

| 序号 | 论文题目 | 期刊 | 作者 | 发表年份 |
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| 1 | A cyclic slip irreversibility based model for fatigue crack initiation of nickel base alloys | International Journal of Fatigue | 何声馨、Marion Risbet*、Xavier Feaugas* | 2017 |
| 2 | Acoustic contribution from individual cabins of a submerged hull | Institute of Noise Control Engineering | 李晨阳 | 2017 |
| 3 | Analysis and design of permanent magnet biased magnetic bearing based on hybrid factor | Advances in Mechanical Engineering | 白国长 | 2017 |
| 4 | Analysis of a three-dimensional arbitrarily shaped interface crack in a one-dimensional hexagonal thermo-electro-elastic quasicrystal bi-material. Part 1: Theoretical solution. | Engineering Fracture Mechanics | 赵明皞、党华阳+、范翠英、陈曾涛* | 2017 |
| 5 | Analysis of a three-dimensional arbitrarily shaped interface crack in a one-dimensional hexagonal thermo-electro-elastic quasicrystal bi-material. Part 2: Numerical method. | Engineering Fracture Mechanics | 党华阳+、赵明皞、范翠英、陈曾涛* | 2017 |
| 6 | Analysis of an interface crack of arbitrary shape in a three-dimensional transversely isotropic magnetoelastoelectrothermoelastic bi-material. Part 1: Theoretical solution. | The Journal of Thermal Stresses | 赵明皞、党华阳+、范翠英、陈曾涛* | 2017 |
| 7 | Analysis of an interface crack of arbitrary shape in a three-dimensional transversely isotropic magnetoelastoelectrothermoelastic bi-material. Part 2: Numerical method. | The Journal of Thermal Stresses | 党华阳+、赵明皞、范翠英、陈曾涛* | 2017 |
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| 9 | Analysis of Principle and Performance of a New 4DOF Hybrid Magnetic Bearing | Journal of Magnetics | 白国长 | 2017 |
| 10 | Control of Grinding Surface Residual Stress of Inconel 718 | Procedia Engineering | 王培卓+、贺占蜀、张远西+、赵树森+ | 2017 |
| 11 | Exploration of micro-diamagnetic levitation rotor | Japanese Journal of Applied Physics | 苏宇锋、张坤+、叶志通+、*、* | 2017 |
| 12 | Extended displacement discontinuity method for an interface crack in a three-dimensional transversely isotropic piezothermoelastic bi-material. Part 1: Theoretical solution. | International Journal of Solids and Structures | 赵明皞、党华阳+、范翠英、陈曾涛* | 2017 |
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| 14 | Extended Displacement Discontinuity Method for Analysis of Cracks in 2D Thermal Piezoelectric Semiconductors. | Smart Materials and Structures | 赵明皞、潘一博+、范翠英、徐广涛 | 2017 |
| 15 | Extended displacement discontinuity method for analysis of cracks in 2D thermopiezoelectric media. Piezoelectricity | Acoustic Waves, and Device Applications (SPAWDA) | 袁彦鹏+、赵明皞、范翠英 | 2017 |
| 16 | Fundamental solutions and analysis of rectangular crack in 3D thermopiezoelectric media | Acoustic Waves, and Device Applications 2016 | 李园+、范翠英、赵明皞 | 2017 |
| 17 | Identification of multivariable dynamic errors-in-variables system with arbitrary inputs | Automatica | 张二亮、Rik Pintelon* | 2017 |
| 18 | Impact Dynamic Analysis of Multibody System Based on Impulse Momentum Method | Advances in Computer Science Research | 段玥晨、王婷婷、李霞 | 2017 |
| 19 | Impact Dynamics of a Flexible Beam with Rotation | Advances in Engineering Research | 段玥晨、王婷婷、张伟伟 | 2017 |

