

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 9 月 5 日)

截止到 2018 年 9 月 5 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 2 篇论文进入了 ESI 热点论文 (Hot Papers), 均来自于信息工程学院; 有 27 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 5 篇、汽车学院 4 篇、信息工程学院 3 篇、电子与控制工程学院 1 篇、理学院 1 篇; 长安大学作为合作单位的高被引论文有 6 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。高被引论文与上一期相比, 增加了 3 篇论文, 第一作者单位为长安大学的高被引论文比上一期增加了 2 篇。从论文的院系分布来看, 热点论文依然来自于信息学院, 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、电子与控制工程学院、理学院高被引论文数量较为稳定。

一、ESI Hot Papers

Title	Authors	Source	Times Cited (ESI)	Times Cited (Web of Science)	Research Fields	Accession Number	Affiliation
A HIGH-ORDER TWO-STEP PHASE-FITTED METHOD FOR NUMERICAL SOLUTION OF THE SCHRODINGER EQUATION	ZHANG,W; SIMOS,TE	MEDITERR J MATH 2016,13(6):5177-5194	29	43	MATHEMATICS	WOS:00038709 0000085	Changan Univ, Sch Informat Engn, Xian 710064, Peoples R China
A NEW HIGH ALGEBRAIC ORDER EFFICIENT FINITE DIFFERENCE METHOD FOR THE SOLUTION OF THE SCHRODINGER EQUATION	Dong, Ming; Simos, Theodore E.	FILOMAT 2017,31(15):4999-5012	4	12	MATHEMATICS	WOS:00041611 5500029	Changan Univ, Sch Informat Engn, Xian 710064, 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;GENG, LM;CHEN, H;BIAN, YZ;LIU, J;REN, XC	RENEWABLE ENERGY 34 (12): 2706-2713 DEC 2009	149	188	ENGINEERING	WOS:0002697 11300022	Changan Univ, Sch Automobile, Xian 710064, Peoples R China
EXPERIMENTAL STUDIES ON THE COMBUSTION CHARACTERISTICS AND PERFORMANCE OF A DIRECT	QI, DH;CHEN, H;GENG, LM;BIAN, YZ	ENERG CONV MANAGE 51 (12): 2985-2992 DEC 2010	126	169	ENGINEERING	WOS:0002813 39700070	Changan Univ, Sch Automobile, Xian 710064,

INJECTION ENGINE FUELED WITH BIODIESEL/DIESEL BLENDS							Peoples R China
PERFORMANCE AND COMBUSTION CHARACTERISTICS OF BIODIESEL-DIESEL-METHANOL BLEND FUELLED ENGINE	QI, DH;CHEN, H;GENG, LM;BIAN, YZ;REN, XC	APPL ENERG 87 (5): 1679-1686 MAY 2010	111	132	ENGINEERING	WOS:0002749 43400022	Changan Univ, Sch Automobile, Xian 710064, Peoples R China
MULTI-SPECTRAL SALIENCY DETECTION	WANG, Q;YAN, PK;YUAN, Y;LI, XL	PATTERN RECOGNITION LETT 34 (1): 34-41 SP. ISS. SI JAN 1 2013	66	72	ENGINEERING	WOS:0003119 27600005	Chang'an University, School of Electronic and Control Engineering, Xi'an 710064, Shaanxi, PR China
BUILDING A NEW AND SUSTAINABLE SILK ROAD ECONOMIC BELT	LI, PY;QIAN, H;HOWARD, KWF;WU, JH	ENVIRON EARTH SCI 74 (10): 7267-7270 NOV 2015	65	89	ENVIRONMENT/E COLOGY	WOS:0003629 03400023	Changan Univ, Sch Environm Sci & Engn, Xian 710054, Peoples R China; Changan Univ, Key Lab Subsurface Hydrol & Ecol Effects Arid Reg, Minist Educ,

