

序号	论文名称	刊物名称	DOI号/ 年、卷、 期、页	SCI/ EI/ 其他 论文 / 会议 论文	论文作者
1	3D superelastic graphene aerogel-nanosheet hybrid hierarchical nanostructures as	CARBON	10.1016/ j.carbon. 2017.11. 037	SCI	Zhang, Qiangqiang; Wang, Yu; Zhang, Baoqiang; Zhao, Keren; He, Pingge; Huang, Boyun
2	Three-Dimensional Printing Hollow Polymer Template-Mediated Graphene Lattices with Tailorable Architectures and Multifunctional Properties	ACS NANO	10.1021/ acsnano. 7b06095	SCI	Zhang, Qiangqiang; Zhang, Feng; Xu, Xiang; Zhou, Chi; Lin, Dong
3	Quantifying the large-scale electrification equilibrium effects in dust storms using field observations at Qingtu Lake Observatory	ATMOSPHERIC CHEMISTRY AND PHYSICS	10.5194/ acp-18-1 7087-20 18	SCI	Zhang, Huan; Zheng, Xiaojing
4	A simultaneous space-time wavelet method for nonlinear initial boundary value problems	APPLIED MATHEMATICS AND MECHANICS-ENG LISH EDITION	10.1007/ s10483-0 18-2384- 6	SCI	Wang, JZ; Zhang, L; Zhou, YH
5	Effects of Shape and Rotation of Sand Particles in Saltation	JOURNAL OF GEOPHYSICAL RESEARCH-ATMO SPHERES	10.1029/ 2017JD0 27905	SCI	Dun, H. C.; Huang, N.;Zhang, J.;He, W.
6	Effect of packing fraction on dynamic characteristics of granular materials under oblique impact	POWDER TECHNOLOGY	10.1016/ j.powtec. 2018.07. 099	SCI	Ye, XY; Wang, DM; Zheng, XJ
7	Mechanical properties of soil reinforced with	CONSTRUCTION AND BUILDING	10.1016/ j.conbuil	SCI	Wei, Li; Chai, Shou Xi; Zhang, Hu Yuan;

	both lime and four kinds of fiber	MATERIALS	dmat.20 18.03.24 8		Shi, Qian
8	Consolidation effect of composite materials on earthen sites	CONSTRUCTION AND BUILDING MATERIALS	10.1016/ j.conbuil dmat.20 18.07.23 9	SCI	Chen, Wenwu; Zhang, Yingmin; Zhang, Jingke; Dai, Pengfei
9	A nonlinear magneto-mechanical-thermal-electric coupling model of Terfenol-D/PZT/Terfenol-D and Ni/PZT/Ni laminates	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	10.1016/ j.jmmm. 2018.06. 079	SCI	Han, Jian; Zhang, Juanjuan; Gao, Yuanwen
10	A high-order accurate wavelet method for solving Schrodinger equations with general nonlinearity	APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION	10.1007/ s10483-0 18-2299- 6	SCI	Wang, Jiaqun; Liu, Xiaojing; Zhou, Youhe
11	Effects of heating on compositional, structural, and physicochemical properties of loess under laboratory conditions	APPLIED CLAY SCIENCE	10.1016/ j.clay.20 17.11.02 2	SCI	Zhang, Fanyu; Kong, Ran; Peng, Jianbing
12	Development of a testing methodology for the design and quality control of carbon fiber reinforced polymer (CFRP) anchors	CONSTRUCTION AND BUILDING MATERIALS	10.1016/ j.conbuil dmat.20 17.12.19 2	SCI	Sun, Wei
13	Tuning mechanical response in granular layers by adding rigid particle channel	POWDER TECHNOLOGY	10.1016/ j.powtec. 2018.01. 049	SCI	Wang, Dengming; Du, Wei; Wu, Yesheng
14	Stress analysis in high-temperature superconductors under pulsed field magnetization	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	10.1088/ 1361-66 68/aaafa a	SCI	Wu, Haowei; Yong, Huadong; Zhou, Youhe