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| 20 | Influence of Strain Path Change on the Microstructure and Mechanical Properties of Duplex Mg–Li Alloy | MAGNESIUM TECHNOLOGY 2017 | 邹云、李阳、郭浩*、许松松*、赵宇*、张密林*、张中武* | 2017 |
| 21 | Iterative boundary element method for crack analysis of two-dimensional piezoelectric semiconductor | Engineering Analysis with Boundary Elements | 张巧云、范翠英、徐广涛、赵明皞 | 2017 |
| 22 | Levitation and nonlinearity characteristics of a diamagnetic levitation structure | International Journal of Applied Electromagnetics and Mechanics | 苏宇锋、张坤+、叶志通+ | 2017 |
| 23 | Penny-shaped cracks in three-dimensional piezoelectric semiconductors via Green's functions of extended displacement discontinuity | Journal of Intelligent Material Systems and Structures | 赵炎斐+、赵明皞、范翠英 | 2017 |
| 24 | Prediction Model of Vibration Feature for Equipment Maintenance Based on Full Vector Spectrum | Shock and Vibration | 陈磊、韩捷、雷文平、官振红+、高亚娟+ | 2017 |
| 25 | Reflection and transmission of plane wave in multilayered nonlocal magneto-electro-elastic plates immersed in liquid | composite structures | 陈江义、郭俊宏*、潘尔年* | 2017 |
| 26 | Research of the On-Line Evaluating the Cylindricity Error Technology Based on the New Generation of GPS | Procedia Engineering | 郑鹏、吴建权+、张琳娜 | 2017 |
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| 28 | Singularity analysis and dimensional optimization on a novel serial-parallel leg mechanism | 2011 World Conference on Science and Engineering-WCSE 2011 | 高建设、李明祥+ | 2017 |
| 29 | Static response of a layered magneto-electro-elastic | Acta Mechanica Solida Sinica | 陈江义、郭俊宏* | 2017 |

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| 30 | Structure Detection of Wiener–Hammerstein Systems With Process Noise | IEEE Transactions on Instrumentation and Measurement | 张二亮、Maarten Schoukens*、Johan Schoukens* | 2017 |
| 31 | Study on Gait Planning and Simulation of a Novel Hybrid Quadruped Robot | Mechan. Machine Science | 高建设、王玉闯+、于千源+、左伟龙+ | 2017 |
| 32 | Study on the control device layout of truck cockpit based on user experience | AHFE 2017 International Conference on Design for Inclusion, 2017 | 姚艳龙+、李银霞 | 2017 |
| 33 | Study on the Frame Body Structure of Micro-Electric Vehicle based on Frontal Crash Safety | green energy and sustainable development I | 芦耀全+、张三川 | 2017 |
| 34 | Tensor Method for Mechanism Motion Analysis | Mechanisms and Machine Science-Advances in Mechanical Design | 高建设、王保糖+、左伟龙+、于千源+ | 2017 |
| 35 | The analytical solution and numerical simulation of torsion vibration model of single tooth meshing gear pair | 2017 2nd international conference on test, measurement and computational method(TMCM 2017) | 王立新、陈林凯+、刘军辉+、杨智涵+ | 2017 |
| 36 | The mechanical assembly precision analysis considering actual working condition | Mechan. Machine Science, Vol. 55, Jianrong Tan et al. (Eds): Advances in Mechanical Design,\ | 赵凤霞 | 2017 |
| 37 | The study of design method for robotic drill end effector | Procedia Engineering | 梁杰、贾淑慧* | 2017 |
| 38 | The study of leakage of circular arc–involute–circular arc gear pump | ADVANCES IN MECHANICAL ENGINEERING | 周洋 | 2017 |
| 39 | Thermodynamics and Stability Analysis of High-Speed Hydrodynamic Journal Bearing | 2016 International Congress on Computation Algorithms in Engineering | 朱光+、郭红、李瑞珍 | 2017 |
| 40 | Thermo-hydrodynamic Analysis of Journal Hybrid Bearing with Deep/shallow | 2016 International Conference on Applied Mechanics, | 郭红、李瑞珍、朱光+ | 2017 |

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| 41 | Three-Dimensional Numerical Analysis of an Operating Helical Rotor Pump at High Speeds and High Pressures including Cavitation | MATEC Web of Conferences | 周洋 | 2017 |
| 42 | Wave propagation in magneto-electro-elastic multilayered plates with nonlocal effect | Journal of Sound and Vibration | 陈江义、郭俊宏*、潘尔年* | 2017 |
| 43 | Analysis and Comparison of Vibration Characteristics of Rectangular Thin Plate under Different Boundary Conditions | Journal of the Balkan Tribological Association | 李成、铁瑛、陈功轩+ | 2016 |
| 44 | Analysis of an arbitrarily shaped interface crack in a three-dimensional isotropic thermal elastic bi-material. Part 2: Numerical method | International Journal of Solids and Structures | 党华阳+、赵明皞、范翠英、陈增涛* | 2016 |
| 45 | Analysis of an arbitrarily shaped interface cracks in a three-dimensional isotropic thermoelastic bi-material. Part 1: Theoretical solution | International Journal of Solids and Structures | 赵明皞、党华阳+、范翠英、陈增涛* | 2016 |
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| 47 | Bearings condition trend prediction based on feature of spectrum demodulation | The 29th International congress on condition monitoring and diagnostic engineering management | 郝旺身、赵伟杰+、陈宏、李凌均、董辛旻、雷文平、陈磊、韩捷 | 2016 |
| 48 | Development of Wall Jib Crane Design System Based on Visual Basic.NET | Proceedings of the 2016 6th International Conference on Advanced Design and Manufacturing | 刘竹丽、王祝新+、李玮* | 2016 |

