


根据 ESI 2019 年 11 月 15 日更新数据，浙江工商大学 ESI Top 论文共有 41 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：（以研究方向为排序方式）

1	ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM MULBERRY LEAVES	Times Cited: 165
	By: YING, Z; HAN, XX; LI, JR; Source: FOOD CHEMISTRY 127 (3): 1273-1279 AUG 1 2011 Research Fields: AGRICULTURAL SCIENCES	
2	PREBIOTICS: PRESENT AND FUTURE IN FOOD SCIENCE AND TECHNOLOGY	Times Cited: 136
	By: WANG, YB; Source: FOOD RESEARCH INTERNATIONAL 42 (1): 8-12 JAN 2009 Research Fields: AGRICULTURAL SCIENCES	
3	COATING EFFECTS OF TEA POLYPHENOL AND ROSEMARY EXTRACT COMBINED WITH CHITOSAN ON THE STORAGE QUALITY OF LARGE YELLOW CROAKER (PSEUDOSCIAENA CROCEA)	Times Cited: 97
	By: LI, TT; HU, WZ; LI, JR; et.al Source: FOOD CONTROL 25 (1): 101-106 MAY 2012 Research Fields: AGRICULTURAL SCIENCES	
4	EXTRACTION, CHARACTERIZATION AND FUNCTIONAL PROPERTIES OF SOLUBLE PROTEINS FROM EDIBLE GRASSHOPPER (SCHISTOCERCA GREGARIA) AND HONEY BEE (APIS MELLIFERA)	Times Cited: 5
	By: MISHYNA, M; MARTINEZ, JJI; CHEN, JS; et.al Source: FOOD RESEARCH INTERNATIONAL 116: 697-706 FEB 2019 Research Fields: AGRICULTURAL SCIENCES	 Research Front
5	EFFECTS OF LOW ACYL AND HIGH ACYL GELLAN GUM ON THE THERMAL STABILITY OF PURPLE SWEET POTATO ANTHOCYANINS IN THE PRESENCE OF ASCORBIC ACID	Times Cited: 5
	By: XU, XJ; FANG, S; LI, YH; et.al Source: FOOD HYDROCOLLOIDS 86: 116-123 SP. ISS. SI JAN 2019 Research Fields: AGRICULTURAL SCIENCES	

1 **ANAEROBIC DIGESTION OF FOOD WASTE FOR VOLATILE FATTY ACIDS (VFAS) PRODUCTION WITH DIFFERENT TYPES OF INOCULUM: EFFECT OF PH**

Times Cited: 141

By: WANG, K; YIN, J; SHEN, DS; et.al

Source: BIORESOURCE TECHNOLOGY 161: 395-401 JUN 2014

Research Fields: BIOLOGY & BIOCHEMISTRY

2 **CHALLENGES AND SOLUTIONS FOR BIOFILTRATION OF HYDROPHOBIC VOLATILE ORGANIC COMPOUNDS**

Times Cited: 108

By: CHENG, Y; HE, HJ; YANG, CP; et.al

Source: BIOTECHNOLOGY ADVANCES

34 (6): 1091-1102 NOV 1 2016

Research Fields: BIOLOGY & BIOCHEMISTRY

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

Times Cited: 27



Research Front

By: CHEN, YJ; HE, HJ; LIU, HY; et.al

Source: BIORESOURCE TECHNOLOGY 249: 890-899 FEB 2018

Research Fields: BIOLOGY & BIOCHEMISTRY

1 **IMPROVING THE PERFORMANCE OF POLYAMIDE REVERSE OSMOSIS MEMBRANE BY INCORPORATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES**

Times Cited: 162



Research Front

By: ZHAO, HY; QIU, S; WU, LG; et.al

Source: JOURNAL OF MEMBRANE SCIENCE

450: 249-256 JAN 15 2014

Research Fields: CHEMISTRY

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

Times Cited: 35



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

1 **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: 93



2 **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: 45



1 **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: 129



2 **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: 123

3 **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: 104



4 **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: 94

5 **FOG-BASED STORAGE TECHNOLOGY TO FIGHT WITH CYBER THREAT**

Times Cited: 30

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

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

Times Cited: 24



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

7 **A PERSONALIZED AUTHORITATIVE USER-BASED RECOMMENDATION FOR SOCIAL TAGGING**

Times Cited: 24



By: WEI, JL; MENG, F; ARUNKUMAR, N;
Source: FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE 86: 355-361 SEP 2018
Research Fields: COMPUTER SCIENCE

8 **CCA-SECURE ABE WITH OUTSOURCED DECRYPTION FOR FOG COMPUTING**

Times Cited: 23



By: ZUO, C; SHAO, J; WEI, GY; et.al
Source: FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE 78: 730-738 PART 2 JAN 2018
Research Fields: COMPUTER SCIENCE

9 **COUPLING RESOURCE MANAGEMENT BASED ON FOG COMPUTING IN SMART CITY SYSTEMS**

Times Cited: 8





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

1 **PREPARATION AND CHARACTERIZATION OF PES-SIO₂ ORGANIC-INORGANIC COMPOSITE ULTRAFILTRATION MEMBRANE FOR RAW WATER PRETREATMENT**

