表/出版时间	发表刊物/论文集	刊物类型
A Compact Dual-Band Stacked Patch Antenna With Dual Circular Polarizations for BeiDou Navigation Satellite Systems	范艺	电子与信息学院	2019-07-03	IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS	SCI来源期刊,SCI二区
A Decomposition-Based Local Search for Large-Scale Many-Objective Vehicle Routing Problems With Simultaneous Delivery and Pickup and Time Windows	刘少鹏	计算机科学学院	2019-12-10	IEEE SYSTEMS JOURNAL	SCI来源期刊,SCI二区
Collaborative Target Tracking of IoT Heterogeneous Nodes	卢旭	计算机科学学院	2019-12-20	Measurement	SCI来源期刊,SCI二区
Compounding Plasmon–Exciton Strong Coupling System with Gold Nanofilm to Boost Rabi Splitting	陈湛旭	光电工程学院	2019-04-07	Nanomaterials	SCI来源期刊,SCI二区
Deep Learning Based Proactive Caching for Effective WSN-Enabled Vision Applications	雷方元	电子与信息学院	2019-04-19	Complexity	SCI来源期刊,SCI二区
Delay-dependent stability analysis of modular microgrid with distributed battery power and soc consensus tracking	张先勇	自动化学院	2019-07-31	IEEE ACCESS	SCI来源期刊,SCI二区
Design of adaptive ILC for 2-D FMM systems with unknown control directions	许清媛	电子与信息学院	2019-09-17	IEEE Access	SCI来源期刊,SCI二区
Dynamics of operator-weighted shifts	尹宗斌	数学与系统科学学院	2019-07-01	International Journal of Bifurcation and Chaos	SCI来源期刊,SCI二区
Effects of micron heterogeneous metal particles on the microstructure and mechanical properties of 7075Al hybrid composites	刘一雄	机电学院	2019-08-05	Journal of Alloys and Compounds	SCI来源期刊,SCI二区
Effects of Si phase refinement on the plasma electrolytic oxidation of	王敏	机电学院	2019-03-15	Journal of Alloys and Compounds	SCI来源期刊,SCI二区
Efficient Matching of Multi-Modal Sensing Nodes for Collaborative Sense Optimization of Composite Events	刘军	自动化学院	2019-04-11	IEEE Access	SCI来源期刊,SCI二区
Ensemble of multi-objective metaheuristic algorithms for multi-objective unconstrained binary quadratic programming problem	刘少鹏	计算机科学学院	2019-05-20	Applied Soft Computing Journal	SCI来源期刊,SCI二区
Financial time series forecasting using twin support vector regression	马震远	数学与系统科学学院	2019-04-13	PLOS ONE	SCI来源期刊,SCI二区
Fusion of Multiscale Convolutional Neural Networks for Building Extraction in Very High-Resolution Images	赵慧民	计算机科学学院	2019-01-28	Remote Sensing	SCI来源期刊,SCI二区
Geometry of Adjoint-Invariant Submanifolds of SE	杨勇	机电学院		IEEE Transactions on Robotics	SCI来源期刊,SCI二区
High-temperature tensile behavior of AZ61 magnesium plate prepared by multi-pass friction stir processing	罗锡才	机电学院	2019-05-15	Materials Science & Engineering A	SCI来源期刊,SCI二区
Hyperspectral image reconstruction using Multi-colour and Time-multiplexed LED illumination	赵慧民	计算机科学学院	2019-08-23	Optics and Lasers in Engineering	SCI来源期刊,SCI二区
Influence mechanisms of Zr and Fe particle additions on the microstructure and mechanical behavior of squeeze-cast 7075Al hybrid composites	刘一雄	机电学院	2019-05-28	Journal of Alloys and Compounds	SCI来源期刊,SCI二区
Nonlinear optical properties of semiconductor double quantum wires coupled to a quantum-sized metal nanoparticle	刘光辉	光电工程学院	2019-11-28	Optics Letters	SCI来源期刊,SCI二区
On fixed points of meromorphic functions $f(z)$ and $f(z+c), \Delta f(z)$	蓝双婷	数学与系统科学学院	2019-10-10	Acta Mathematica Scientia	SCI来源期刊,SCI二区
