



















根据 ESI 2020 年 3 月 12 日更新数据，浙江工商大学 ESI Top 论文共有 42 篇，其中第一作者机构或通讯作者机构为浙江工商大学的有 22 篇，具体论文情况如下：




Sort By Publication Year Customize Documents 1 - 42 of 42	
<p>1 IMPROVING THE PERFORMANCE OF POLYAMIDE REVERSE OSMOSIS MEMBRANE BY INCORPORATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES</p> <p>By: ZHAO, HY; QIU, S; WU, LG; et.al Source: JOURNAL OF MEMBRANE SCIENCE 450: 249-256 JAN 15 2014 Research Fields: CHEMISTRY</p>	<p>Times Cited: 185</p> <p> Research Front</p>
<p>2 ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM MULBERRY LEAVES</p> <p>By: YING, Z; HAN, XX; LI, JR; Source: FOOD CHEMISTRY 127 (3): 1273-1279 AUG 1 2011 Research Fields: AGRICULTURAL SCIENCES</p>	<p>Times Cited: 172</p>
<p>3 REMOVAL OF 2-MIB AND GEOSMIN USING UV/PERSULFATE: CONTRIBUTIONS OF HYDROXYL AND SULFATE RADICALS</p> <p>By: XIE, PC; MA, J; LIU, W; et.al Source: WATER RESEARCH 69: 223-233 FEB 1 2015 Research Fields: ENVIRONMENT/ECOLOGY</p>	<p>Times Cited: 170</p>
<p>4 ANAEROBIC DIGESTION OF FOOD WASTE FOR VOLATILE FATTY ACIDS (VFAS) PRODUCTION WITH DIFFERENT TYPES OF INOCULUM: EFFECT OF PH</p> <p>By: WANG, K; YIN, J; SHEN, DS; et.al Source: BIORESOURCE TECHNOLOGY 161: 395-401 JUN 2014 Research Fields: BIOLOGY & BIOCHEMISTRY</p>	<p>Times Cited: 161</p>
<p>5 BLOCK-ROW SPARSE MULTIVIEW MULTILABEL LEARNING FOR IMAGE CLASSIFICATION</p> <p>By: ZHU, XF; LI, XL; ZHANG, SC; Source: IEEE TRANSACTIONS ON CYBERNETICS 46 (2): 450-461 SP. ISS. SI FEB 2016 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 145</p> <p> Research Front</p>

6	PREPARATION AND CHARACTERIZATION OF PES-SIO₂ ORGANIC-INORGANIC COMPOSITE ULTRAFILTRATION MEMBRANE FOR RAW WATER PRETREATMENT	Times Cited: 140
	By: SHEN, JN; RUAN, HM; WU, LG; et.al Source: CHEMICAL ENGINEERING JOURNAL 168 (3): 1272-1278 APR 15 2011 Research Fields: ENGINEERING	
7	PREBIOTICS: PRESENT AND FUTURE IN FOOD SCIENCE AND TECHNOLOGY	Times Cited: 138
	By: WANG, YB; Source: FOOD RESEARCH INTERNATIONAL 42 (1): 8-12 JAN 2009 Research Fields: AGRICULTURAL SCIENCES	
8	CHALLENGES AND SOLUTIONS FOR BIOFILTRATION OF HYDROPHOBIC VOLATILE ORGANIC COMPOUNDS	Times Cited: 132
	By: CHENG, Y; HE, HJ; YANG, CP; et.al Source: BIOTECHNOLOGY ADVANCES 34 (6): 1091-1102 NOV 1 2016 Research Fields: BIOLOGY & BIOCHEMISTRY	 Research Front
9	INTUITIONISTIC FUZZY ORDERED WEIGHTED DISTANCE OPERATOR	Times Cited: 130
	By: ZENG, SZ; SU, WH; Source: KNOWLEDGE-BASED SYSTEMS 24 (8): 1224-1232 DEC 2011 Research Fields: COMPUTER SCIENCE	
10	ROBUST JOINT GRAPH SPARSE CODING FOR UNSUPERVISED SPECTRAL FEATURE SELECTION	Times Cited: 124
	By: ZHU, XF; LI, XL; ZHANG, SC; et.al Source: IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS 28 (6): 1263-1275 JUN 2017 Research Fields: COMPUTER SCIENCE	 Research Front
11	THE INFLUENCE OF FOOD TEXTURE AND LIQUID CONSISTENCY MODIFICATION ON SWALLOWING PHYSIOLOGY AND FUNCTION: A SYSTEMATIC REVIEW	Times Cited: 108
	By: STEELE, CM; ALSANEI, WA; AYANIKALATH, S; et.al Source: DYSPHAGIA 30 (1): 2-26 FEB 2015 Research Fields: CLINICAL MEDICINE	 Research Front
12	COATING EFFECTS OF TEA POLYPHENOL AND ROSEMARY EXTRACT COMBINED WITH CHITOSAN ON THE STORAGE QUALITY OF LARGE YELLOW CROAKER (PSEUDOSCIAENA CROCEA)	Times Cited: 105
	By: LI, TT; HU, WZ; LI, JR; et.al Source: FOOD CONTROL 25 (1): 101-106 MAY 2012 Research Fields: AGRICULTURAL SCIENCES	

