

长安大学最新 ESI 热点论文、高被引论文收录情况

(数据更新时间为 2018 年 10 月 18 日)

截止到 2018 年 10 月 18 日, 长安大学进入全球前 1%的学科为: Engineering。

在本期 ESI 公布的数据中, 我校有 3 篇论文进入了 ESI 热点论文 (Hot Papers), 其中两篇来自于环境科学与工程学院, 1 篇来自于材料科学与工程学院。有 29 篇论文进入了 ESI 高被引论文, 其中第一作者单位为长安大学的高被引论文 (Highly Cited Papers) 有 21 篇, 分布院系为: 环境科学与工程学院 7 篇、公路学院 4 篇、汽车学院 4 篇、信息工程学院 3 篇、材料科学与工程学院 1 篇、理学院 1 篇、地质工程与测绘学院 1 篇; 长安大学作为合作单位的高被引论文有 8 篇。

本期公布的数据中, 我校 ESI 热点论文与上一期相比, 增加了一篇论文。至此, 2018 年度 5 月、9 月、10 月 ESI 的统计数据表明, 我校 ESI 热点论文每一期都增加一篇。高被引论文与上一期相比, 增加了 2 篇论文, 第一作者单位为长安大学的高被引论文与上一期持平。从 ESI 论文的院系分布来看, 热点论文与前两期相比, 发生了变化, 不再集中于信息学院, 而是分布在了环境科学与工程学院、材料科学与工程学院。环境科学与工程学院发表的高被引论文依然排名前列, 公路学院、汽车学院、信息工程学院、理学院高被引论文数量较为稳定, 地质工程与测绘学

院本期出现了一篇高被引论文。

一、ESI Hot Papers

Title	Authors	Source	Times Cited (ESI)	Times Cited (Web of Science)	Research Fields	Accession Number	Affiliation
EVALUATION OF SHALLOW GROUNDWATER CONTAMINATION AND ASSOCIATED HUMAN HEALTH RISK IN AN ALLUVIAL PLAIN IMPACTED BY AGRICULTURAL AND INDUSTRIAL ACTIVITIES, MID-WEST CHINA	Wu, JH (Wu, Jianhua) ; Sun, ZC (Sun, zhanchao)	EXPOSURE AND HEALTH 2016, 8 (3) : 311-329	70	82	ENVIRONMENT /ECOLOGY	WOS: 000381997600002	Changan Univ, Sch Environm Sci & Engn, 126 Yanta Rd, Xian 710054, Peoples R China
APPRAISING GROUNDWATER QUALITY AND HEALTH RISKS FROM CONTAMINATION IN A SEMIARID REGION OF NORTHWEST CHINA	Li, PY (Li, Peiyue); Li, XY (Li, Xinyan); Meng, XY (Meng, Xiangyi); Li, MN (Li, Mengna); Zhang, YT (Zhang, Yuting)	EXPOSURE AND HEALTH 2016, 8 (3) : 361-379	59	53	ENVIRONMENT /ECOLOGY	WOS: 000381997600005	Changan Univ, Sch Environm Sci & Engn, Key Lab Subsurface Hydrol & Ecol Effects Arid Reg, Minist Educ, 126 Yanta Rd, Xian 710054, Shaanxi,

							Peoples R China
IMPROVING CRACKING RESISTANCE OF CEMENT MORTAR BY THERMO-SENSITIVE POLY N-ISOPROPYL ACRYLAMIDE (PNIPAM) GELS	Wang, ZJ (Wang, Zhenjun); Wu, JY (Wu, Jiayu); Zhao, P (Zhao, Peng); Dai, N (Dai, Nan); Zhai, ZW (Zhai, Zhiwei); Ai, T (Ai, Tao)	JOURNAL OF CLEANER PRODUCTION, 2018,176:1292-1303	4	8	ENGINEERING	WOS: 000423648000113	Changan Univ, Sch Mat Sci & Engn, Xian 710061, Shaanxi, Peoples R China

二、ESI Highly Cited Papers(1st author)