On Learning and Learned Data Representation by Capsule Networks	林安成	数学与系统科学学院	2019-07-01	IEEE Access	SCI来源期刊,SCI二区
Optical Response Properties of Stable and Controllable Au Nanorod Monolayer Meta-Arrays	陈耿炎	光电工程学院	2019-05-13	The Journal of Physical Chemistry C	SCI来源期刊,SCI二区
Potential of UV and SWIR hyperspectral imaging for determination of levels of phenolic flavour compounds in peated barley malt	赵慧民	计算机科学学院	2019-01-30	Food Chemistry	SCI来源期刊,SCI二区

QUASISYMMETRIC PACKING-MINIMALITY OF MORAN SETS	姜曼丽	数学与系统科学学院	2019-09-23	Fractals	SCI来源期刊,SCI二区
research on grid scroll chaotic extended sequence algorithm and tis circuit implementation for F-OFDM system	李亚	电子与信息学院	2019-11-01	Complexity	SCI来源期刊,SCI二区
Review of the Recent Trends of Process Monitoring and Control for Double Wire GMAW Process	姚屏	机电学院	2019-09-10	IEEE Access	SCI来源期刊,SCI二区
Spectral analogues of Erd ˆos' theorem on Hamilton-connected graphs	魏佳	数学与系统科学学院	2019-05-01	Applied Mathematics and Computation	SCI来源期刊,SCI二区
Superpixel based Feature Specific Sparse Representation for Spectral-Spatial Classification of Hyper- spectral Images	赵慧民	计算机科学学院	2019-08-28	Remote Sensing	SCI来源期刊,SCI二区
The Jacobi Stability of a Lorenz-type Multistable Hyperchaotic System with a Curve of Equilibria	陈玉明	数学与系统科学学院	2019-05-01	International Journal of Bifurcation and Chaos	SCI来源期刊,SCI二区
Three-dimensional chirped Airy Complex-variable-function Gaussian vortex wavepackets in a strongly nonlocal nonlinear medium	彭喜	光电工程学院	2019-12-29	Optics Express	SCI来源期刊,SCI二区
Vector solitons in nonlinear fractional Schrödinger equations with parity-time-symmetric optical lattices	朱兴	光电工程学院	2019-06-19	Nonlinear Dynamics	SCI来源期刊,SCI二区
A Miniaturized Four-Element MIMO Antenna With EBG for Implantable Medical Devices	范艺	电子与信息学院	2019-01-19	Micromachines	SCI来源期刊,SCI三区
Asymptotic dichotomy in a class of higher order nonlinear delay differential equations	梁海华	数学与系统科学学院	2019-01-07	Journal of Inequalities and Applications	SCI来源期刊,SCI三区
Automated video analysis of sow nursing behavior based on fully convolutional network and oriented optical flow	杨阿庆	计算机科学学院	2019-10-17	Computers and Electronics in Agriculture	SCI来源期刊,SCI三区
Combining the Multi-Genetic Algorithm and Support	熊建斌	自动化学院	2019-01-01	Shock and Vibration	SCI来源期刊,SCI三区
Dichotomy theorem for control sets	王涛	数学与系统科学学院	2019-07-01	Systems & Control Letters	SCI来源期刊,SCI三区
EEG- Based Brain-Computer Interfaces Using Motor-Imagery: Techniques and Challenges	赵慧民	计算机科学学院	2019-06-26	Sensors	SCI来源期刊,SCI三区
Effect of subject's age and gender on face recognition results*	吴世枫	数学与系统科学学院	2019-04-01	J. Vis. Commun. Image R. (1047-3203)	SCI来源期刊,SCI三区
Effects of Operational Parameters on the Characteristics of Ripples in Double-Pulsed GMAW Process	姚屏	机电学院	2019-08-16	Materials	SCI来源期刊,SCI三区
Enhanced optical performance of AlGaIn-based deep-ultraviolet light-emitting diode with m-shaped hole blocking layer and w-shaped electron blocking layer	陈湛旭	光电工程学院	2019-07-13	Superlattices andMicrostructures	SCI来源期刊,SCI三区