15	Numerical simulation on thermoelectric and mechanical performance of annular thermoelectric generator	ENERGY	10.1016/j.energy.2018.02.124	SCI	Fan, Shifa; Gao, Yuanwen
16	Numerical simulation of the electro-thermo-mechanical behaviors of a high-temperature superconducting cable	COMPOSITE STRUCTURES	10.1016/j.compstr.2018.03.057	SCI	Ta, Wurui; Gao, Yuanwen
17	Impacts of configurations on the strength of FRP anchors	COMPOSITE STRUCTURES	10.1016/j.compstr.2018.04.020	SCI	Sun, Wei; Liu, Haifeng; Wang, Yajun; He, Tao
18	Analysis of torsional deformation-induced degeneration of critical current of Bi-2223 HTS composite tapes	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	10.1016/j.ijmecsci.2018.04.029	SCI	Gao, Peifeng; Wang, Xingzhe
19	A study on the effect of the salt content on the solidification of sulfate saline soil solidified with an alkali-activated geopolymer	CONSTRUCTION AND BUILDING MATERIALS	10.1016/j.conbuil.2018.05.013	SCI	Lv, Qingfeng; Jiang, Lusha; Ma, Bo; Zhao, Benhai; Huo, Zhensheng
20	Characteristics of Turbulent Aeolian Sand Movement Over Straw Checkerboard Barriers and Formation Mechanisms of Their Internal Erosion Form	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	10.1029/2017JD027786	SCI	Xu, Bin; Zhang, Jie; Huang, Ning; Gong, Kang; Liu, Yusheng
21	A Snow Distribution Model Based on Snowfall and Snow Drifting Simulations in Mountain Area	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	10.1029/2018JD028434	SCI	Li, G.; Wang, Z. S.; Huang, N.
22	Mechanical behavior in superconducting composite wires	EUROPEAN JOURNAL OF MECHANICS	10.1016/j.euromechsol.20	SCI	Yang, Yu; Yong, Huadong; Zhou, Youhe

		A-SOLIDS	18.02.016		
23	Trend and spatiotemporal distribution of fatal landslides triggered by non-seismic effects in China	LANDSLIDES	10.1007/s10346-018-1007-z	SCI	Zhang, Fanyu; Huang, Xiaowei
24	A new model to determine the thermal conductivity of fine-grained soils	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	10.1016/j.ijheatmasstransfer.2018.02.035	SCI	Bi, Jun; Zhang, Mingyi; Chen, Wenwu; Lu, Jianguo; Lai, Yuanming
25	Thermal stability and mechanical behavior in no-insulation high-temperature superconducting pancake coils	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	10.1088/1361-6668/aad00c	SCI	Liu, Donghui; Zhang, Weiwei; Yong, Huadong; Zhou, Youhe
26	A study on velocity of aeolian sand particles over leeward slope by particle image velocimetry	GEOMORPHOLOGY	10.1016/j.geomorph.2018.05.024	SCI	Sun, Wenhai; Huang, Ning
27	Collapse behavior and microstructural alteration of remolded loess under graded wetting tests	ENGINEERING GEOLOGY	10.1016/j.enggeo.2017.11.025	SCI	Shao, Xianxian; Zhang, Huyuan; Tan, Yu
28	Fluoroalkyl-silane-modified 3D graphene foam with improved Joule-heating effects and high hydrophobicity-derived anti-icing properties	JOURNAL OF MATERIALS SCIENCE	10.1007/s10853-017-1536-1	SCI	Zhang, Qiangqiang; Zhang, Baoqiang; Yu, Yikang; Zhao, Keren; He, Pingge; Huang, Boyun
29	Analysis of Bending Waves in Phononic Crystal Beams with Defects	CRYSTALS	10.3390/cryst8010021	SCI	Guo, Yongqiang; Li, Longfei; Chuang, Kuo-Chih
30	Scaling of Wall-Normal Turbulence Intensity and Vertical Eddy Structures in the	BOUNDARY-LAYER METEOROLOGY	10.1007/s10546-017-0306-6	SCI	Yang, Haibo; Bo, Tianli

