



青藏高原冰冻圈站SCI论文目录

表7.1台站（中心）所属研究人员和研究生发表论著

序号	论著名称	作者	刊物、出版社、会议年、卷、期、页	收录情况
1	Changes of climate and seasonally frozen ground over the past 30 years in Qinghai-Xizang(Tibetan) Plateau, China	Lin Zhao, Chien-Lu Ping, Daqing Yang	Global and Planetary Change 2004 43 19-31	SCI
2	Prediction of permafrost distribution on the Qinghai-Tibet Plateau in the next 50 and 100 years	NAN Zhuotong, LI Shuxun, CHENG Guodong	Science in China, Ser.D, Earth Sciences 2005 48(6)797-804	SCI
3	Cooling effect of ballast revetment on the roadbed of Qinghai-Tibetan Railway	HU Zeyong, CHENG Guodong, QIAN Zeyu	Science in China, Ser.D, Earth Sciences 2004 47 Supp.1 161-167	SCI
4	Using ground-penetrating radar to detect permafrost degradation in the northern limit of permafrost on the Tibetan Plateau	Tonghua Wu, Shuxun Li, Guodong Cheng	Cold regions science and technology 2005 41 211-219	SCI
5	The thermal stability of roadbed in permafrost regions along Qinghai-Tibet Highway	Wang Shaoling, Niu Fujun, Zhao Lin	Cold regions science and technology 2003 37 25-34	SCI
6	<i>Yin-Yang Slope</i> problem along Qinghai-Tibetan Lines and its radiation mechanism	Chen Ji, Hu Zeyong, Dou Shun	Cold Regions Science and Technology 2006 44 217-224	SCI
7	Evaluating model of frozen soil environment change under engineering actions	WU Qingbai, ZHU Yuanlin, LIU Yongzhi	Science in China Ser.D Earth Sciences 2002 45(10) 893-902	SCI
8	Evaluation model of permafrost thermal stability and thawing sensibility under engineering activity	Wu Qingbai, Zhu Yuanlin, Liu Yongzhi	Cold Regions Science and Technology 2002 34 19-30	SCI
9	Interaction study of permafrost and highway along Qinghai-Xizang Highway	WU Qingbai, SHI Bin, LIU Yongzhi	Science in China Ser.D Earth Sciences 2003 46 (2) 97-105	SCI
10	Ground temperature monitoring and its recent change in Qinghai-Tibet Plateau	Wu Qinghai, Liu Yongzhi	Cold Regions Science and Technology 2004 38 85-92	SCI
11	Thermal regime in the embankment of Qinghai-Tibetan Highway in permafrost regions	Sheng Yu, Zhang Jianming, Liu Yongzhi	Cold Regions Science and Technology 2002 35 35-44	SCI
12	Long-term evaluations of	Yu Sheng, Zhi	Cold Regions Science	SCI