Exploration of Weld Bead Forming Rule during Double-Pulsed GMAW Process Based on Grey Relational Analysis	姚屏	机电学院	2019-11-11	Materials	SCI来源期刊,SCI三区
Generation of an adjustable optical cage through focusing an apertured Bessel-Gaussian correlated Schell-model beam	郭利娜	光电工程学院	2019-02-07	Applied Science	SCI来源期刊,SCI三区
Generation of stable multi-vortex clusters in a dissipative medium with anti-cubic nonlinearity	仇云利	光电工程学院	2019-05-16	Physics Letter A	SCI来源期刊,SCI三区
Hartley-Domain DD-FTN Algorithm for ACO-SCFDM in Optical-Wireless Communications	单纯	电子与信息学院	2019-08-07	IEEE Photonics Journal	SCI来源期刊,SCI三区
IBP based caching strategy in D2D	单纯	电子与信息学院	2019-06-10	Applied Sciences	SCI来源期刊,SCI三区
Interface Structure and Mechanical Properties of 7075Al Hybrid Composite Reinforced with Micron Ti Metal Particles Using Pressure Infiltration	刘一雄	机电学院	2019-08-08	Metals	SCI来源期刊,SCI三区
Joint optic disc and cup segmentation using semi-supervised conditional GANs	刘少鹏	计算机科学学院	2019-10-10	Computers in Biology and Medicine	SCI来源期刊,SCI三区
Light-Weight Topological Optimization for Upper Arm of an Industrial Welding Robot	姚屏	机电学院	2019-09-30	Metals	SCI来源期刊,SCI三区

Microstructure and Properties of Nano-Hydroxyapatite Reinforced WE43 Alloy Fabricated by Friction Stir Processing	曹耿华	机电学院	2019-09-16	Materials	SCI来源期刊,SCI三区
Multichannel MAC protocol with dynamic backoff contention for distributed cognitive radio networks	魏纵横	计算机科学学院	2019-08-07	EURASIP Journal on Wireless Communications and Networking	SCI来源期刊,SCI三区
Multiple vector representations of images and robust dictionary learning	李争名	广东工业实训中心	2019-12-01	Pattern Recognition Letters	SCI来源期刊,SCI三区
Necklacelike solitons formed by manipulating vortex beams in a synthetic structure	朱兴	光电工程学院	2019-07-09	Journal of the Optical Society of America B	SCI来源期刊,SCI三区
Nonparaxial propagation properties of specially correlated radially polarized beams in free space	郭利娜	光电工程学院	2019-03-10	Applied Science	SCI来源期刊,SCI三区
Photorealistic Face Completion with Semantic Parsing and Face Identity-Preserving Features	马锐军	广东工业实训中心	2019-02-01	ACM Transactions on Multimedia Computing Communications and Applications	SCI来源期刊,SCI三区
Planar Semi-quasi Homogeneous Polynomial Differential	梁海华	数学与系统科学学院	2019-01-29	Qualitative Theory of Dynamical Systems	SCI来源期刊,SCI三区
Propagation properties of Airy Ince-Gaussian wave packets in gradient-index media	彭喜	光电工程学院	2019-01-08	Laser Physics Letters	SCI来源期刊,SCI三区
Recent progress on cascading failures and recovery in interdependent	王燕	数学与系统科学学院	2019-08-17	International Journal of Disaster Risk Reduction	SCI来源期刊,SCI三区
Salient Superpixel Visual Tracking with Graph Model and Iterative Segmentation	詹瑾	计算机科学学院	2019-06-28	Cognitive Computation	SCI来源期刊,SCI三区
Soliton dynamics in a fractional complex Ginzburg-Landau model	仇云利	光电工程学院	2019-12-30	Chaos, Solitons and Fractals	SCI来源期刊,SCI二区
Systematic analysis of the coordination degree of China's economy-ecological environment system and its influencing factor	陈潮填	计算机科学学院	2019-08-12	Environmental Science and Pollution Research	SCI来源期刊,SCI三区