	Atmospheric Surface Layer				
31	Compacted soil behaviour through changes of density, suction, and stiffness of soils with remoulding water content	CANADIAN GEOTECHNICAL JOURNAL	10.1139/cgj-2016-0628	SCI	Zhang, T. W.; Cui, Y. J.; Lamas-Lopez, F.; Calon, N.; D'Aguiar, S. Costa
32	Effect of irrigation-induced densification on the post-failure behavior of loess flowslides occurring on the Heifangtai area, Gansu, China	ENGINEERING GEOLOGY	10.1016/j.enggeo.2017.07.010	SCI	Zhang, Fanyu; Wang, Gonghui
33	Numerical simulation of wind-sand movement in the reversed flow region of a sand dune with a bridge built downstream	EUROPEAN PHYSICAL JOURNAL E	10.1140/epje/i2018-11660-5	SCI	He, Wei; Huang, Ning; Xu, Bin; Wang, Wenbo
34	Experimental investigation and finite element analysis of web-stiffened cold formed lipped channel columns with batten sheets	THIN-WALLED STRUCTURES	10.1016/j.tws.2018.01.006	SCI	Zhou, Xuhong; Chen, Ming
35	Large-scale coherent structures of suspended dust concentration in the neutral atmospheric surface layer: A large-eddy simulation study	PHYSICS OF FLUIDS	10.1063/1.5022089	SCI	Zhang, Yangyue; Hu, Ruifeng; Zheng, Xiaojing
36	Reverberation-Ray Matrix Analysis and Interpretation of Bending Waves in Bi-Coupled Periodic	APPLIED SCIENCES-BASEL	10.3390/app8040531	SCI	Guo, Yongqiang; Guo, Liangteng; Guo, Zhe

	Multi-Component Beams				
37	Stabilization of Loess Using Nano-SiO <sub>2</sub>	MATERIALS	10.3390/ma11061014	SCI	Kong, Ran; Zhang, Fanyu; Wang, Gonghui; Peng, Jianbing
38	Time-variant reliability prediction of bridge system based on BDGCM and SHM data	STRUCTURAL CONTROL & HEALTH MONITORING	10.1002/stc.2185	SCI	Fan, Xue P.; Liu, Yue F.
39	A laboratory experimental study on laser attenuations by dust/sand storms	JOURNAL OF AEROSOL SCIENCE	10.1016/j.jaerosci.2018.04.004	SCI	Zhong, Haichao; Zhou, Jun; Du, Zhixin; Xie, Li
40	Electro-mechanical behavior in arrays of superconducting tapes	JOURNAL OF APPLIED PHYSICS	10.1063/1.5029500	SCI	Yang, Yu; Yong, Huadong; Zhou, Youhe
41	The variation of the vertical electric field (E-z) with height during dust storms and the effects of environmental variables on E-z	GRANULAR MATTER	10.1007/s10035-018-0801-6	SCI	Zhang, Xiaobing; Li, Dongfeng; Bo, Tianli
42	Fracture analysis of bulk superconductors under electromagnetic force	ENGINEERING FRACTURE MECHANICS	10.1016/j.engfracmech.2018.05.024	SCI	Ru, Yanyun; Yong, Huadong; Zhou, Youhe
43	Characteristics and dynamic runout analyses of 1983 Saleshan landslide	ENGINEERING GEOLOGY	10.1016/j.enggeo.2018.07.006	SCI	Kang, Chao; Zhang, Fanyu; Pan, Fazhen; Peng, Jianbing; Wu, Weijiang
44	Electro-mechanical behavior of single twisted high-temperature superconducting tape under transverse Lorentz force	PHYSICS LETTERS A	10.1016/j.physleta.2018.06.001	SCI	Ta, Wurui
45	Effects of Fiber Diameter and Tribotest Conditions on Nonlubricated	TRIBOLOGY TRANSACTIONS	10.1080/10402004.2017.1328548	SCI	Wang, Jun; Zhang, Xingyi; Zhou, Jun; Zhou, You-He