							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;SUN, ZC	EXPO HEALTH 8 (3): 311-329 SEP 2016	59	80	ENVIRONMENT/E COLOGY	WOS:0003819 97600002	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, XY;MENG, XY;LI, MN;ZHANG, YT	EXPO HEALTH 8 (3): 361-379 SEP 2016	39	48	ENVIRONMENT/E COLOGY	WOS:0003819 97600005	Changan Univ, Sch Environm Sci & Engn, 126 Yanta Rd, Xian 710054, Shaanxi, Peoples R China
HYDROCHEMICAL APPRAISAL OF GROUNDWATER QUALITY FOR DRINKING AND IRRIGATION PURPOSES AND THE MAJOR INFLUENCING FACTORS: A CASE STUDY IN AND AROUND HUA COUNTY, CHINA	LI, PY;WU, JH;QIAN, H	ARAB J GEOSCI 9 (1): - JAN 2016	37	54	GEOSCIENCES	WOS:0003693 22200015	Changan Univ, Sch Environm Sci & Engn, Xian 710054, Peoples R China; Changan Univ, Key Lab Subsurface Hydrol & Ecol Effects Arid Reg, Minist Educ,

							Xian 710054, Peoples R China
HYDROGEOCHEMICAL CHARACTERIZATION OF GROUNDWATER IN AND AROUND A WASTEWATER IRRIGATED FOREST IN THE SOUTHEASTERN EDGE OF THE TENGGER DESERT, NORTHWEST CHINA	LI, PY;WU, JH;QIAN, H;ZHANG, YT;YANG, NA;JING, LJ;YU, PY	EXPO HEALTH 8 (3): 331-348 SEP 2016	32	58	ENVIRONMENT/E COLOGY	WOS:0003819 97600003	Changan Univ, Sch Environm Sci & Engn, Xian 710054, 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;SIMOS, TE	APPL COMPUT MATH 15 (2): 220-238 2016	31	47	MATHEMATICS	WOS:0003789 71700008	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;SIMOS, TE	MEDITERR J MATH 13 (6): 5177-5194 DEC 2016	29	43	MATHEMATICS	WOS:0003870 90000085	Changan Univ, Sch Informat Engn, Xian 710064, Peoples R China
BENDING AND BUCKLING OF NONLOCAL STRAIN GRADIENT	XU, XJ;WANG, XC;ZHENG,	COMPOS STRUCT 160: 366-377 JAN 15	27	33	MATERIALS SCIENCE	WOS:0003904 70300032	Changan Univ, Sch Highway,

ELASTIC BEAMS	ML;MA, Z	2017					Minist Educ, Key Lab Special Area Highway Engn, Xian 710064, Peoples R China
INVESTIGATION PROGRESSES AND APPLICATIONS OF FRACTIONAL DERIVATIVE MODEL IN GEOTECHNICAL ENGINEERING	LAI, JX;MAO, S;QIU, JL;FAN, HB;ZHANG, Q;HU, ZN;CHEN, JX	MATH PROBL ENG : - 2016	26	36	ENGINEERING	WOS:0003761 41900001	Changan Univ, Sch Highway, Xian 710064, Peoples R China
PROGRESS, OPPORTUNITIES, AND KEY FIELDS FOR GROUNDWATER QUALITY RESEARCH UNDER THE IMPACTS OF HUMAN ACTIVITIES IN CHINA WITH A SPECIAL FOCUS ON WESTERN CHINA	LI, PY;TIAN, R;XUE, CY;WU, JH	ENVIRON SCI POLLUT RES 24 (15): 13224-13234 MAY 2017	26	32	ENVIRONMENT/E COLOGY	WOS:0004015 66600006	Changan Univ, Sch Environm Sci & Engn, Xian 710054, Peoples R China; Changan Univ, Key Lab Subsurface Hydrol & Ecol Effects Arid Reg, Minist Educ, Xian 710054, Peoples R China
GLOBAL ASYMPTOTIC STABILITY OF CNNS WITH IMPULSES AND	SONG, XL;ZHAO,	MATH METH APPL SCI 39 (4): 722-733	17	18	MATHEMATICS	WOS:0003702 34600010	Changan Univ, Dept Math &