The Current Status and Development of Semi-solid Powder Forming (SPF)	吴敏	汽车与交通工程学院	2019-03-01	JOM	SCI来源期刊,SCI三区
A reliable sense maintenance scheme by sense holes recognised and self-healing in sensor networks of internet of things	刘军	自动化学院	2019-05-28	International Journal of Ad Hoc and Ubiquitous Computing	SCI四区
Detection of oxidation region of flexible integrated circuit substrate based on topology mapping	钟智彦	自动化学院	2019-03-01	Multimedia Tools and Applications	SCI四区
Development of polarization reconfigurable omnidirectional antennas using crossed dipoles	范艺	电子与信息学院	2019-02-01	IET Microwaves, Antennas & Propagation	SCI四区
Fault Diagnosis Method Based on Improved Evidence Reasoning	熊建斌	自动化学院	2019-01-31	Mathematical Problems in Engineering	SCI四区
Feature extraction method of halftone images based on pixel aggregation descriptor	钟智彦	自动化学院	2019-11-01	Multimedia Tools and Applications	SCI四区
Gröbner-Shirshov bases for commutative dialgebras	张广亮	数学与系统科学学院	2019-04-03	Communications in Algebra	SCI四区
Incremental learning-based visual tracking with weighted discriminative dictionaries	赵慧民	计算机科学学院	2019-11-28	International Journal of Advanced Robotic Systems	SCI四区
Measurement Method for Human Body Anteflexion Angle based on Image Processing	卢旭	计算机科学学院	2019-05-01	International Journal of Imaging Systems and Technology	SCI四区
Mobile Target Tracking Algorithm for Wireless Camera Sensor Networks with Adjustable Monitoring Direction of Nodes	卢旭	计算机科学学院	2019-04-01	International Journal of Communication Systems	SCI四区
Node importance to community based caching strategy for information centric networking	单纯	电子与信息学院	2019-10-10	CCPE	SCI四区
Novel coated differentially fed dual-band fractal antenna for implantable medical devices	范艺	电子与信息学院	2019-10-23	IET Microwaves, Antennas & Propagation	SCI四区
On endomorphism monoids of finite Kleene algebras	孙中举	数学与系统科学学院	2019-08-01	Algebra Colloquium	SCI四区

Process and Parameter Optimization of the Double-Pulsed GMAW Process	姚屏	机电学院	2019-09-20	Metals	SCI来源期刊,SCI三区
Stable Analysis for a Delayed Population Model With Survival Rate	朱志强	数学与系统科学学院	2019-06-30	Miskolc Mathematical Notes	SCI四区
Test Method for Health-related Physical Fitness of College Students in Mobile Internet Environment	卢旭	计算机科学学院	2019-03-12	Mathematical Biosciences and Engineering	SCI四区
The balanced pseudocomplemented Ockham algebras with the strong endomorphism kernel property	孙中举	数学与系统科学学院	2019-11-02	Studia Logica	SCI四区
The convergence of Borel probability measures and its applications to topological dynamics	陈志景	数学与系统科学学院	2019-06-21	Bulletin of the Malaysian Mathematical Sciences Society	SCI四区
Theoretical study of the effects of Mn:N ratios on electronic structure and magnetic properties of (Mn, N)-codoped ZnO	王春安	电子与信息学院	2019-05-12	International Journal of Modern Physics B	SCI四区
Anisotropic thermal conductivities and structure in lignin-based microscale carbon fibers	邓澄	机电学院	2019-02-25	Carbon	SCI一区
Controllable Formation of Luminescent Carbon Quantum Dots Mediated by the Fano Resonances Formed in Oligomers of Gold Nanoparticles	郑允宝	光电工程学院	2019-05-13	Adv. Mater	SCI一区
