


根据 ESI 2020 年 11 月 24 日更新数据，浙江工商大学 ESI Top 论文共有 51 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 30 篇，具体论文情况如下：

Sort By	Publication Year	Customize Documents	1 - 50 of 51
1	IMPROVING THE PERFORMANCE OF POLYAMIDE REVERSE OSMOSIS MEMBRANE BY INCORPORATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES	Times Cited: 218	
	By: ZHAO, HY; QIU, S; WU, LG; et.al Source: JOURNAL OF MEMBRANE SCIENCE 450: 249-256 JAN 15 2014 Research Fields: CHEMISTRY		
2	REMOVAL OF 2-MIB AND GEOSMIN USING UV/PERSULFATE: CONTRIBUTIONS OF HYDROXYL AND SULFATE RADICALS	Times Cited: 217	
	By: XIE, PC; MA, J; LIU, W; et.al Source: WATER RESEARCH 69: 223-233 FEB 1 2015 Research Fields: ENVIRONMENT/ECOLOGY		
3	ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM MULBERRY LEAVES	Times Cited: 197	
	By: YING, Z; HAN, XX; LI, JR; Source: FOOD CHEMISTRY 127 (3): 1273-1279 AUG 1 2011 Research Fields: AGRICULTURAL SCIENCES		
4	ANAEROBIC DIGESTION OF FOOD WASTE FOR VOLATILE FATTY ACIDS (VFAS) PRODUCTION WITH DIFFERENT TYPES OF INOCULUM: EFFECT OF PH	Times Cited: 196	
	By: WANG, K; YIN, J; SHEN, DS; et.al Source: BIORESOURCE TECHNOLOGY 161: 395-401 JUN 2014 Research Fields: BIOLOGY & BIOCHEMISTRY		
5	ROBUST JOINT GRAPH SPARSE CODING FOR UNSUPERVISED SPECTRAL FEATURE SELECTION	Times Cited: 167	
	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	

6 **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: 166



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: 165



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: 154

9 **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: 139

10 **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: 138





11 **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: 136



- 12 **COATING EFFECTS OF TEA POLYPHENOL AND ROSEMARY EXTRACT COMBINED WITH CHITOSAN ON THE STORAGE QUALITY OF LARGE YELLOW CROAKER (PSEUDOSCIAENA CROCEA)** Times Cited: 134
- By: LI, TT; HU, WZ; LI, JR; et.al
Source: FOOD CONTROL 25 (1): 101-106 MAY 2012
Research Fields: AGRICULTURAL SCIENCES
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- 13 **JOINT MODE SELECTION AND RESOURCE ALLOCATION FOR DEVICE-TO-DEVICE COMMUNICATIONS** Times Cited: 117
- By: YU, GD; XU, LK; FENG, DQ; et.al
Source: IEEE TRANSACTIONS ON COMMUNICATIONS 62 (11): 3814-3824 NOV 2014
Research Fields: COMPUTER SCIENCE
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- 14 **ROLES OF REACTIVE CHLORINE SPECIES IN TRIMETHOPRIM DEGRADATION IN THE UV/CHLORINE PROCESS: KINETICS AND TRANSFORMATION PATHWAYS** Times Cited: 111
-  Research Front
- By: WU, ZH; FANG, JY; XIANG, YY; et.al
Source: WATER RESEARCH 104: 272-282 NOV 1 2016
Research Fields: ENVIRONMENT/ECOLOGY
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- 15 **DEVELOPMENT OF INTERNATIONAL TERMINOLOGY AND DEFINITIONS FOR TEXTURE-MODIFIED FOODS AND THICKENED FLUIDS USED IN DYSPHAGIA MANAGEMENT: THE IDDSI FRAMEWORK** Times Cited: 105
-  Research Front
- By: CICHERO, JAY; LAM, P; STEELE, CM; et.al
Source: DYSPHAGIA 32 (2): 293-314 APR 2017
Research Fields: CLINICAL MEDICINE
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- 16 **INFLUENCE OF SALINITY ON MICROORGANISMS IN ACTIVATED SLUDGE PROCESSES: A REVIEW** Times Cited: 100
-  Research Front
- 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
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- 17 **INSIGHTS INTO ATRAZINE DEGRADATION BY PERSULFATE ACTIVATION USING COMPOSITE OF NANOSCALE ZERO-VALENT IRON AND GRAPHENE: PERFORMANCES AND MECHANISMS** Times Cited: 88
-  Research Front
- By: WU, SH; HE, HJ; LI, X; et.al
Source: CHEMICAL ENGINEERING JOURNAL 341: 126-136 JUN 1 2018
Research Fields: ENGINEERING

