










根据 ESI 2020 年 9 月 10 日更新数据，浙江工商大学 ESI Top 论文共有 44 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 24 篇，具体论文情况如下：

Sort By Publication Year		Customize Documents	1 - 44 of 44
1	IMPROVING THE PERFORMANCE OF POLYAMIDE REVERSE OSMOSIS MEMBRANE BY INCORPORATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES By: ZHAO, HY; QIU, S; WU, LG; et.al Source: JOURNAL OF MEMBRANE SCIENCE 450: 249-256 JAN 15 2014 Research Fields: CHEMISTRY	Times Cited: 211	
2	REMOVAL OF 2-MIB AND GEOSMIN USING UV/PERSULFATE: CONTRIBUTIONS OF HYDROXYL AND SULFATE RADICALS By: XIE, PC; MA, J; LIU, W; et.al Source: WATER RESEARCH 69: 223-233 FEB 1 2015 Research Fields: ENVIRONMENT/ECOLOGY	Times Cited: 209	
3	ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM MULBERRY LEAVES By: YING, Z; HAN, XX; LI, JR; Source: FOOD CHEMISTRY 127 (3): 1273-1279 AUG 1 2011 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 190	
4	ANAEROBIC DIGESTION OF FOOD WASTE FOR VOLATILE FATTY ACIDS (VFAS) PRODUCTION WITH DIFFERENT TYPES OF INOCULUM: EFFECT OF PH By: WANG, K; YIN, J; SHEN, DS; et.al Source: BIORESOURCE TECHNOLOGY 161: 395-401 JUN 2014 Research Fields: BIOLOGY & BIOCHEMISTRY	Times Cited: 189	
5	BLOCK-ROW SPARSE MULTIVIEW MULTILABEL LEARNING FOR IMAGE CLASSIFICATION 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	Times Cited: 162  Research Front	

6	ROBUST JOINT GRAPH SPARSE CODING FOR UNSUPERVISED SPECTRAL FEATURE SELECTION 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	Times Cited: 160  Research Front
7	CHALLENGES AND SOLUTIONS FOR BIOFILTRATION OF HYDROPHOBIC VOLATILE ORGANIC COMPOUNDS By: CHENG, Y; HE, HJ; YANG, CP; et.al Source: BIOTECHNOLOGY ADVANCES 34 (6): 1091-1102 NOV 1 2016 Research Fields: BIOLOGY & BIOCHEMISTRY	Times Cited: 159  Research Front
8	PREPARATION AND CHARACTERIZATION OF PES-SIO2 ORGANIC-INORGANIC COMPOSITE ULTRAFILTRATION MEMBRANE FOR RAW WATER PRETREATMENT By: SHEN, JN; RUAN, HM; WU, LG; et.al Source: CHEMICAL ENGINEERING JOURNAL 168 (3): 1272-1278 APR 15 2011 Research Fields: ENGINEERING	Times Cited: 153
9	INTUITIONISTIC FUZZY ORDERED WEIGHTED DISTANCE OPERATOR By: ZENG, SZ; SU, WH; Source: KNOWLEDGE-BASED SYSTEMS 24 (8): 1224-1232 DEC 2011 Research Fields: COMPUTER SCIENCE	Times Cited: 135
10	THE INFLUENCE OF SCOPE, DEPTH, AND ORIENTATION OF EXTERNAL TECHNOLOGY SOURCES ON THE INNOVATIVE PERFORMANCE OF CHINESE FIRMS By: CHEN, J; CHEN, YF; VANHAVERBEKE, W; Source: TECHNOVATION 31 (8): 362-373 AUG 2011 Research Fields: ENGINEERING	Times Cited: 132
11	COATING EFFECTS OF TEA POLYPHENOL AND ROSEMARY EXTRACT COMBINED WITH CHITOSAN ON THE STORAGE QUALITY OF LARGE YELLOW CROAKER (PSEUDOSCIAENA CROCEA) By: LI, TT; HU, WZ; LI, JR; et.al Source: FOOD CONTROL 25 (1): 101-106 MAY 2012 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 128
12	THE INFLUENCE OF FOOD TEXTURE AND LIQUID CONSISTENCY MODIFICATION ON SWALLOWING PHYSIOLOGY AND FUNCTION: A SYSTEMATIC REVIEW By: STEELE, CM; ALSANEI, WA; AYANIKALATH, S; et.al Source: DYSPHAGIA 30 (1): 2-26 FEB 2015 Research Fields: CLINICAL MEDICINE	Times Cited: 125  Research Front