	insulated road in the Qinghai-Tibetan plateau	Wen, Wei Ma	and Technology 2006 45 23-30	
13	Offline experiment of land surface processes in Qinghai-Xizang Plateau	ZHANG Yanwu, LÜ Shihua, FENG Qi	Science in China Ser.D Earth Sciences 2004 47 supp.I 115-121	SCI
14	Desertification and its relationship with permafrost degradation in Qinghai-Xizang (Tibet) plateau	Meixue Yang, Shaoling Wang, Tandong Yao	Cold Regions Science and Technology 2004 39 47-53	SCI
15	Surface energy budget and closure of the eastern Tibetan Plateau during the GAME-Tibet IOP 1998	Kenji Tanaka, Ichiro Tamagawa, Hirohiko Ishikawa	Journal of Hydrology 2003 283 169-183	SCI
16	Impact of Tibetan Plateau surface heating field intensity on Northern Hemispherical general circulations and weather and the climate of China	LI Dongliang, JI Guoliang , LÜ Lanzhi	Science in China Ser.D Earth Sciences 2001 44 supp. 390-399	SCI
17	Diurnal and inter-monthly variation of land surface heat fluxes over the central Tibetan Plateau area	Y.Ma, S.Fan, H.Ishikawa	Theoretical and Applied Climatology 2004 22 Dec.	SCI
18	Studies on frozen ground of China	ZHAO Lin, CHENG Guodong,DING Yongjian	Journal of Geographical Sciences 2004 14(4) 411-416	EI
19	敦煌地区大气气溶胶的辐射效应	李韧, 季国良	太阳能学报 2004 25 (3) 320-324	EI
20	从宽谱晴空大气透过率提取气溶胶光学信息	李韧, 季国良, 杨文	太阳能学报 2005 26 (2) 150-156	EI
21	五道梁地区土壤热状况的讨论	李韧, 季国良, 李述训	太阳能学报 2005 26 (3) 299-303	EI
22	40年来藏北高原五道梁地区地表加热场的变化特征	李韧, 杨文, 季国良	太阳能学报 2005 26 (6) 868-873	EI
23	青藏高原有效辐射参数化	李韧, 杨文, 季国良	太阳能学报 2006 27 (3) 274-278	EI
24	藏北高原典型草甸下垫面与HEIFE沙漠区辐射平衡气候学特征对比分析	钱泽雨, 胡泽勇, 杜萍	太阳能学报 2003 24 (4) 453-460	EI
25	干旱地区不同下垫面的辐射收支	季国良 侯旭宏, 吕兰芝	太阳能学报 2004 25 (1) 37-40	EI
26	额济纳绿洲沙尘暴天气下光合有效辐射的基本特征	姚济敏, 高晓清, 冯起	太阳能学报, 2006 27 (5) 484-488	EI
27	人类工程活动下多年冻土热融蚀敏感性评价模型	吴青柏, 朱元林, 刘永智	岩土工程学报 2001 23 (6) 731-735	EI
28	青藏铁路块石路基结构的冷却效果监测分析	吴青柏, 赵世运, 马巍	岩土工程学报 2005 27 (12) 1386-1390	EI
29	桥梁钻孔灌注桩施工中高温冻土地基温度场动态监测与研究	原喜忠, 马巍, 刘永智	岩石力学与工程学报 2005 24 (6) 1052-1055	EI

表7.2研究所其他科研人员依托台站(中心)研究发表论著

序号	论著名称	作者	刊物、出版社、会议年、卷、期、页	收录情况
1	Principle of insulation for permafrost protection	Guodong Cheng, Jianming Zhang, Yu Sheng	Cold Regions Science and Technology 2004 40 71-79	SCI
2	A roadbed cooling approach for	Guodong	Cold Regions Science	SCI

	the construction of Qinghai-Tibet Railway	Cheng	and Technology 2005 42 169-176	
3	The application of auto-temperature-controlled ventilation embankment in Qinghai-Tibet Railway	YU Qihao, CHENG Guodong, NIU Fujun	Science in China Ser.D Earth Sciences 2004 47 supp.I 168-176	SCI
4	Analysis of temperature controlled ventilated embankment	Qihao Yu, Conghui Shi, Fujun Niu	Cold Regions Science and Technology 2005 42 17-24	SCI
5	Monitoring study on technology of the cooling roadbed in permafrost region of Qinghai-Tibet plateau	Wei Ma, Conghui Shi, Qingbai Wu	Cold Regions Science and Technology 2006 44 1-11	SCI
6	Engineering geological characteristics and processes of permafrost along the Qinghai-Xizang(Tibet) Highway	Qingbai Wu,Bin Shi, Hsai-Yang Fang	Engineering Geology 2003 68 387-396	SCI
7	Impact of permafrost change on the Qinghai-Tibet Railroad engineering	WU Qinghai, CHENG Guodong, MA Wei	Science in China Ser.D Earth Sciences 2004 47 Supp.I 122-130	SCI
8	Evaluation of EPS application to embankment of Qinghai-Tibetan railway	Wen Zhi, Sheng Yu, Ma Wei	Cold Regions Science and Technology 2005 41 235-247	SCI
9	Ground-temperature controlling effects of duct-ventilated railway embankment in permafrost regions	NIU Fujun, CHENG Guodong, YU Qihao	Science in China Ser.D Earth Sciences 2004 47 supp.I 152- 160	SCI
10	Engineering-related slope failure in permafrost regions of the Qinghai-Tibet Plateau	Fujun Niu, Guodong Cheng, Wankui Ni	Cold Regions Science and Technology 2005 42 215-225	SCI
11	Field experiment study on effects of duct-ventilated railway embankment on protecting the underlying permafrost	Niu Fujun, Cheng Guodong, Xia Huimin	Cold Regions Science and Technology 2006 in press available online	SCI
12	The temperature features for different ventilated-duct embankments with adjustable shutters in the Qinghai-Tibet railway	Li Guoyu, Li Ning, Quan Xiaojuan	Cold Regions Science and Technology 2006 44 99-110	SCI
13	Soil organic carbon pool of grassland soils on the Qinghai-Tibetan Plateau and its global implication	Wang Genxu, Qian Ju, Cheng Guodong	The Science of the Total Environment 2002 291 207-217	SCI
14	In situ determination of mechanical properties of frozen soils with the pressure meter	Wenbing Yu, Yuanming Lai, Yuanlin Zhu	Cold Regions Science and Technology 2002 34 179-189	SCI
15	Numerical analysis for critical height of railway embankment in permafrost regions of Qinghai-Tibetan plateau	Mingyi Zhang, Jianming Zhang, Yuanming Lai	Cold Regions Science and Technology 2005 41 111-120	SCI
16	A numerical model of the coupled heat transfer for duct-ventilated embankment under wind action in cold regions and its application	Mingyi Zhang, Yuanming Lai, Fujun Niu	Cold Regions Science and Technology 2006 in press available online	SCI