	Frictional Behavior of a Microsized Metal Fiber				
46	Identification of elastic-plastic and phase transition characteristics for relaxor ferroelectric PMN-PT anisotropic single crystals using nanoindentation technique	PHILOSOPHICAL MAGAZINE	10.1080/14786435.2018.1495850	SCI	Jiang, Yixuan; Man, Guian; Wang, Xingzhe; He, Hongliang
47	Erosion-deposition regime formation in granular column collapse over an erodible surface	PHYSICAL REVIEW E	10.1103/PhysRevE.98.052909	SCI	Wu, Yesheng; Li, Pingshan; Wang, Dengming
48	Gap evolution of Lamb wave propagation in magneto-elastic phononic plates with pillars and holes by modulating magnetic field and stress loadings	JOURNAL OF APPLIED PHYSICS	10.1063/1.5040768	SCI	Zhang, Shunzu; Gao, Yuanwen
49	A calibration model on dynamic measurements of nanoparticles endocytosis	EPL	10.1209/0295-5075/124/48002	SCI	Li, Long; Zhang, Udie; Wang, Jizeng
50	Numerical modelling of hydro-mechanical behaviour of ground settlement due to rising water table in loess	NATURAL HAZARDS	10.1007/s11069-018-3385-x	SCI	Xu, Yanrong; Leung, C. F.; Yu, Jian; Chen, Wenwu
51	Transport AC loss in YBCO coated conductor with transverse crack	PHYSICAL SUPERCONDUCTIVITY AND ITS APPLICATIONS	10.1016/j.physc.2018.08.006	SCI	Liu Yong; Zhang Xingyia; Zhou Jun; Zhou You-He
52	The winding mechanical behavior of conductor on round core cables	PHYSICAL SUPERCONDUCTIVITY AND ITS APPLICATIONS	10.1016/j.physc.2018.08.012	SCI	Wang, Keyang; Ta, Wurui; Gao, Yuanwen

53	New Dynamic Prediction Approach for the Reliability Indexes of Bridge Members Based on SHM Data	JOURNAL OF BRIDGE ENGINEERING	10.1061/(ASCE)BE.1943-5592.0001321	SCI	Fan, Xue P.; Liu, Yue F.
54	Loess Soil Stabilization by Means of SiO <sub>2</sub> Nanoparticles	SOIL MECHANICS AND FOUNDATION ENGINEERING	10.1007/s11204-018-9488-2	SCI	Lv, Qingfeng; Chang, Chengrui; Zhao, Benhai; Ma, Bo
55	A Simplified Infiltration Model for Predicting Cumulative Infiltration during Vertical Line Source Irrigation	WATER	10.3390/w10010089	SCI	Fan, Yanwei; Huang, Ning; Gong, Jiaguo; Shao, Xiaoxia; Zhang, Jie; Zhao, Tong
56	Numerical models of delamination behavior in 2G HTS tapes under transverse tension and peel	PHYSICAL C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	10.1016/j.physc.2017.11.012	SCI	Duan, Yujie; Ta, Wurui; Gao, Yuanwen
57	Multiple broadband magnetoelectric response in Terfenol-D/PZT structure	CHINESE PHYSICS B	10.1088/1674-1056/27/2/027702	SCI	Wen, Jian-Biao; Zhang, Juan-Juan; Gao, Yuan-Wen
58	The influence of reservoir filling on a preexisting bank landslide stability	INDIAN JOURNAL OF GEO-MARINE SCIENCES		SCI	Song, Danqing; Liang, Shouyun; Wang, Zhiqiang
59	Effect of surfaces similarity on contact resistance of fractal rough surfaces under cyclic loading	AIP ADVANCES	10.1063/1.5025073	SCI	Gao, Yuanwen; Liu, Limei; Ta, Wurui; Song, Jihua
60	LABORATORY INVESTIGATION OF THE HYDRAULIC PERFORMANCE ON A GEOFILM WITH VARIOUS SIZED FLAWS	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL		SCI	Zhang, Guangwei; Zhang, Huyuan; Yang, Bo; Zhang, Qing; Liu, Ping
61	Comparison study of cable geometries and superconducting tape layouts for	CRYOGENICS	10.1016/j.cryogenics.2018.02.010	SCI	Ta, Wurui; Shao, Tianchong; Gao, Yuanwen