13	JOINT MODE SELECTION AND RESOURCE ALLOCATION FOR DEVICE-TO-DEVICE COMMUNICATIONS By: YU, GD; XU, LK; FENG, DQ; et.al Source: IEEE TRANSACTIONS ON COMMUNICATIONS 62 (11): 3814-3824 NOV 2014 Research Fields: COMPUTER SCIENCE	Times Cited: 99
14	ROLES OF REACTIVE CHLORINE SPECIES IN TRIMETHOPRIM DEGRADATION IN THE UV/CHLORINE PROCESS: KINETICS AND TRANSFORMATION PATHWAYS By: WU, ZH; FANG, JY; XIANG, YY; et.al Source: WATER RESEARCH 104: 272-282 NOV 1 2016 Research Fields: ENVIRONMENT/ECOLOGY	Times Cited: 83  Research Front
15	SELECTIVE REMOVAL OF HG(II) WITH POLYACRYLONITRILE-2-AMINO-1,3, 4-THIADIAZOLE CHELATING RESIN: BATCH AND COLUMN STUDY By: XIONG, CH; LI, YL; WANG, GT; et.al Source: CHEMICAL ENGINEERING JOURNAL 259: 257-265 JAN 1 2015 Research Fields: ENGINEERING	Times Cited: 80
16	EMPLOYMENT ASSISTANCE POLICIES OF CHINESE GOVERNMENT PLAY POSITIVE ROLES! THE IMPACT OF POST-EARTHQUAKE EMPLOYMENT ASSISTANCE POLICIES ON THE HEALTH-RELATED QUALITY OF LIFE OF CHINESE EARTHQUAKE POPULATIONS By: LIANG, Y; CAO, RX; Source: SOCIAL INDICATORS RESEARCH 120 (3): 835-857 FEB 2015 Research Fields: SOCIAL SCIENCES, GENERAL	Times Cited: 80  Research Front
17	HEALTH-RELATED QUALITY OF LIFE OF CHINESE EARTHQUAKE SURVIVORS: A CASE STUDY OF FIVE HARD-HIT DISASTER COUNTIES IN SICHUAN By: LIANG, Y; CHU, PH; WANG, XK; Source: SOCIAL INDICATORS RESEARCH 119 (2): 943-966 NOV 2014 Research Fields: SOCIAL SCIENCES, GENERAL	Times Cited: 71  Research Front
18	INFLUENCE OF SALINITY ON MICROORGANISMS IN ACTIVATED SLUDGE PROCESSES: A REVIEW By: HE, HJ; CHEN, YJ; LI, X; et.al Source: INTERNATIONAL BIODETERIORATION & BIODEGRADATION 119: 520-527 SP. ISS. SI APR 2017 Research Fields: ENVIRONMENT/ECOLOGY	Times Cited: 65  Research Front
19	DEVELOPMENT OF INTERNATIONAL TERMINOLOGY AND DEFINITIONS FOR TEXTURE-MODIFIED FOODS AND THICKENED FLUIDS USED IN DYSPHAGIA MANAGEMENT: THE IDDSI FRAMEWORK By: CICHERO, JAY; LAM, P; STEELE, CM; et.al Source: DYSPHAGIA 32 (2): 293-314 APR 2017 Research Fields: CLINICAL MEDICINE	Times Cited: 65  Research Front