Times Cited: 127

By: SHEN, JN; RUAN, HM; WU, LG; et.al
Source: CHEMICAL ENGINEERING JOURNAL 168 (3): 1272-1278 APR 15 2011
Research Fields: ENGINEERING

2	SELECTIVE REMOVAL OF HG(II) WITH POLYACRYLONITRILE-2-AMINO-1,3, 4-THIADIAZOLE CHELATING RESIN: BATCH AND COLUMN STUDY	Times Cited: 75
	By: XIONG, CH; LI, YL; WANG, GT; et.al Source: CHEMICAL ENGINEERING JOURNAL 259: 257-265 JAN 1 2015 Research Fields: ENGINEERING	
3	JOINT SPECTRUM AND POWER ALLOCATION FOR D2D COMMUNICATIONS UNDERLAYING CELLULAR NETWORKS	Times Cited: 57
	By: YIN, R; ZHONG, CJ; YU, GD; et.al Source: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY 65 (4): 2182-2195 APR 2016 Research Fields: ENGINEERING	
4	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: 52
	By: XIE, BH; SHAN, C; XU, Z; et.al Source: CHEMICAL ENGINEERING JOURNAL 308: 791-797 JAN 15 2017 Research Fields: ENGINEERING	
5	FABRICATION OF 3D BI2O3-BIOI HETEROJUNCTION BY A SIMPLE DIPPING METHOD: HIGHLY ENHANCED VISIBLE-LIGHT PHOTOELECTROCATALYTIC ACTIVITY	Times Cited: 42
	By: CONG, YQ; JI, Y; GE, YH; et.al Source: CHEMICAL ENGINEERING JOURNAL 307: 572-582 JAN 1 2017 Research Fields: ENGINEERING	
6	INSIGHTS INTO ATRAZINE DEGRADATION BY PERSULFATE ACTIVATION USING COMPOSITE OF NANOSCALE ZERO-VALENT IRON AND GRAPHENE: PERFORMANCES AND MECHANISMS	Times Cited: 38  Research Front
	By: WU, SH; HE, HJ; LI, X; et.al Source: CHEMICAL ENGINEERING JOURNAL 341: 126-136 JUN 1 2018 Research Fields: ENGINEERING	
7	AN APPROACH FOR ENUMERATING MINIMAL SIPHONS IN A SUBCLASS OF PETRI NETS	Times Cited: 24  Research Front
	By: YOU, D; WANG, SG; DAI, WZ; et.al Source: IEEE ACCESS 6: 4255-4265 2018 Research Fields: ENGINEERING	

8 **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: 22



9 **A NOVEL APPROACH FOR CONSTRAINT TRANSFORMATION IN PETRI NETS WITH UNCONTROLLABLE TRANSITIONS**

By: WANG, SG; YOU, D; SEATZU, C;
Source: IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS 48 (8): 1403-1410 AUG 2018
Research Fields: ENGINEERING

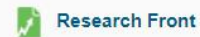
Times Cited: 20



10 **WHAT MATTERS FOR CARBON EMISSIONS IN REGIONAL SECTORS? A CHINA STUDY OF EXTENDED STIRPAT MODEL**

By: YANG, LX; XIA, H; ZHANG, XL; et.al
Source: JOURNAL OF CLEANER PRODUCTION
180: 595-602 APR 10 2018
Research Fields: ENGINEERING

Times Cited: 20



11 **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: 8

12 **REDUCING DELAY AND MAXIMIZING LIFETIME FOR WIRELESS SENSOR NETWORKS WITH DYNAMIC TRAFFIC PATTERNS**

By: WANG, Q; LIU, W; WANG, T; et.al
Source: IEEE ACCESS 7: 70212-70236 2019
Research Fields: ENGINEERING

Times Cited: 6







13 **TO REDUCE DELAY, ENERGY CONSUMPTION AND COLLISION THROUGH OPTIMIZATION DUTY-CYCLE AND SIZE OF FORWARDING NODE SET IN WSNS**

By: WANG, FH; LIU, W; WANG, T; et.al
Source: IEEE ACCESS 7: 55983-56015 2019
Research Fields: ENGINEERING

Times Cited: 6



1	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: 149  Research Front
2	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: 73  Research Front
3	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: 48  Research Front
4	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: 30
5	UNDERSTANDING MECHANISMS OF SYNERGY BETWEEN ACIDIFICATION AND ULTRASOUND TREATMENTS FOR ACTIVATED SLUDGE DEWATERING: FROM BENCH TO PILOT-SCALE INVESTIGATION By: CAI, MQ; HU, JQ; WELLS, G; et.al Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY 52 (7): 4313-4323 APR 3 2018 Research Fields: ENVIRONMENT/ECOLOGY	Times Cited: 20  Research Front

- 1 **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

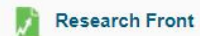
Times Cited: 78



- 2 **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



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。