- 18 **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: 82
By: XIE, BH; SHAN, C; XU, Z; et.al
Source: CHEMICAL ENGINEERING JOURNAL
308: 791-797 JAN 15 2017
Research Fields: ENGINEERING
- 19 **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** Times Cited: 81
 Research Front
By: LIANG, Y; CAO, RX;
Source: SOCIAL INDICATORS RESEARCH
120 (3): 835-857 FEB 2015
Research Fields: SOCIAL SCIENCES, GENERAL
- 20 **MICROSTRUCTURE AND PERFORMANCE OF Z-SCHEME PHOTOCATALYST OF SILVER PHOSPHATE MODIFIED BY MWCNTS AND CR-DOPED SRTiO3 FOR MALACHITE GREEN DEGRADATION** Times Cited: 75
 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
- 21 **A NECESSARY AND SUFFICIENT CONDITION FOR A RESOURCE SUBSET TO GENERATE A STRICT MINIMAL SIPHON IN (SPR)-P-4** Times Cited: 70
 Research Front
By: WANG, SG; YOU, D; ZHOU, MC;
Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL
62 (8): 4173-4179 AUG 2017
Research Fields: ENGINEERING
- 22 **EFFECT OF SALINITY ON REMOVAL PERFORMANCE AND ACTIVATED SLUDGE CHARACTERISTICS IN SEQUENCING BATCH REACTORS** Times Cited: 64
 Research Front
By: CHEN, YJ; HE, HJ; LIU, HY; et.al
Source: BIORESOURCE TECHNOLOGY 249: 890-899 FEB 2018
Research Fields: BIOLOGY & BIOCHEMISTRY
- 23 **BIOSORPTION OF CD(II) FROM SYNTHETIC WASTEWATER USING DRY BIOFILMS FROM BIOTRICKLING FILTERS** Times Cited: 61
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

- 24 **MORPHOLOGICAL AND PHYSIOLOGICAL RESPONSES OF PLANTS TO CADMIUM TOXICITY: A REVIEW** Times Cited: 56
By: HE, SY; YANG, XE; HE, Z; et.al
Source: PEDOSPHERE 27 (3): 421-438 SP. ISS. SI JUN 2017
Research Fields: AGRICULTURAL SCIENCES
- 25 **A NOVEL TRUST MECHANISM BASED ON FOG COMPUTING IN SENSOR-CLOUD SYSTEM** Times Cited: 55
By: WANG, T; ZHANG, GX; BHUIYAN, MZA; et.al
Source: FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE 109: 573-582 AUG 2020
Research Fields: COMPUTER SCIENCE  Research Front
- 26 **PERFORMANCES AND MECHANISMS OF EFFICIENT DEGRADATION OF ATRAZINE USING PEROXYMONOSULFATE AND FERRATE AS OXIDANTS** Times Cited: 55
By: WU, SH; LI, HR; LI, X; et.al
Source: CHEMICAL ENGINEERING JOURNAL 353: 533-541 DEC 1 2018
Research Fields: ENGINEERING  Research Front
- 27 **A LOW REDUNDANCY DATA COLLECTION SCHEME TO MAXIMIZE LIFETIME USING MATRIX COMPLETION TECHNIQUE** Times Cited: 53
By: TAN, J; LIU, W; XIE, MD; et.al
Source: EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING : - JAN 8 2019
Research Fields: COMPUTER SCIENCE  Research Front
- 28 **WHAT MATTERS FOR CARBON EMISSIONS IN REGIONAL SECTORS? A CHINA STUDY OF EXTENDED STIRPAT MODEL** Times Cited: 49
By: YANG, LX; XIA, H; ZHANG, XL; et.al
Source: JOURNAL OF CLEANER PRODUCTION 180: 595-602 APR 10 2018
Research Fields: ENGINEERING
- 29 **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: 49
By: KONG, XJ; WU, ZH; REN, ZR; et.al
Source: WATER RESEARCH 137: 242-250 JUN 15 2018
Research Fields: ENVIRONMENT/ECOLOGY  Research Front