Dynamically tunable multifunctional QED platform	陈耿炎	光电工程学院	2019-04-23	Science China Physics, Mechanics & Astronomy	SCI一区
Efficient and Fast Real-World Noisy Image Denoising by Combining Pyramid Neural Network and Two-Pathway Unscented Kalman Filter	马锐军	广东工业实训中心	2019-12-31	IEEE Transactions on Image Processing	SCI一区
Frequency-domain energy transport state-resolved Raman for measuring the thermal conductivity of suspended nm-thick MoSe ₂	邓澄	机电学院	2019-01-09	International Journal of Heat and Mass Transfer	SCI一区
Low-rank analysis-synthesis dictionary learning with adaptively	李争名	广东工业实训中心	2019-11-01	Neural Networks	SCI一区
Measurement of the thermal conductivities of suspended MoS ₂ and MoSe ₂ by nanosecond ET-Raman without temperature calibration and laser absorption evaluation	邓澄	机电学院	2019-01-01	Nanoscale	SCI一区
MIMR-DGSA: Unsupervised Hyperspectral Band Selection Based on Information Theory and a Modified Discrete Gravitational Search Algorithm	赵慧民	计算机科学学院	2019-05-08	Information Fusion	SCI一区
Nanosopic Spotlight in a Spindle Semiconductor Nanowire	陈泳竹	光电工程学院	2019-01-07	ACS Nano	SCI一区
Overview of recent advances of process analysis and quality control in resistance spot welding	姚屏	机电学院	2019-01-01	Mechanical Systems and Signal Processing	SCI一区
Polarized Raman of Nanoscale Two-Dimensional Materials: Combined Optical and Structural Effects	邓澄	机电学院	2019-08-28	Journal of Physical Chemistry C	SCI一区
Discriminative Fisher Embedding Dictionary Learning Algorithm for Object Recognition	李争名			IEEE Transactions on Neural Networks and Learning Systems	SCI一区
On Learning and Learned Data Representation by Capsule Networks	马震远			IEEE Access	SCI来源期刊,SCI二区
Financial time series forecasting using twin support vector regression	马震远			PLOS ONE	SCI来源期刊,SCI二区
Nonlocal solitons supported by non-parity-time-symmetric complex potentials	朱兴			New Journal of Physics	SCI二区
Gap solitons supported by two-dimensional parity-time-symmetric optical lattices in saturable media with fourth-order diffraction	朱兴			Journal of Optics	SCI三区
Multipole gap solitons in fractional Schrödinger equation with parity-time-symmetric optical lattices	朱兴			Optics Express	SCI三区
Radiative coupling and decay dynamics of two two-level quantum emitters in arbitrary dielectric nanostructures	陈耿炎			Physical Review A	SCI二区
High brightness and precise adjustment of multicolor-tunable luminescence of Lu ₂ GeO ₅ :Tb ³⁺ , Eu ³⁺ phosphors for white LEDs	张绍安	Current Applied Physics		Current Applied Physics	SCI三区

Enhanced dielectric performance of BaxSr(1-x)TiO3 films prepared by the	王敏	Thin Solid Films		Thin Solid Films	SCI三区
High-temperature tensile behavior of AZ61 magnesium plate prepared by multi-pass friction stir processing	曹耿华			Materials Science & Engineering A	SCI二区
Multi-pass submerged friction stir processing of AZ61 magnesium alloy: strengthening mechanisms and fracture behavior	曹耿华			Journal of materials science	SCI二区
Adaptive Binarization of QR Code Images for Fast Automatic Sorting in Warehouse Systems	陈荣军	Sensors		Sensors	SCI二区