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: 114
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: 105  Research Front
15	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: 92  Research Front
16	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: 88  Research Front
17	INSIGHTS INTO ATRAZINE DEGRADATION BY PERSULFATE ACTIVATION USING COMPOSITE OF NANOSCALE ZERO-VALENT IRON AND GRAPHENE: PERFORMANCES AND MECHANISMS By: WU, SH; HE, HJ; LI, X; et.al Source: CHEMICAL ENGINEERING JOURNAL 341: 126-136 JUN 1 2018 Research Fields: ENGINEERING	Times Cited: 83  Research Front
18	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: 81  Research Front
19	ONE-STEP REMOVAL OF CR(VI) AT ALKALINE PH BY UV/SULFITE PROCESS: REDUCTION TO CR(III) AND IN SITU CR(III) PRECIPITATION By: XIE, BH; SHAN, C; XU, Z; et.al Source: CHEMICAL ENGINEERING JOURNAL 308: 791-797 JAN 15 2017 Research Fields: ENGINEERING	Times Cited: 75

20 **MICROSTRUCTURE AND PERFORMANCE OF Z-SCHEME PHOTOCATALYST OF SILVER PHOSPHATE MODIFIED BY MWCNTS AND CR-DOPED SrTiO₃ FOR MALACHITE GREEN DEGRADATION**

By: LIN, Y; WU, SH; LI, X; et.al
Source: APPLIED CATALYSIS B-ENVIRONMENTAL
227: 557-570 JUL 5 2018
Research Fields: CHEMISTRY

Times Cited: 72



21 **A NECESSARY AND SUFFICIENT CONDITION FOR A RESOURCE SUBSET TO GENERATE A STRICT MINIMAL SIPHON IN (SPR)-P-4**

By: WANG, SG; YOU, D; ZHOU, MC;
Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL
62 (8): 4173-4179 AUG 2017
Research Fields: ENGINEERING

Times Cited: 68



22 **BIOSORPTION OF CD(II) FROM SYNTHETIC WASTEWATER USING DRY BIOFILMS FROM BIOTRICKLING FILTERS**

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

Times Cited: 59

23 **EFFECT OF SALINITY ON REMOVAL PERFORMANCE AND ACTIVATED SLUDGE CHARACTERISTICS IN SEQUENCING BATCH REACTORS**

By: CHEN, YJ; HE, HJ; LIU, HY; et.al
Source: BIORESOURCE TECHNOLOGY 249: 890-899 FEB 2018
Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 58



24 **PERFORMANCES AND MECHANISMS OF EFFICIENT DEGRADATION OF ATRAZINE USING PEROXYMONOSULFATE AND FERRATE AS OXIDANTS**

By: WU, SH; LI, HR; LI, X; et.al
Source: CHEMICAL ENGINEERING JOURNAL
353: 533-541 DEC 1 2018
Research Fields: ENGINEERING

Times Cited: 52



25 **MORPHOLOGICAL AND PHYSIOLOGICAL RESPONSES OF PLANTS TO CADMIUM TOXICITY: A REVIEW**

By: HE, SY; YANG, XE; HE, Z; et.al
Source: PEDOSPHERE 27 (3): 421-438 SP. ISS. SI JUN 2017
Research Fields: AGRICULTURAL SCIENCES







Times Cited: 47





26 **A LOW REDUNDANCY DATA COLLECTION SCHEME TO MAXIMIZE LIFETIME USING MATRIX COMPLETION TECHNIQUE**

By: TAN, J; LIU, W; XIE, MD; et.al
Source: EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING : - JAN 8 2019
Research Fields: COMPUTER SCIENCE

Times Cited: 47



27	WHAT MATTERS FOR CARBON EMISSIONS IN REGIONAL SECTORS? A CHINA STUDY OF EXTENDED STIRPAT MODEL	Times Cited: 45
	By: YANG, LX; XIA, H; ZHANG, XL; et.al Source: JOURNAL OF CLEANER PRODUCTION 180: 595-602 APR 10 2018 Research Fields: ENGINEERING	
28	CROWDSOURCING MECHANISM FOR TRUST EVALUATION IN CPCS BASED ON INTELLIGENT MOBILE EDGE COMPUTING	Times Cited: 35  Research Front
	By: WANG, T; LUO, H; ZHENG, X; et.al Source: ACM TRANSACTIONS ON INTELLIGENT SYSTEMS AND TECHNOLOGY 10 (6): - DEC 2019 Research Fields: COMPUTER SCIENCE	
29	PIPELINE SLOT BASED FAST REROUTING SCHEME FOR DELAY OPTIMIZATION IN DUTY CYCLE BASED M2M COMMUNICATIONS	Times Cited: 33  Research Front
	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	
30	A SIPHON-BASED DEADLOCK PREVENTION STRATEGY FOR (SPR)-P-3	Times Cited: 30  Research Front
	By: GUO, X; WANG, SG; YOU, D; et.al Source: IEEE ACCESS 7: 86863-86873 2019 Research Fields: ENGINEERING	
31	UAVS JOINT VEHICLES AS DATA MULES FOR FAST CODES DISSEMINATION FOR EDGE NETWORKING IN SMART CITY	Times Cited: 30  Research Front
	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	
32	COUPLING RESOURCE MANAGEMENT BASED ON FOG COMPUTING IN SMART CITY SYSTEMS	Times Cited: 29  Research Front
	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	
33	MTES: AN INTELLIGENT TRUST EVALUATION SCHEME IN SENSOR-CLOUD-ENABLED INDUSTRIAL INTERNET OF THINGS	Times Cited: 25  Research Front
	By: WANG, T; LUO, H; JIA, WJ; et.al Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS 16 (3): 2054-2062 MAR 2020 Research Fields: ENGINEERING	