- 30 **PIPELINE SLOT BASED FAST REROUTING SCHEME FOR DELAY OPTIMIZATION IN DUTY CYCLE BASED M2M COMMUNICATIONS** Times Cited: 43
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  Research Front
- 31 **CROWDSOURCING MECHANISM FOR TRUST EVALUATION IN CPDS BASED ON INTELLIGENT MOBILE EDGE COMPUTING** Times Cited: 43
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  Research Front
- 32 **UAVS JOINT VEHICLES AS DATA MULES FOR FAST CODES DISSEMINATION FOR EDGE NETWORKING IN SMART CITY** Times Cited: 37
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  Research Front
- 33 **A SIPHON-BASED DEADLOCK PREVENTION STRATEGY FOR (SPR)-P-3** Times Cited: 33
By: GUO, X; WANG, SG; YOU, D; et.al
Source: IEEE ACCESS 7: 86863-86873 2019
Research Fields: ENGINEERING  Research Front
- 34 **MTES: AN INTELLIGENT TRUST EVALUATION SCHEME IN SENSOR-CLOUD-ENABLED INDUSTRIAL INTERNET OF THINGS** Times Cited: 32
By: WANG, T; LUO, H; JIA, WJ; et.al
Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS 16 (3): 2054-2062 MAR 2020
Research Fields: ENGINEERING  Research Front
- 35 **COUPLING RESOURCE MANAGEMENT BASED ON FOG COMPUTING IN SMART CITY SYSTEMS** Times Cited: 30
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  Research Front

36 **A NOVEL RECOMMENDATION METHOD BASED ON SOCIAL NETWORK USING MATRIX FACTORIZATION TECHNIQUE** Times Cited: 28

By: XU, CH;
Source: INFORMATION PROCESSING & MANAGEMENT
54 (3): 463-474 MAY 2018
Research Fields: SOCIAL SCIENCES, GENERAL

37 **COOPERATIVE GAME APPROACHES TO COORDINATING A THREE-ECHELON CLOSED-LOOP SUPPLY CHAIN WITH FAIRNESS CONCERNS** Times Cited: 27

By: ZHENG, XX; LIU, Z; LI, KW; et.al
Source: INTERNATIONAL JOURNAL OF PRODUCTION
ECONOMICS 212: 92-110 JUN 2019
Research Fields: ENGINEERING

38 **A DYNAMIC MEMBERSHIP DATA AGGREGATION (DMDA) PROTOCOL FOR SMART GRID** Times Cited: 26

By: SONG, JC; LIU, YN; SHAO, J; et.al
Source: IEEE SYSTEMS JOURNAL 14 (1): 900-908 MAR 2020
Research Fields: COMPUTER SCIENCE

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39 **USE OF PROBIOTICS IN AQUACULTURE OF CHINA-A REVIEW OF THE PAST DECADE** Times Cited: 25

By: WANG, AR; RAN, C; WANG, YB; et.al
Source: FISH & SHELLFISH IMMUNOLOGY 86: 734-755 MAR 2019
Research Fields: PLANT & ANIMAL SCIENCE

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40 **FABRICATION OF OVALBUMIN/KAPPA-CARRAGEENAN COMPLEX NANOPARTICLES AS A NOVEL CARRIER FOR CURCUMIN DELIVERY** Times Cited: 19





By: XIE, HJ; XIANG, CY; LI, Y; et.al
Source: FOOD HYDROCOLLOIDS 89: 111-121 APR 2019
Research Fields: AGRICULTURAL SCIENCES