17	The numerical study on the ventilated embankment in permafrost regions in Qinghai-Tibet railway	Su Bo, Li Ning, Quan Xiaojuan	Cold Regions Science and Technology 2004 38 229-238	SCI
18	A new ripraped-rock slope for high temperature permafrost regions	Xiaojuan Quan, Ning Li, Guoyu Li	Cold Regions Science and Technology 2006 45 42-50	SCI
19	自动温控通风路基应用效果分析	俞祁浩, 程国栋, 牛富俊	岩石力学与工程学报 2004 23 (24) 4221-4228	EI
20	青藏铁路建设中动态设计思路及其应用研究	马巍, 程国栋, 吴青柏	岩土工程学报 2004 26 (4) 537-540	EI
21	EPS保温板在青藏铁路中应用的适用性评价数值模拟	温智, 盛煜, 马巍	铁道学报 2005 27 (3) 91-96	EI
22	青藏高原多年冻土区热融滑塌型斜坡失稳研究	牛富俊, 程国栋, 赖远明	岩土工程学报 2004 26 (3) 402-406	EI
23	青藏铁路北麓河试验段路基保温材料处理措施初步分析	盛煜, 温智, 马巍	岩石力学与工程学报 2003 22 (增2) 2659-2663	EI
24	多年冻土区铁路路基阴阳坡面热状况差异分析	盛煜, 马巍, 温智	岩石力学与工程学报 2005 24 (17) 3197-3201	EI
25	通风管、抛碎石和保温材料保护冻土路堤的工程效果分析	吴志坚, 马巍, 盛煜	岩土力学 2005 26 (8) 1288-1293	EI

表7.3 台站（中心）客座人员发表的论著

序号	论著名称	作者	刊物、出版社、会议年、卷、期、页	收录情况
1	Determination of regional net radiation and soil heat flux over a heterogeneous landscape of the Tibetan Plateau	Yaoming Ma, Zhongbo Su, Zhaoliang Li	Hydrological Processes 2002 16 2963-2971	SCI
2	On measuring and remote sensing surface energy partitioning over the Tibetan Plateau?from GAME/Tibet to GAMP/Tibet	Yaoming Ma, Zhongbo Su, Toshio Koike	Physics and Chemistry of the Earth 2003 28 63-74	SCI
3	Remote sensing parameterization of regional net radiation over heterogeneous land surface of Tibetan Plateau and arid area	YAOMING MA	Remote Sensing 2003 24(15) 3137-3148	SCI
4	Regionalization of surface fluxes over heterogeneous landscape of the Tibetan Plateau by using satellite remote sensing data	Yaoming MA, Hirohiko ISHIKAWA, Osamu TSUKAMOTO	Journal of the Meteorological Society of Japan 2003 81(2) 277-293	SCI
5	Determination of regional heat fluxes over heterogeneous land surfaces	Yaoming Ma, Weiqing Ma, Maoshan Li	GIS and Remote Sensing in Hydrology, Water Resources and Environment (Proceedings of ICGRHWE held at the Three Gorges Dam, China, September 2003). IAHS Publ.289, 2004	SCI
6	青藏高原草甸下垫面上的动力学和热力学参数分析	马耀明, ?本修, 王介民	自然科学进展 2001 11 (8) 824-828	SCIE

7	Analysis of aerodynamic and thermodynamic parameters on the grassy marshland surface of Tibetan Plateau	MA Yaoming, TSUKAMOTO Osamu, WANG Jiemin	PROGRESS IN NATURAL SCIENCE 2002 12(1) 36-40	SCIE
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