34	COOPERATIVE GAME APPROACHES TO COORDINATING A THREE-ECHELON CLOSED-LOOP SUPPLY CHAIN WITH FAIRNESS CONCERNS	Times Cited: 23
	By: ZHENG, XX; LIU, Z; LI, KW; et.al Source: INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS 212: 92-110 JUN 2019 Research Fields: ENGINEERING	
35	A DYNAMIC MEMBERSHIP DATA AGGREGATION (DMDA) PROTOCOL FOR SMART GRID	Times Cited: 20
	By: SONG, JC; LIU, YN; SHAO, J; et.al Source: IEEE SYSTEMS JOURNAL 14 (1): 900-908 MAR 2020 Research Fields: COMPUTER SCIENCE	 Research Front
36	USE OF PROBIOTICS IN AQUACULTURE OF CHINA-A REVIEW OF THE PAST DECADE	Times Cited: 17
	By: WANG, AR; RAN, C; WANG, YB; et.al Source: FISH & SHELLFISH IMMUNOLOGY 86: 734-755 MAR 2019 Research Fields: PLANT & ANIMAL SCIENCE	
37	EXTRACTION, CHARACTERIZATION AND FUNCTIONAL PROPERTIES OF SOLUBLE PROTEINS FROM EDIBLE GRASSHOPPER (SCHISTOCERCA GREGARIA) AND HONEY BEE (APIS MELLIFERA)	Times Cited: 16
	By: MISHYNA, M; MARTINEZ, JJI; CHEN, JS; et.al Source: FOOD RESEARCH INTERNATIONAL 116: 697-706 FEB 2019 Research Fields: AGRICULTURAL SCIENCES	 Research Front
38	EDGE-BASED DIFFERENTIAL PRIVACY COMPUTING FOR SENSOR-CLOUD SYSTEMS	Times Cited: 16
	By: WANG, T; MEI, YX; JIA, WJ; et.al Source: JOURNAL OF PARALLEL AND DISTRIBUTED COMPUTING 136: 75-85 FEB 2020 Research Fields: COMPUTER SCIENCE	 Research Front
39	A DEADLOCK PREVENTION POLICY FOR A CLASS OF MULTITHREADED SOFTWARE	Times Cited: 15
	By: DUO, WL; JIANG, XN; KAROUI, O; et.al Source: IEEE ACCESS 8: 16676-16688 2020 Research Fields: ENGINEERING	 Research Front

40 **MODELING OF THE PUBLIC OPINION POLARIZATION PROCESS WITH THE CONSIDERATIONS OF INDIVIDUAL HETEROGENEITY AND DYNAMIC CONFORMITY**

By: CHEN, TG; LI, QQ; YANG, JJ; et.al
Source: MATHEMATICS 7 (10): - OCT 2019
Research Fields: MATHEMATICS

Times Cited: 12



41 **EFFECT OF GOVERNMENT SUBSIDIES ON RENEWABLE ENERGY INVESTMENTS: THE THRESHOLD EFFECT**

By: YANG, XL; HE, LY; XIA, YF; et.al
Source: ENERGY POLICY 132: 156-166 SEP 2019
Research Fields: SOCIAL SCIENCES, GENERAL

Times Cited: 11

42 **PUBLIC OPINION POLARIZATION BY INDIVIDUAL REVENUE FROM THE SOCIAL PREFERENCE THEORY**

By: CHEN, TG; LI, QQ; FU, PH; et.al
Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH 17 (3): - FEB 1 2020
Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 6



43 **MODELING OF EMERGENCY SUPPLY SCHEDULING PROBLEM BASED ON RELIABILITY AND ITS SOLUTION ALGORITHM UNDER VARIABLE ROAD NETWORK AFTER SUDDEN-ONSET DISASTERS**

By: CHEN, TG; WU, SW; YANG, JJ; et.al
Source: COMPLEXITY 2020: - JAN 20 2020
Research Fields: MATHEMATICS

Times Cited: 5



44 **SENSORY ATTRIBUTES OF EDIBLE INSECTS AND INSECT-BASED FOODS - FUTURE OUTLOOKS FOR ENHANCING CONSUMER APPEAL**

By: MISHYNA, M; CHEN, JS; BENJAMIN, O;
Source: TRENDS IN FOOD SCIENCE & TECHNOLOGY 95: 141-148 JAN 2020
Research Fields: AGRICULTURAL SCIENCES

Times Cited: 4

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。