20	ONE-STEP REMOVAL OF CR(VI) AT ALKALINE PH BY UV/SULFITE PROCESS: REDUCTION TO CR(III) AND IN SITU CR(III) PRECIPITATION	Times Cited: 64
	By: XIE, BH; SHAN, C; XU, Z; et.al Source: CHEMICAL ENGINEERING JOURNAL 308: 791-797 JAN 15 2017 Research Fields: ENGINEERING	
21	JOINT SPECTRUM AND POWER ALLOCATION FOR D2D COMMUNICATIONS UNDERLAYING CELLULAR NETWORKS	Times Cited: 62
	By: YIN, R; ZHONG, CJ; YU, GD; et.al Source: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY 65 (4): 2182-2195 APR 2016 Research Fields: ENGINEERING	
22	INSIGHTS INTO ATRAZINE DEGRADATION BY PERSULFATE ACTIVATION USING COMPOSITE OF NANOSCALE ZERO-VALENT IRON AND GRAPHENE: PERFORMANCES AND MECHANISMS	Times Cited: 57  ESI Hot  Research Front
	By: WU, SH; HE, HJ; LI, X; et.al Source: CHEMICAL ENGINEERING JOURNAL 341: 126-136 JUN 1 2018 Research Fields: ENGINEERING	
23	MICROSTRUCTURE AND PERFORMANCE OF Z-SCHEME PHOTOCATALYST OF SILVER PHOSPHATE MODIFIED BY MWCNTS AND CR-DOPED SRTIO3 FOR MALACHITE GREEN DEGRADATION	Times Cited: 49  Research Front
	By: LIN, Y; WU, SH; LI, X; et.al Source: APPLIED CATALYSIS B-ENVIRONMENTAL 227: 557-570 JUL 5 2018 Research Fields: CHEMISTRY	
24	FABRICATION OF 3D Bi2O3-BiOI HETEROJUNCTION BY A SIMPLE DIPPING METHOD: HIGHLY ENHANCED VISIBLE-LIGHT PHOTOELECTROCATALYTIC ACTIVITY	Times Cited: 47
	By: CONG, YQ; JI, Y; GE, YH; et.al Source: CHEMICAL ENGINEERING JOURNAL 307: 572-582 JAN 1 2017 Research Fields: ENGINEERING	
25	BIOSORPTION OF CD(II) FROM SYNTHETIC WASTEWATER USING DRY BIOFILMS FROM BIOTRICKLING FILTERS	Times Cited: 38  Research Front
	By: HE, HJ; XIANG, ZH; CHEN, XJ; et.al Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY 15 (7): 1491-1500 JUL 2018 Research Fields: ENVIRONMENT/ECOLOGY	
26	EFFECT OF SALINITY ON REMOVAL PERFORMANCE AND ACTIVATED SLUDGE CHARACTERISTICS IN SEQUENCING BATCH REACTORS	Times Cited: 38  Research Front
	By: CHEN, YJ; HE, HJ; LIU, HY; et.al Source: BIORESOURCE TECHNOLOGY 249: 890-899 FEB 2018 Research Fields: BIOLOGY & BIOCHEMISTRY	

27	FOG-BASED STORAGE TECHNOLOGY TO FIGHT WITH CYBER THREAT	Times Cited: 34
	By: WANG, T; ZHOU, JY; HUANG, MZ; et.al Source: FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE 83: 208-218 JUN 2018 Research Fields: COMPUTER SCIENCE	
28	PERFORMANCES AND MECHANISMS OF EFFICIENT DEGRADATION OF ATRAZINE USING PEROXYMONOSULFATE AND FERRATE AS OXIDANTS	Times Cited: 34  Research Front
	By: WU, SH; LI, HR; LI, X; et.al Source: CHEMICAL ENGINEERING JOURNAL 353: 533-541 DEC 1 2018 Research Fields: ENGINEERING	
29	EFFECT OF ZINC IONS ON NUTRIENT REMOVAL AND GROWTH OF LEMNA AERUQUINOTIALIS FROM ANAEROBICALLY DIGESTED SWINE WASTEWATER	Times Cited: 33  Research Front
	By: ZHOU, Q; LIN, Y; LI, X; et.al Source: BIORESOURCE TECHNOLOGY 249: 457-463 FEB 2018 Research Fields: BIOLOGY & BIOCHEMISTRY	
30	MORPHOLOGICAL AND PHYSIOLOGICAL RESPONSES OF PLANTS TO CADMIUM TOXICITY: A REVIEW	Times Cited: 33
	By: HE, SY; YANG, XE; HE, Z; et.al Source: PEDOSPHERE 27 (3): 421-438 SP. ISS. SI JUN 2017 Research Fields: AGRICULTURAL SCIENCES	
31	DEGRADATION OF LIPID REGULATORS BY THE UV/CHLORINE PROCESS: RADICAL MECHANISMS, CHLORINE OXIDE RADICAL (CLO CENTER DOT)-MEDIATED TRANSFORMATION PATHWAYS AND TOXICITY CHANGES	Times Cited: 31  Research Front
	By: KONG, XJ; WU, ZH; REN, ZR; et.al Source: WATER RESEARCH 137: 242-250 JUN 15 2018 Research Fields: ENVIRONMENT/ECOLOGY	
32	A LOW REDUNDANCY DATA COLLECTION SCHEME TO MAXIMIZE LIFETIME USING MATRIX COMPLETION TECHNIQUE	Times Cited: 31  Research Front
	By: TAN, J; LIU, W; XIE, MD; et.al Source: EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING : - JAN 8 2019 Research Fields: COMPUTER SCIENCE	
33	COUPLING RESOURCE MANAGEMENT BASED ON FOG COMPUTING IN SMART CITY SYSTEMS	Times Cited: 13
	By: WANG, T; LIANG, YZ; JIA, WJ; et.al Source: JOURNAL OF NETWORK AND COMPUTER APPLICATIONS 135: 11-19 JUN 1 2019 Research Fields: COMPUTER SCIENCE	