Title	Authors	source	Times Cited (ESI)	Times Cited (Web of Science)	Research Fields	Accession Number	Affiliation
COMBUSTION AND PERFORMANCE EVALUATION OF A DIESEL ENGINE FUELED WITH BIODIESEL PRODUCED FROM SOYBEAN CRUDE OIL	Qi, DH (Qi, D. H.); Geng, LM (Geng, L. M.); Chen, H	RENEWABLE ENERGY, 2009, 34 (12) : 2706-2713	152	191	ENGINEERING	WOS:0002697113 00022	Changan Univ, Sch Automobile, Xian 710064, Peoples R

	(Chen, H.); Bian, YZ (Bian, Y. Zh.); Liu, J (Liu, J.); Ren, XC (Ren, X. Ch.)						China
EXPERIMENTAL STUDIES ON THE COMBUSTION CHARACTERISTICS AND PERFORMANCE OF A DIRECT INJECTION ENGINE FUELED WITH BIODIESEL/DIESEL BLENDS	Qi, DH (Qi, D. H.); Chen, H (Chen, H.); Geng, LM (Geng, L. M.); Bian, YZ (Bian, Y. Zh.)	ENERG CONV MANAGE, 2010, 51 (12): 2985-2992	131	173	ENGINEERING	WOS:0002813397 00070	Changan Univ, Sch Automobile, Xian 710064, Peoples R China
PERFORMANCE AND COMBUSTION CHARACTERISTICS OF BIODIESEL-DIESEL-METHANOL BLEND FUELLED ENGINE	Qi, DH (Qi, D. H.); Chen, H (Chen, H.); Geng, LM (Geng, L. M.); Bian, YZ (Bian, Y. Zh.); Ren, XC (Ren, X. Ch)	APPL ENERG, 2010, 87 (5): 1679-1686	113	132	ENGINEERING	WOS: 000274943400022	Changan Univ, Sch Automobile, Xian 710064, Peoples R China
BUILDING A NEW AND SUSTAINABLE	Li, PY	ENVIRONMENTAL	75	92	ENVIRONMENT	WOS:	Changan Univ,

SILK ROAD ECONOMIC BELT	(Li, Peiyue); Qian, H (Qian, Hui); Howard, KWF (Howard, Ken W.F.); Wu, JH (Wu, Jianhua)	EARTH SCIENCES, 2015, 74 (10) : 7267-7270			/ECOLOGY	000362903400023	Sch Environm Sci & Engn, 126 Yanta Rd, Xian 710054, Peoples R China
EVALUATION OF SHALLOW GROUNDWATER CONTAMINATION AND ASSOCIATED HUMAN HEALTH RISK IN AN ALLUVIAL PLAIN IMPACTED BY AGRICULTURAL AND INDUSTRIAL ACTIVITIES, MID-WEST CHINA	Wu, JH (Wu, Jianhua) ; Sun, ZC (Sun, Zhan chao)	EXPOSURE AND HEALTH, 2016, 8 (3) : 311-329	70	82	ENVIRONMENT /ECOLOGY	WOS: 000381997600002	Changan Univ, Sch Environm Sci & Engn, 126 Yanta Rd, Xian 710054, Peoples R China
APPRAISING GROUNDWATER QUALITY AND HEALTH RISKS FROM CONTAMINATION IN A SEMIARID REGION OF NORTHWEST CHINA	EXPOSURE AND HEALTH, 2016, 8 (3) : 361-379	EXPO HEALTH, 2016, 8 (3): 311-329	59	53	ENVIRONMENT /ECOLOGY	WOS: 000381997600005	Changan Univ, Sch Environm Sci & Engn, 126 Yanta Rd, Xian 710054, Peoples R China
HYDROCHEMICAL APPRAISAL OF GROUNDWATER QUALITY FOR DRINKING AND IRRIGATION PURPOSES AND THE MAJOR	Li, PY (Li, Peiyue); Wu, JH (Wu, Jianhua) ;	ARABIAN JOURNAL OF GEOSCIENCES, 2016, 9 (1) .	46	53	GEOSCIENCES	WOS: 000369322200015	Changan Univ, Sch Environm Sci & Engn, Xian 710054,