MULTI-PROPORTIONAL DELAYS	P;XING, ZW;PENG, JG	MAR 2016					Informat Sci, Xian 710064, Peoples R China
SIMULATION OF COMBINED CONDUCTIVE, CONVECTIVE AND RADIATIVE HEAT TRANSFER IN MOVING IRREGULAR POROUS FINS BY SPECTRAL ELEMENT METHOD	MA, J;SUN, YS;LI, BW	INT J THERM SCI 118: 475-487 AUG 2017	13	16	ENGINEERING	WOS:0004038 55000035	Changan Univ, Sch Automobile, Key Lab Shaanxi Prov Dev & Applicat New Transport, Xian 710064, Peoples R China
CHARACTERISTICS OF SEISMIC DISASTERS AND ASEISMIC MEASURES OF TUNNELS IN WENCHUAN EARTHQUAKE	LAI, JX;HE, SY;QIU, JL;CHEN, JX;WANG, LX;WANG, K;WANG, JB	ENVIRON EARTH SCI 76 (2): - JAN 2017	12	18	ENVIRONMENT/E COLOGY	WOS:0003930 21400036	Changan Univ, Sch Highway, Xian 710064, Peoples R China
DEFORMATION AND MECHANICAL MODEL OF TEMPORARY SUPPORT SIDEWALL IN TUNNEL CUTTING PARTIAL SECTION	LUO, YB;CHEN, JX;HUANG, P;TANG, MQ;QIAO, X;LIU, Q	TUNN UNDERGR SPACE TECHNOL,2017,(61) : 40-49.	12	17	ENGINEERING	WOS:0003904 98600004	Changan Univ, Sch Highway, Xian 710064, Peoples R China
A STATE-OF-THE-ART REVIEW OF SUSTAINABLE ENERGY BASED FREEZE PROOF TECHNOLOGY FOR COLD-REGION TUNNELS IN CHINA	LAI, JX;WANG, XL;QIU, JL;ZHANG, GZ;CHEN,	RENEW SUSTAIN ENERGY REV 82: 3554-3569 PART 3 FEB 2018	11	16	ENGINEERING	WOS:0004185 74800110	Changan Univ, Sch Highway, Middle South 2rd Ring Rd,

	JX;XIE, YL;LUO, YB						Xian 710064, Shaanxi, Peoples R China
CHALLENGES AND PROSPECTS OF SUSTAINABLE GROUNDWATER MANAGEMENT IN AN AGRICULTURAL PLAIN ALONG THE SILK ROAD ECONOMIC BELT, NORTH-WEST CHINA	CHEN, J;WU, H;QIAN, H;LI, XY	INT J WATER RESOUR DEV 34 (3): 354-368 SP. ISS. SI 2018	3	7	ENVIRONMENT/ECOLOGY	WOS:000430045800003	Changan Univ, Key Lab Subsurface Hydrol & Ecol Effect Arid Reg, Minist Educ, Xian, Shaanxi, Peoples R China; Changan Univ, Sch Environm Sci & Engr, Xian, Shaanxi, Peoples R China
A FINITE DIFFERENCE PAIR WITH IMPROVED PHASE AND STABILITY PROPERTIES	YAN, K;SIMOS, TE	J MATH CHEM ,2018,56 (1): 170-192	3	6	CHEMISTRY	WOS:000391475200002	Changan Univ, Sch Informat Engr, Xian 710064, Shaanxi, Peoples R China

三、ESI Highly Cited Papers (other author positions)

Title	Authors	source	Times Cited (ESI)	Times Cited (Web of Science)	Research Fields	Accession Number	Affiliation
-------	---------	--------	-------------------	------------------------------	-----------------	------------------	-------------