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| 49 | Dielectric Breakdown Model for an Electrically Semi-Permeable Penny-Shaped Crack in Three-Dimensional Piezoelectric Media | Acta Mechanica Solida Sinica | 赵明皞、党华阳+、 徐广涛、范翠英 | 2016 |
| 50 | Displacement and Temperature Discontinuity Boundary Integral Equation and Boundary Element Method for Analysis of Cracks in Three-dimensional Isotropic Thermal-elastic Media | International Journal of Solids and Structures | 赵明皞、党华阳+、 李圆+、范翠英、徐 广涛 | 2016 |
| 51 | Effects of electrostatic tractions on interfacial fracture behavior of two-phase piezoelectric materials | Engineering Fracture Mechanics | 赵明皞、刘海涛+、 徐广涛、范翠英 | 2016 |
| 52 | Energy trapping of thickness-shear modes in inverted-mesa AT-cut quartz piezoelectric resonators | FERROELECTRICS | 时俊杰+、范翠英、 赵明皞、杨嘉实* | 2016 |
| 53 | Errors-in-variables identification of dynamic systems in general cases | IFAC-PapersOnLine | 张二亮、Pintelon Rik* | 2016 |
| 54 | Extended displacement discontinuity method for analysis of cracks in 2D piezoelectric semiconductors | International Journal of Solids and Structures | 赵明皞、潘一博+、 范翠英、徐广涛 | 2016 |
| 55 | Extended Displacement Discontinuity Method for Cracks in Three-dimensional Transversely Isotropic Thermo-magneto-electro-elast ic Media | Smart Materials and Structures | 李圆+、党华阳+、 徐广涛、范翠英、 赵明皞 | 2016 |
| 56 | Full-Vector Signal Acquisition and Information Fusion for the Fault Prediction | International Journal of Rotating Machinery | 陈磊、韩捷、雷文 平、崔永祥+、官振 红+ | 2016 |
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| 58 | Kinematics Simulation of a Hybrid leg structure of a Novel Quadruped Robot | 2016 INTERNATIONAL CONFERENCE ON MECHANICS DESIGN, MANUFACTURING AND AUTOMATION (MDM 2016) | 高建设 | 2016 |
| 59 | Lightweight research of monocoque city bus body frame | Proceedings of 2016 6th International Conference on Information Technology for Manufacturing Systems | 朱强、李晓妹+ | 2016 |
| 60 | Numerical and experimental study for damage characterization of composite laminates subjected to low-velocity impact | Materials Physics and Mechanics | 杜江涛+、铁瑛、李成 | 2016 |
| 61 | Piezoelectric-Conductor Iterative Method for Fracture Analysis of Piezoelectric Semiconductors via the Finite Element Method | Engineering Fracture Mechanics | 范翠英、闫阳+、徐广涛、赵明皞 | 2016 |
| 62 | Pre-tension analysis of the tractor anchor wire in anchorage construction | Advance in Engineering Materials and Applied Mechanics | 刘竹丽、马朋朋+、周浩+ | 2016 |
| 63 | Research on Equipment Fault Prediction Method Based on Full Vector Spectrum | The 29th International Congress on Condition Monitoring and Diagnostic Engineering Management | 陈磊、韩捷、雷文平、李凌均、王丽雅 | 2016 |
| 64 | Research on the Type of Automobile Controlling Device and Its Ergonomic Design Parameters | HCI International 2016 – Posters' Extended Abstracts - 18th International Conference, HCI International 2016 Proceedings | 刘司媛+、李银霞 | 2016 |
| 65 | Simulation and Experiment on the Serial-parallel Leg of a Novel Quadruped Walking | 2016 IEEE International Conference on | 高建设、王玉闯+、刘德平、左伟龙+ | 2016 |