INFLUENCING FACTORS: A CASE STUDY IN AND AROUND HUA COUNTY, CHINA	Qian, H (Qian, Hui)						Peoples R China; Changan Univ, Key Lab Subsurface Hydrol & Ecol Effects Arid Reg, Minist Educ, Xian 710054, Peoples R China
FOUR STAGES SYMMETRIC TWO-STEP P-STABLE METHOD WITH VANISHED PHASE-LAG AND ITS FIRST, SECOND, THIRD AND FOURTH DERIVATIVES	Hui, F (Hui, Fei); Simos, TE (Simos, Theodore E)	APPLIED AND COMPUTATIONAL MATHEMATICS, 2016, 15(2): 220-238	33	56	MATHEMATICS	WOS: 000378971700008	Changan Univ, Sch Informat Engn, Xian, Peoples R China.
A HIGH-ORDER TWO-STEP PHASE-FITTED METHOD FOR THE NUMERICAL SOLUTION OF THE SCHRODINGER EQUATION	Zhang, W (Zhang, Wei); Simos, TE (Simos, T. E.)	MEDITERRANEAN JOURNAL OF MATHEMATICS, 2016, 13 (6) : 5177-5194	31	51	MATHEMATICS	WOS: 000387090000085	Changan Univ, Sch Informat Engn, Xian 710064, Peoples R China.
INVESTIGATION PROGRESSES AND APPLICATIONS OF FRACTIONAL DERIVATIVE MODEL IN GEOTECHNICAL ENGINEERING	Lai, JX (Lai, Jinxing); Mao, S (Mao, Sheng); Qiu, JL	MATHEMATICAL PROBLEMS IN ENGINEERING, 2016.	28	42	ENGINEERING	WOS: 000376141900001	Changan Univ, Sch Highway, Xian 710064, Peoples R China.

	(Qiu, Junling); Fan, HB (Fan, Haobo); Zhang, Q (Zhang, Qian); Hu, ZN (Hu, Zhinan); Chen, JX (Chen, Jianxun)						
BENDING AND BUCKLING OF NONLOCAL STRAIN GRADIENT ELASTIC BEAMS	Xu, XJ (Xu, Xiao-Jian); Wang, XC (Wang, Xuan-Cang); Zheng, ML (Zheng, Mu-Lian); Ma, Z (Ma, Zheng)	COMPOSITE STRUCTURES2017, 160: 366-377.	28	35	ENGINEERING	WOS: 000390470300032	Changan Univ, Sch Highway, Minist Educ, Key Lab Special Area Highway Engn, Xian 710064, Peoples R China.
GLOBAL ASYMPTOTIC STABILITY OF CNNS WITH IMPULSES AND MULTI-PROPORTIONAL DELAYS	Song, XL (Song,Xueli); Zhao, P (Zhao Pan); Xing, ZW (Xing, Zhiwei); Peng, JG	MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2016, 39 (4) : 722-733	17	20	MATHEMATICS	WOS: 000370234600010	Changan Univ, Dept Math & Informat Sci, 126 Middle,Erhuann an Rd, Xian 710064, Peoples

	(Peng Jigen)						R China.
FINDING HARMONY BETWEEN THE ENVIRONMENT AND HUMANITY: AN INTRODUCTION TO THE THEMATIC ISSUE OF THE SILK ROAD	Li, PY (Li, Peiyue); Qian, H (Qian, Hui), Zhou, WF (Zhou, Wanfang)	ENVIRONMENTAL EARTH SCIENCES, 2017, 76 (3)	14	18	ENVIRONMENT /ECOLOGY	WOS:0003930218 00008	Changan Univ, Key Lab Subsurface Hydrol & Ecol Effects Arid Reg, Minist Educ, 126 Yanta Rd, Xian 710054, Peoples R China.
SIMULATION OF COMBINED CONDUCTIVE, CONVECTIVE AND RADIATIVE HEAT TRANSFER IN MOVING IRREGULAR POROUS FINS BY SPECTRAL ELEMENT METHOD	Ma, J (Ma, Jing); Sun, YS (Sun, Yasong); Li, BW (Li, Benwen)	INTERNATIONAL JOURNAL OF THERMAL SCIENCES, 2017, 118: 475-487	14	18	ENGINEERING	WOS: 000403855000035	Changan Univ, Sch Automobile, Key Lab Shaanxi Prov Dev & Applicat New Transport, Xian 710064, Peoples R China.
EVALUATION OF ASPHALT-AGGREGATE INTERACTION BASED ON THE RHEOLOGICAL PROPERTIES	Zhang, JP (Zhang, Jiupeng); Fan, ZP (Fan, Zepeng); Hu, DL	INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, 2018, 19(7): 586-592	12	20	ENGINEERING	WOS: 000432547900003	Changan Univ, Sch Highway, Xian, Shaanxi, Peoples R China.