34	UAVS JOINT VEHICLES AS DATA MULES FOR FAST CODES DISSEMINATION FOR EDGE NETWORKING IN SMART CITY By: HU, L; LIU, AF; XIE, MD; et.al Source: PEER-TO-PEER NETWORKING AND APPLICATIONS 12 (6): 1550-1574 SP. ISS. SI NOV 2019 Research Fields: COMPUTER SCIENCE	Times Cited: 12  Research Front
35	PIPELINE SLOT BASED FAST REROUTING SCHEME FOR DELAY OPTIMIZATION IN DUTY CYCLE BASED M2M COMMUNICATIONS By: LI, QY; LIU, AF; WANG, T; et.al Source: PEER-TO-PEER NETWORKING AND APPLICATIONS 12 (6): 1673-1704 SP. ISS. SI NOV 2019 Research Fields: COMPUTER SCIENCE	Times Cited: 11  Research Front
36	FAST AND ACCURATE CLASSIFICATION OF TIME SERIES DATA USING EXTENDED ELM: APPLICATION IN FAULT DIAGNOSIS OF AIR HANDLING UNITS By: YAN, K; JI, ZW; LU, HJ; et.al Source: IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS 49 (7): 1349-1356 JUL 2019 Research Fields: ENGINEERING	Times Cited: 10
37	EFFECTS OF LOW ACYL AND HIGH ACYL GELLAN GUM ON THE THERMAL STABILITY OF PURPLE SWEET POTATO ANTHOCYANINS IN THE PRESENCE OF ASCORBIC ACID By: XU, XJ; FANG, S; LI, YH; et.al Source: FOOD HYDROCOLLOIDS 86: 116-123 SP. ISS. SI JAN 2019 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 8
38	EXTRACTION, CHARACTERIZATION AND FUNCTIONAL PROPERTIES OF SOLUBLE PROTEINS FROM EDIBLE GRASSHOPPER (SCHISTOCERCA GREGARIA) AND HONEY BEE (APIS MELLIFERA) By: MISHYNA, M; MARTINEZ, JJI; CHEN, JS; et.al Source: FOOD RESEARCH INTERNATIONAL 116: 697-706 FEB 2019 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 8  Research Front
39	STRUCTURAL CHARACTERIZATION AND BIOLOGICAL FATE OF LACTOFERRIN-LOADED LIPOSOMES DURING SIMULATED INFANT DIGESTION By: TIAN, MM; HAN, JZ; YE, AQ; et.al Source: JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE 99 (6): 2677-2684 APR 2019 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 7
40	SHEAR AND EXTENSIONAL RHEOLOGICAL CHARACTERIZATION OF THICKENED FLUID FOR DYSPHAGIA MANAGEMENT By: HADDE, EK; CHEN, J; Source: JOURNAL OF FOOD ENGINEERING 245: 18-23 MAR 2019 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 7  Research Front

41 **USE OF PROBIOTICS IN AQUACULTURE OF CHINA-A REVIEW OF THE PAST DECADE**

Times Cited: 6

By: WANG, AR; RAN, C; WANG, YB; et.al

Source: FISH & SHELLFISH IMMUNOLOGY 86: 734-755 MAR 2019

Research Fields: PLANT & ANIMAL SCIENCE

42 **A NEW TEST FOR FUNCTIONAL ONE-WAY ANOVA WITH APPLICATIONS TO ISCHEMIC HEART SCREENING**

Times Cited: 6

By: ZHANG, JT; CHENG, MY; WU, HT; et.al

Source: COMPUTATIONAL STATISTICS & DATA ANALYSIS

132: 3-17 SP. ISS. SI APR 2019

Research Fields: MATHEMATICS

附录：名词解释

- 高被引论文（Highly Cited Paper）：根据同一出版年同一ESI学科统计最近10年发表论文中被引用次数进入世界前1%的论文。
- 热点论文（Hot Paper）：按ESI学科统计最近两年发表、在最近两个月里被引用次数进入世界前0.1%的论文。