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41 **EDGE-BASED DIFFERENTIAL PRIVACY COMPUTING FOR SENSOR-CLOUD SYSTEMS** Times Cited: 19

By: WANG, T; MEI, YX; JIA, WJ; et.al
Source: JOURNAL OF PARALLEL AND DISTRIBUTED
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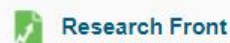
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- 42 **A DEADLOCK PREVENTION POLICY FOR A CLASS OF MULTITHREADED SOFTWARE** Times Cited: 16
By: DUO, WL; JIANG, XN; KAROUI, O; et.al
Source: IEEE ACCESS 8: 16676-16688 2020
Research Fields: ENGINEERING  Research Front
- 43 **EFFECT OF GOVERNMENT SUBSIDIES ON RENEWABLE ENERGY INVESTMENTS: THE THRESHOLD EFFECT** Times Cited: 15
By: YANG, XL; HE, LY; XIA, YF; et.al
Source: ENERGY POLICY 132: 156-166 SEP 2019
Research Fields: SOCIAL SCIENCES, GENERAL
- 44 **MODELING OF THE PUBLIC OPINION POLARIZATION PROCESS WITH THE CONSIDERATIONS OF INDIVIDUAL HETEROGENEITY AND DYNAMIC CONFORMITY** Times Cited: 14
By: CHEN, TG; LI, QQ; YANG, JJ; et.al
Source: MATHEMATICS 7 (10): - OCT 2019
Research Fields: MATHEMATICS  Research Front
- 45 **SENSORY ATTRIBUTES OF EDIBLE INSECTS AND INSECT-BASED FOODS - FUTURE OUTLOOKS FOR ENHANCING CONSUMER APPEAL** Times Cited: 8
By: MISHYNA, M; CHEN, JS; BENJAMIN, O;
Source: TRENDS IN FOOD SCIENCE & TECHNOLOGY 95: 141-148 JAN 2020
Research Fields: AGRICULTURAL SCIENCES  Research Front
- 46 **PUBLIC OPINION POLARIZATION BY INDIVIDUAL REVENUE FROM THE SOCIAL PREFERENCE THEORY** Times Cited: 8
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  Research Front
- 47 **RECENT ADVANCES IN MOF-BASED PHOTOCATALYSIS: ENVIRONMENTAL REMEDIATION UNDER VISIBLE LIGHT** Times Cited: 7
By: WANG, Q; GAO, QY; AL-ENIZI, AM; et.al
Source: INORGANIC CHEMISTRY FRONTIERS 7 (2): 300-339 JAN 21 2020
Research Fields: CHEMISTRY

48 **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: 7



49 **ELECTROCHEMICAL OXIDATION OF ACID ORANGE 7 AZO DYE USING A PBO₂ ELECTRODE: PARAMETER OPTIMIZATION, REACTION MECHANISM AND TOXICITY EVALUATION**

By: XIA, YJ; WANG, GQ; GUO, LD; et.al
Source: CHEMOSPHERE 241: - FEB 2020
Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 7

50 **NANOEMULSIONS AS DELIVERY SYSTEMS FOR LIPOPHILIC NUTRACEUTICALS: STRATEGIES FOR IMPROVING THEIR FORMULATION, STABILITY, FUNCTIONALITY AND BIOAVAILABILITY**

By: CHOI, SJ; MCCLEMENTS, DJ;
Source: FOOD SCIENCE AND BIOTECHNOLOGY
29 (2): 149-168 FEB 2020
Research Fields: AGRICULTURAL SCIENCES

Times Cited: 6

51 **A PROBABILISTIC LINGUISTIC MULTIPLE ATTRIBUTE DECISION MAKING BASED ON A NEW CORRELATION COEFFICIENT METHOD AND ITS APPLICATION IN HOSPITAL ASSESSMENT**

By: LUO, DD; ZENG, SZ; CHEN, J;
Source: MATHEMATICS 8 (3): - MAR 2020
Research Fields: MATHEMATICS

Times Cited: 5



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。