	(Hu, Dongliang); Hu, Z (Hu, Zhuang); Pei, JZ (Pei, Jianzhong); Kong, WC (Kong, Weichuan)						
A STATE-OF-THE-ART REVIEW OF SUSTAINABLE ENERGY BASED FREEZE PROOF TECHNOLOGY FOR COLD-REGION TUNNELS IN CHINA	Lai, JX (Lai , Jinxing) ; Wang, XL (Wang, Xiuling); Qiu, JL (Qiu, Junling); Zhang, GZ (Zhang, Guozhu); Chen, JX (Chen, Jianxun); Xie, YL (Xie , Yongli) ; Luo, YB (Luo, Yanbin);	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, 2018, 82: 3554-3569	11	19	ENGINEERING	WOS: 000418574800110	Changan Univ, Sch Highway, Middle South 2rd Ring Rd, Xian 710064, Shaanxi, Peoples R China.

<p>CHALLENGES AND PROSPECTS OF SUSTAINABLE GROUNDWATER MANAGEMENT IN AN AGRICULTURAL PLAIN ALONG THE SILK ROAD ECONOMIC BELT, NORTH-WEST CHINA</p>	<p>Chen, J (Chen, Jie); Wu, H (Wu, Hao); Qian, H (Qian, Hui); Li, XY (Li, Xinyan)</p>	<p>INTERNATIONAL JOURNAL OF WATER RESOURCES DEVELOPMENT, 2018, 34 (3) : SI: 354-368</p>	<p>5</p>	<p>7</p>	<p>ENVIRONMENT /ECOLOGY</p>	<p>WOS: 000430045800003</p>	<p>Changan Univ, Key Lab Subsurface Hydrol & Ecol Effect Arid Reg, Minist Educ, Xian, Shaanxi, Peoples R China.</p>
<p>A FINITE DIFFERENCE PAIR WITH IMPROVED PHASE AND STABILITY PROPERTIES</p>	<p>Yan, K (Yan, Ke); Simos, TE (Simos, T. E.)</p>	<p>JOURNAL OF MATHEMATICAL CHEMISTRY, 2018, 56 (1) : 170-192</p>	<p>4</p>	<p>5</p>	<p>CHEMISTRY</p>	<p>WOS: 000419501600009</p>	<p>Changan Univ, Sch Informat Engn, Xian 710064, Shaanxi, Peoples R China.</p>

<p>IMPROVING CRACKING RESISTANCE OF CEMENT MORTAR BY THERMO-SENSITIVE POLY N-ISOPROPYL ACRYLAMIDE (PNIPAM) GELS</p>	<p>Wang, ZJ (Wang, Zhenjun); Wu, JY (Wu, Jiayu); Zhao, P (Zhao, Peng); Dai, N (Dai, Nan); Zhai, ZW (Zhai, Zhiwei); Ai, T (Ai, Tao)</p>	<p>JOURNAL OF CLEANER PRODUCTION, 2018, 176: 1292-1303</p>	<p>4</p>	<p>8</p>	<p>ENGINEERING</p>	<p>WOS: 000423648000113</p>	<p>Changan Univ, Sch Mat Sci & Engn, Xian 710061, Shaanxi, Peoples R China.</p>
<p>DISTRIBUTION AND CHARACTERISTICS OF LANDSLIDE IN LOESS PLATEAU: A CASE STUDY IN SHAANXI PROVINCE</p>	<p>Zhuang, JQ (Zhuang, Jianqi); Peng, JB (Peng, Jianbing); Wang, GH (Wang, Gonghui); Javed, I (Javed, Iqbal); Wang, Y (Wang, Ying); Li, W (Li, Wei)</p>	<p>ENGINEERING GEOLOGY, 2018, 236: SI: 89-96</p>	<p>4</p>	<p>8</p>	<p>GEOSCIENCES</p>	<p>WOS: 000430028000010</p>	<p>Changan Univ, Coll Geol Engn & Surveying, Key Lab Western China Mineral Resources & Geol En, Xian 710054, Shaanxi, Peoples R China.</p>