<p>MICROWAVE-ASSISTED IN SITU SYNTHESIS OF REDUCED GRAPHENE OXIDE-BIVO4 COMPOSITE PHOTOCATALYSTS AND THEIR ENHANCED PHOTOCATALYTIC PERFORMANCE FOR THE DEGRADATION OF CIPROFLOXACIN</p>	<p>YAN, Y;SUN, SF;SONG, Y;YAN, X;GUAN, WS;LIU, XL;SHI, WD</p>	<p>J HAZARD MATER 250: 106-114 APR 15 2013</p>	<p>77</p>	<p>93</p>	<p>ENGINEERING</p>	<p>WOS:00 0317878 400014</p>	<p>Jiangsu Univ, Sch Chem & Chem Engn, Zhenjiang 212013, Peoples R China</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;CHEN, F;HE, M;SONG, MS;MA, ZF;SHI, WD;YAN, YS;LAN, JZ;LI, F;XIAO, P</p>	<p>CHEM ENG J 249: 15-26 AUG 1 2014</p>	<p>63</p>	<p>77</p>	<p>ENGINEERING</p>	<p>WOS:00 0337554 100003</p>	<p>Jiangsu Univ, Sch Environm & Safety Engn, Zhenjiang 212013, Jiangsu, Peoples R China</p>
<p>URANIUM AND MOLYBDENUM ISOTOPE EVIDENCE FOR AN EPISODE OF WIDESPREAD OCEAN OXYGENATION DURING THE LATE EDIACARAN PERIOD</p>	<p>KENDALL, B;KOMIYA, T;LYONS, TW;BATES, SM;GORDON, GW;ROMANIELLO, SJ;JIANG, GQ;CREASER,</p>	<p>GEOCHIM COSMOCHIM ACTA 156: 173-193 MAY 1 2015</p>	<p>62</p>	<p>75</p>	<p>GEOSCIENCES</p>	<p>WOS:00 0352192 100010</p>	<p>Univ Waterloo, Dept Earth & Environm Sci, Waterloo, ON N2L 3G1, Canada</p>

	RA;XIAO, SH;MCFADDEN, K;SAWAKI, Y;TAHATA, M;SHU, DG;HAN, J;LI, Y;CHU, XL;ANBAR, AD						
ADSORPTION OF CADMIUM BY BIOCHAR DERIVED FROM MUNICIPAL SEWAGE SLUDGE: IMPACT FACTORS AND ADSORPTION MECHANISM	CHEN, T;ZHOU, ZY;HAN, R;MENG, RH;WANG, HT;LU, WJ	CHEMOSPHERE,2015, 134: 286-293	52	58	ENVIRONMENT/E COLOGY	WOS:00 0356549 500039	Tsinghua Univ, Sch Environm, Beijing 100084, Peoples R China
PREDICATION OF NONLINEAR HEAT TRANSFER IN A CONVECTIVE-RADIATIVE FIN WITH TEMPERATURE-DEPENDENT PROPERTIES BY THE COLLOCATION SPECTRAL METHOD	SUN, YS;MA, J;LI, BW;GUO, ZX	NUMER HEAT TRANSFER PT B-FUND 69 (1): 68-83 JAN 2 2016	31	36	ENGINEERING	WOS:00 0367347 200004	North China Elect Power Univ, Beijing Key Lab Multiphase Flow & Heat Transfer L, Beijing, Peoples R China
SINGLE IMAGE SUPER-RESOLUTION VIA	JIANG, JJ;MA, X;CHEN, C;LU,	IEEE TRANS MULTIMEDIA,2017,19	14	25	COMPUTER SCIENCE	WOS:00 0391475	China Univ Geosci, Sch

LOCALLY REGULARIZED ANCHORED NEIGHBORHOOD REGRESSION AND NONLOCAL MEANS	T;WANG, ZY;MA, JY	(1): 15-26.				200002	Comp Sci, Wuhan 430074, Peoples R China
--	----------------------	-------------	--	--	--	--------	---

长安大学图书馆