| | Robot | Mechatronics and Automation | | |
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| 66 | Singularity Analysis of Planar Cracks in Three-dimensional Piezoelectric Semiconductors via Extended Displacement Discontinuity Boundary Integral Equation Method | Engineering Analysis with Boundary Elements | 赵明皞、李圆+、闫阳+、范翠英 | 2016 |
| 67 | Static analysis on the serial-parallel leg of a novel quadruped walking robot | International Conference on Design, Manufacturing and Mechatronics | 高建设、李明祥+ | 2016 |
| 68 | Study of usability evaluation on display interface for intelligent electric cooker | Design, User Experience, and Usability: Technological Contexts - 5th International Conference, DUXU 2016 Held as Part of HCI International 2016, Proceedings | 姚艳龙+、李银霞 | 2016 |
| 69 | Study on wax deposition model of the oil treated by magnetic field | International Conference on Energy Equipment Science and Engineering, ICEESE 2015 | 张伟伟、段玥晨、张三川 | 2016 |
| 70 | Temperature and displacement discontinuity boundary element method for analysis of cracks in three-dimensional isotropic thermoelastic media | International Journal of Computational Methods and Experimental Measurements | 赵明皞、党华阳+、李圆+、范翠英、徐广涛 | 2016 |
| 71 | The effect of the planet's number on dynamic characteristics of planetary gear systems | 重庆大学学报.英文版 | 王立新、吴双马+、刘军辉+ | 2016 |
| 72 | Thickness-shear vibration characteristics of an AT-cut quartz resonator with rectangular ring electrodes | International Journal of Applied Electromagnetics and Mechanics | 时俊杰+、范翠英、赵明皞、杨嘉实* | 2016 |

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| 73 | Vibration Signal Separating Method of Dual-rotor System with Slight Rotating Speed Difference Based on Spectrum Correction | The 29 th International Congress on Condition Monitoring and Diagnostic Engineering Management (COMADEM 2016) | 雷文平、韩捷、陈磊 | 2016 |
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| 75 | A NEW DISCOVERY OF BENDING BEHAVIORS OF LOW-DIMENSIONAL PIEZOELECTRIC MATERIALS | IEEE Xplore | 贾俊楠+、赵明皞、范翠英、徐广涛 | 2015 |
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| 77 | A research on the mounted configuration of end-effector for robotic drilling | ROBOTICA | 梁杰 | 2015 |
| 78 | An improved genetic algorithm in path planning for mobile robot | Advances in Engineering Research | 刘广瑞、田欣+、周文博+、郭珂甫+ | 2015 |
| 79 | Analysis of a nonlinear crack in a piezoelectric half-space via displacement discontinuity method | International Journal of Fracture | 张巧云+、赵明皞、潘尔年、范翠英 | 2015 |
| 80 | Analysis of multi-direction low-frequency vibration energy harvester using diamagnetic levitation | International Journal of Applied Electromagnetics and Mechanics | Zhitong Ye (叶志通)+、段智勇、苏六帅+、*、苏宇锋 | 2015 |
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| 82 | Application of Arc sensor and Ultrasonic sensor Information Fusion in Welding | Advances in Engineering Research | 刘广瑞、周文博+、田欣+、郭珂甫+ | 2015 |
| 83 | Application of Laser Technology in Almen | Int. J. Sensing, Computing & Control | 赵华东 | 2015 |

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| | Instrument for Shot Peening Intensity Measurement | | | |
| 84 | Correlation Modeling Between Process Condition of Sandblasting and Surface Texture: A Multi-Scale Approach | Scanning | 何声馨、MAXENCE BIGERELLE*、RENALD VINCENT*、RAPHAEL DELTOMB* | 2015 |
| 85 | Fabrication and Characterization of Cross-Connected Microchannel Porous Mesh Plates(CCMPMPs) by Multi-Cutter Milling | MATERIALS AND MANUFACTURING PROCESSES | 贺占蜀、李大磊 | 2015 |
| 86 | FRACTURE ANALYSIS OF AN EDGE-CRACKED DIELECTRIC PLATE VIA NOVEL BOUNDARY INTEGRAL EQUATION METHOD | IEEE Xplore | 王世博+、郭亚光+、赵明峰、范翠英 | 2015 |
| 87 | Impact Dynamics of Flexible Multibody System Based on Continuous Contact Force Method | Applied Mechanics and Materials | 段玥晨、李霞、张伟伟、刘国宁、王婷婷 | 2015 |
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| 90 | Microstructural Investigation of CNT-Metal Bonding Behavior through Computational Simulations | Journal of Nano Research | 赵华东 | 2015 |
| 91 | Modal Identification Using OMA Techniques: Nonlinearity Effect | Shock and Vibration | 张二亮、Rik Pintelon*、Patrick Guillaume* | 2015 |
| 92 | Normal Impact Dynamics of Flexible Mechanism | Proceedings of 2015 International Conference on Mechanics and Control Engineering | 段玥晨、张伟伟、李霞、王婷婷 | 2015 |
| 93 | Optimal Dimensional Synthesis of a Symmetrical five-Bar Planar | Chinese Journal of Mechanical Engineering | 高建设、李明祥+、ALLISON Garry*、CUI Lei* | 2015 |
| 94 | Polishing of CVD Diamond Films in Vacuum | Manufacturing Technology | 马泳涛、李延民、贺占蜀 | 2015 |