	high-temperature superconductor cables				
62	Morphology of supercooled droplets freezing on solid surfaces	AIP ADVANCES	10.1063/1.5027673	SCI	La, Shiren; Huang, Zhiting; Liu, Cong; Zhang, Xingyi
63	Simulation of Soil Wetting Pattern of Vertical Moistube-Irrigation	WATER	10.3390/w10050601	SCI	Fan, Yan-Wei; Huang, Ning; Zhang, Jie; Zhao, Tong
64	Analysis of substrate curvature and film stress through a reformed mathematical description on mismatch strain	AIP ADVANCES	10.1063/1.5033950	SCI	Mu, Qingsong
65	Mechanical stress analysis during a quench in CLIQ protected 16 T dipole magnets designed for the future circular collider	PHYSICAL C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	10.1016/j.physc.2018.04.003	SCI	Zhao, Junjie; Prioli, Marco; Stenvall, Antti; Salmi, Tiina; Gao, Yuanwen; Caiffi, Barbara; Lorin, Clement; Marinozzi, Vittorio; Farinon, Stefania; Sorbi, Massimo
66	Numerical analysis of seismic wave propagation in fluid-saturated porous multifractured media	APPLIED GEOPHYSICS	10.1007/s11770-018-0679-4	SCI	Guo Gui-Hong; Yan Jian-Ping; Zhang Zhi; Badal, Jose; Cheng Jian-Wu; Shi Shuang-Hu; Ma Ya-Wei
67	Paleo-weathering zone of Cretaceous red mudstone underlying Quaternary loess deposit: a case study on a typical profile	INDIAN JOURNAL OF GEO-MARINE SCIENCES		SCI	Ke, Yutian; Liang, Shouyun; Zhou, Jianji; Jia, Xuemei
68	Frictional Behavior of a Micro-sized Superconducting Fiber in a Low-Temperature Medium: Experimental and Computational	ACTA MECHANICA SINICA	10.1007/s10338-018-0031-9	SCI	La, Shiren; Wang, Jun; Zhang, Xingyi; Zhou, Youhe

	Analysis				
69	Theoretical analysis for the mechanical behavior caused by an electromagnetic cycle in ITER cable-in-conduit conductors	ACTA MECHANICA SINICA	10.1007/s10409-017-0748-6	SCI	Yue, Donghua; Zhang, Xingyi; Zhou, You-He
70	Evaluation of Long-Term Stability of Mogao Grottoes Caves under Enhanced Loading Conditions of Tourists	JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES	10.1061/(ASCE)CF.1943-5509.0001190	SCI	Chen, Wenwu; Guo, Zhiqian; Zhang, Jingke; He, Faguo; Zhang, Lixiang; Guo, Qinglin; Pei, Qiangqiang
71	Quench Detection Criteria for YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> Coils Monitored via a Distributed Temperature Sensor for 77 K Cases	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	10.1109/TASC.2018.2815920	SCI	Zhou, Jun; Chan, Wan Kan; Schwartz, Justin
72	A versatile facility for investigating field-dependent and mechanical properties of superconducting wires and tapes under cryogenic-electro-magnetic multifi elds	REVIEW OF SCIENTIFIC INSTRUMENTS	10.1063/1.5030350	SCI	Wang, Xingzhe; Zhou, Youhe; Guan, Mingzhi; Xin, Canjie
73	Effect of pinning on the vortex motion in superconducting strip	PHYSICAL SUPERCONDUCTIVITY AND ITS APPLICATIONS	10.1016/j.physc.2018.06.005	SCI	Chen, Zhidong; Yong, Huadong; Zhou, Youhe
74	Effect of substrate thickness on interfacial adhesive strength and thermal residual stress of second-generation high-temperature superconducting tape using peel test modeling	CRYOGENICS	10.1016/j.cryogenics.2018.07.008	SCI	Duan, Yujie; Gao, Yuanwen