CONJUNCTIVE USE OF GROUNDWATER AND SURFACE WATER TO REDUCE SOIL SALINIZATION IN THE YINCHUAN PLAIN, NORTH-WEST CHINA	Li, PY (Li, Peiyue); Qian, H (Qian, Hui); Wu, JH (Wu, Jianhua)	INTERNATIONAL JOURNAL OF WATER RESOURCES DEVELOPMENT,20 18, 34 (3) : SI: 337-353	4	5	ENVIRONMENT /ECOLOGY	WOS: 000430045800002	Changan Univ, Sch Environm Sci & Engn, Xian, Shaanxi, Peoples R China.
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三、ESI Highly Cited Papers (other author positions)

Title	Authors	source	Times Cited (ESI)	Times Cited (Web of Science)	Research Fields	Accession Number	Affiliation
MICROWAVE-ASSISTED IN SITU SYNTHESIS OF REDUCED GRAPHENE OXIDE-BIVO4 COMPOSITE PHOTOCATALYSTS AND THEIR ENHANCED PHOTOCATALYTIC PERFORMANCE FOR THE	Yan, Y (Yan, Yan); Sun, SF (Sun, Shaofang); Song, Y (Song, Yang); Yan, X	JOURNAL OF HAZARDOUS MATERIALS, 2013, 250: 106-114	80	94	ENGINEERING	WOS: 000317878400014	Jiangsu Univ, Sch Chem & Chem Engn, Zhenjiang 212013, Peoples R China.

<p>DEGRADATION OF CIPROFLOXACIN</p>	<p>(Yan, Xu); Guan, WS (Guan, Weisheng); Liu, XL (Liu, Xinlin); Shi, WD (Shi, Weidong)</p>						
<p>MICROWAVE SYNTHESIS OF A NOVEL MAGNETIC IMPRINTED TIO2 PHOTOCATALYST WITH EXCELLENT TRANSPARENCY FOR SELECTIVE PHOTODEGRADATION OF ENROFLOXACIN HYDROCHLORIDE RESIDUES SOLUTION</p>	<p>Lu, ZY (Lu, Ziyang); Chen, F (Chen, Fei); He, M (He, Ming); Song, MS (Song, Minshan); Ma, ZF (Ma, Zhongfei); Shi, WD (Shi, Weidong); Yan, YS (Yan, Yongsheng); Lan, JZ (Lan, Jinze); Li, F (Li, Fang); Xiao, P</p>	<p>CHEMICAL ENGINEERING JOURNAL, 2014, 249: 15-26</p>	<p>70</p>	<p>83</p>	<p>ENGINEERING</p>	<p>WOS: 000337554100003</p>	<p>Jiangsu Univ, Sch Environm & Safety Engn, Zhenjiang 212013, Jiangsu, Peoples R China.</p>