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| 95 | Progressive Damage Finite Element Analysis of Composite Laminates Repaired by Pinned Patches | International Journal for Computational Methods in Engineering Science and Mechanics | 铁瑛 | 2015 |
| 96 | Research on the cracking of the thick steel plate in the bending process | WCICA 2014 | 王栋、徐科飞+、江志强+、李荣鑫+、张晓晴+、张银霞、覃寿同 | 2015 |
| 97 | Research on the intelligent annotation technology of geometrical tolerance based on Geometrical Product Specification (GPS) | Procedia CIRP | 赵凤霞、张琳娜、郑鹏 | 2015 |
| 98 | Rheological properties of silly SP in Shock Transmission Application | Journal of Materials in Civil Engineering | 梁杰、张兴华 | 2015 |
| 99 | Static deformation of a spherically anisotropic and multilayered magneto-electro-elastic hollow sphere | International Journal of Solids & Structures | 陈江义、潘尔年、P.R. Heyliger* | 2015 |
| 100 | Study on the mechanism of magnetic paraffin control of crude oil based on the reorientation of paraffin crystals induced by magnetic field | Applied Mechanics and Materials | 张伟伟、王丹丹+、王婷婷、张三川 | 2015 |
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| 102 | THE STUDY ON THE PLANETARY GEAR DYNAMIC CHARACTERISTICS CONSIDERING DAMPING AND GYROSCOPIC EFFECTS | EME2015 | 王立新、吴双马+、刘军辉+ | 2015 |
| 103 | Trapped thickness-shear modes in a contoured, partially electroded AT-cut quartz resonator | THE EUROPEAN | 时俊杰+、范翠英、赵明皞、杨嘉实+ | 2015 |

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| 104 | Variational analysis of thickness-shear vibrations of a quartz piezoelectric plate with two pairs of electrodes as an acoustic wave filter | International Journal of Applied Electromagnetics and Mechanics | 时俊杰+、范翠英、赵明皞、杨嘉实+ | 2015 |
| 105 | A nonlinear bilayer beam model for interfacial crack in dielectric bimetals under mechanical/electrical loading | International Journal of Fracture | 赵明皞、刘海涛+、范翠英、潘尔年、Zhang Tong-Yi* | 2014 |
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| 110 | Computational study on bonding of carbon nanotubes onto metallic substrates | MICROSYST TECHNOL. | 宋晓辉*、赵华东 | 2014 |
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| 118 | Feasibility of porous copper fiber sintered sheets (PCFSSs) in a plate heat exchanger for enhancing heat transfer | Journal of Enhanced Heat Transfer | 贺占蜀、李大磊 | 2014 |
| 119 | Floating ring balance analysis of journal floating ring bearing in turbulent regime | Applied Mechanics and Material | 郭红、张绍林 | 2014 |
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| 121 | Fundamental solutions and numerical method for the polarization saturation (PS) model of an elliptical crack in a transversely isotropic piezoelectric medium | Engineering Fracture Mechanics | 赵明皞、张巧云+、潘尔年、范翠英 | 2014 |
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| 123 | Green's Functions and Extended Displacement Discontinuity Method for Interfacial Cracks in 3D Transversely Isotropic Magneto-electro-elastic Bi-materials | International Journal of Solids and Structures | Zhao Yanfei*、赵明皞、潘尔年、范翠英 | 2014 |
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| 129 | Powertrain simulation research of coaxial series-parallel hybrid electric bus | Advanced materials Research | 裴东杰、秦东晨 | 2014 |
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