75	Effect of acid buffering capacity on the remobilization of heavy metals in sewage sludge barrier for tailings	ARCHIVES OF ENVIRONMENTAL PROTECTION	10.24425 /119704	SCI	Chen, Yi; Zhang, Huyuan; Ju, Yuanyuan
76	Amplitude modulation between multi-scale turbulent motions in high-Reynolds-number atmospheric surface layers	JOURNAL OF FLUID MECHANICS	10.1017/ jfm.2018 .906	SCI	Liu, Hongyou; Wang, Guohua; Zheng, Xiaojing
77	A Fiber Model Based on Secondary Development of ABAQUS for Elastic-Plastic Analysis	INTERNATIONAL JOURNAL OF STEEL STRUCTURES	10.1007/ s13296-0 18-0053- 7	SCI	Shi, Yan-Li; Li, Hua-Wei; Wang, Wen-Da; Hou, Chao
78	The Joint Board Cable Foundation Ultimate Pullout Resistance Formula Derivation and Aided Program Design	WIRELESS PERSONAL COMMUNICATIONS	10.1007/ s11277-0 18-5345- x	SCI	Luo, Yiping; Deng, Yongjie; Xue, Guobing; Lu, Xiaochun
79	Study on Thermal Deterioration Simulation Test of Superficial Layer on Rammed	Journal of Hunan University(Natural Sciences)	2018、 45、 3、 149-156	EI	张虎元
80	Stress development in compacted block joints backfilled with bentonite powder in HLW barrier	Chinese Journal of Rock Mechanics and Engineering	2018、 37、 9、 2200-22 08	EI	张虎元
81	Analogy study on evolution of microstructure of earthen monument during natural weathering process	Rock and Soil Mechanics	2018、 39、 11、 4117-41 24	EI	陈毅
82	Research on critical moment of flexural-torsional buckling for steel beam subjected to	China Civil Engineering Journal	2018、 51、 1、 76-90, 99	EI	刘占科

	combined loads				
83	Effect of salt content on compressive strength of solidified sulphate saline soil	Journal of Central South University(Science and Technology	2018、49、3、718-724	EI	吕擎峰
84	Effect of pore water chemistry on hydraulic conductivity of saturated loess	Journal of Engineering Geology and Hydrogeology	2018、47、201-210	EI	张帆宇
85	Physicochemical and mechanical properties of lime-treated loess	Geotechnical and Geological Engineering	2018、36、685-696	EI	张帆宇
86	Engineering behavior and constitutive model of artificial soft clay considering pore water salinity effect	Chinese Journal of Geotechnical Engineering	2018、40、9、1690-1697	EI	张彤炜
87	Influences of anchorage parameters on distribution of shear stress at anchorage interface of rock slopes under earthquakes	Chinese Journal of Geotechnical Engineering	2018、40、11、2111-2119	EI	言志信
88	Dynamic reliability prediction of bridges based on gaussian particle filter with discount	Journal of Tongji University(Natural Science)	2018、46、3、281~288	EI	刘月飞
89	Laboratory study on properties of calcined ginger nuts mixed with earthen sites' soil for grouting materials	Journal of Central South University (Science and Technology)	2018、49、6、1519-1525	EI	湛文武
90	Suction tests on sliding soil in interface landslide based on filter paper method	Chinese Journal of Geotechnical Engineering	2018、40、增1、112-117	EI	湛文武
91	Prediction of coefficient of permeability of unsaturated loess with	Chinese Journal of Geotechnical Engineering	2018、40、增1、22-27	EI	湛文武

	different seepage durations				
92	Mechanical characteristics of loess under seepage shear	Chinese Journal of Engineering	2018、40、5、639-648	EI	谌文武
93	Influence of correction factor on fitting parameters of various types of Van Genuchten model	Rock and Soil Mechanics	2018、39、4、1302-1310	EI	毕骏
94	Influence of dry density on coefficient of permeability of unsaturated loess	Chinese Journal of Geotechnical Engineering	2018、40、增1、165-170	EI	马亚维
95	Experimental study on age properties of fissure grouting material composed of calcined ginger nuts and earthen site soil	Chinese Journal of Rock Mechanics and Engineering	2018、37、1、220-228	EI	张景科