	(Xiao, Peng)						
MULTI-SPECTRAL DETECTION	SALIENCY Wang, Q (Wang, Qi); Yan, PK (Yan, Pingkun); Yuan, Y (Yuan, Yuan); Li, XL (Li, Xuelong)	PATTERN RECOGNITION LETTERS, 2013, 34 (1) : SI: 34-41	67	73	ENGINEERING	WOS: 000311927600005	Chinese Acad Sci, Xian Inst Opt & Precis Mech, State Key Lab Transient Opt & Photon, Ctr OPT Imagery Anal & Learning OPTIMAL, Xian 710119, Shaanxi, Peoples R China.
URANIUM AND MOLYBDENUM ISOTOPE EVIDENCE FOR AN EPISODE OF WIDESPREAD OCEAN OXYGENATION DURING THE LATE EDIACARAN PERIOD	Kendall, B (Kendall, Brian); Komiya, T (Komiya, Tsuyoshi); Lyons, TW (Lyons, Timothy W); Bates, SM (Bates, Steve M); 等	GEOCHIMICA ET COSMOCHIMICA ACTA, 2015, 156: 173-193	65	77	GEOSCIENCES	WOS: 000352192100010	Univ Waterloo, Dept Earth & Environm Sci, Waterloo, ON N2L 3G1, Canada.
PREDICATION OF NONLINEAR HEAT TRANSFER IN A	Sun, YS (Sun, Yasong);	NUMERICAL HEAT TRANSFER PART	33	39	ENGINEERING	WOS: 000367347200004	North China Elect Power

<p>CONVECTIVE-RADIATIVE FIN WITH TEMPERATURE-DEPENDENT PROPERTIES BY THE COLLOCATION SPECTRAL METHOD</p>	<p>Ma, J (Ma, Jing); Li, BW (Li, Benwen); Guo, ZX (Guo, Zhixiong)</p>	<p>B-FUNDAMENTALS, 2016, 69 (1) : 68-83</p>					<p>Univ, Beijing Key Lab Multiphase Flow & Heat Transfer L, Beijing, Peoples R China.</p>
<p>SINGLE IMAGE SUPER-RESOLUTION VIA LOCALLY REGULARIZED ANCHORED NEIGHBORHOOD REGRESSION AND NONLOCAL MEANS</p>	<p>Jiang, JJ (Jiang, Junjun); Ma, X (Ma, Xiang); Chen, C (Chen, Chen); Lu, T (Lu, Tao); Wang, ZY (Wang, Zhongyuan); Ma, JY (Ma, Jiayi)</p>	<p>IEEE TRANSACTIONS ON MULTIMEDIA, 2017, 19 (1) : 15-26</p>	<p>18</p>	<p>31</p>	<p>COMPUTER SCIENCE</p>	<p>WOS: 000391475200002</p>	<p>China Univ Geosci, Sch Comp Sci, Wuhan 430074, Peoples R China.</p>
<p>MESOPOROUS MANGANESE OXIDE WITH LARGE SPECIFIC SURFACE AREA FOR HIGH-PERFORMANCE ASYMMETRIC SUPERCAPACITOR WITH ENHANCED CYCLING</p>	<p>Gu., JM (Gu, Jianmin); Fan, XY (Fan, Xiaoyong); Liu, X (Liu, Xin);</p>	<p>CHEMICAL ENGINEERING JOURNAL, 2017, 324: 35-43</p>	<p>14</p>	<p>21</p>	<p>ENGINEERING</p>	<p>WOS: 000406138400005</p>	<p>Yanshan Univ, Sch Environm & Chem Engr, Hebei Key Lab Appl</p>

<p>STABILITY</p>	<p>Li, SH (L, Siheng); Wang, Z (Wang, Zhuang); Tang, SF (Tang, Shoufeng); Yuan, DL (Yuan, Deling)</p>						<p>Chem, Qinhuangdao 066004, Peoples R China.</p>
<p>FLEXIBLE PARTICLE FLOW-FOCUSING IN MICROCHANNEL DRIVEN BY DROPLET-DIRECTED INDUCED-CHARGE ELECTROOSMOSIS</p>	<p>Ren, YK (Ren, Yukun); Liu, XY (Liu, Xianyu); Liu, WY (Liu, Weiyu); Tao, Y (Tao, Ye); Jia, YK (Jia, Yankai); Hou, LK (Hou, Likai); Li, WY (Li, Wenying); Jiang, HY (Jiang, Hongyuan)</p>	<p>ELECTROPHORESIS, 2018, 39 (4) : 597-607</p>	<p>5</p>	<p>6</p>	<p>CHEMISTRY</p>	<p>WOS: 000425018200004</p>	<p>Harbin Inst Technol, Sch Mechatron Engn, West Dazhi St 92, Harbin, Heilongjiang, Peoples R China.</p>