





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	<b>ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM MULBERRY LEAVES</b>	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	<b>PREBIOTICS: PRESENT AND FUTURE IN FOOD SCIENCE AND TECHNOLOGY</b>	Times Cited: 136
	By: WANG, YB; Source: FOOD RESEARCH INTERNATIONAL 42 (1): 8-12 JAN 2009 Research Fields: AGRICULTURAL SCIENCES	
3	<b>COATING EFFECTS OF TEA POLYPHENOL AND ROSEMARY EXTRACT COMBINED WITH CHITOSAN ON THE STORAGE QUALITY OF LARGE YELLOW CROAKER (PSEUDOSCIAENA CROCEA)</b>	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	<b>EXTRACTION, CHARACTERIZATION AND FUNCTIONAL PROPERTIES OF SOLUBLE PROTEINS FROM EDIBLE GRASSHOPPER (SCHISTOCERCA GREGARIA) AND HONEY BEE (APIS MELLIFERA)</b>	Times Cited: 5  Research Front
	By: MISHYNA, M; MARTINEZ, JJI; CHEN, JS; et.al Source: FOOD RESEARCH INTERNATIONAL 116: 697-706 FEB 2019 Research Fields: AGRICULTURAL SCIENCES	
5	<b>EFFECTS OF LOW ACYL AND HIGH ACYL GELLAN GUM ON THE THERMAL STABILITY OF PURPLE SWEET POTATO ANTHOCYANINS IN THE PRESENCE OF ASCORBIC ACID</b>	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	

<p>1 <b>ANAEROBIC DIGESTION OF FOOD WASTE FOR VOLATILE FATTY ACIDS (VFAS) PRODUCTION WITH DIFFERENT TYPES OF INOCULUM: EFFECT OF PH</b></p> <p>By: WANG, K; YIN, J; SHEN, DS; et.al  Source: BIORESOURCE TECHNOLOGY 161: 395-401 JUN 2014  Research Fields: BIOLOGY &amp; BIOCHEMISTRY</p>	<p>Times Cited: 141</p>
<p>2 <b>CHALLENGES AND SOLUTIONS FOR BIOFILTRATION OF HYDROPHOBIC VOLATILE ORGANIC COMPOUNDS</b></p> <p>By: CHENG, Y; HE, HJ; YANG, CP; et.al  Source: BIOTECHNOLOGY ADVANCES 34 (6): 1091-1102 NOV 1 2016  Research Fields: BIOLOGY &amp; BIOCHEMISTRY</p>	<p>Times Cited: 108</p>
<p>3 <b>EFFECT OF SALINITY ON REMOVAL PERFORMANCE AND ACTIVATED SLUDGE CHARACTERISTICS IN SEQUENCING BATCH REACTORS</b></p> <p>By: CHEN, YJ; HE, HJ; LIU, HY; et.al  Source: BIORESOURCE TECHNOLOGY 249: 890-899 FEB 2018  Research Fields: BIOLOGY &amp; BIOCHEMISTRY</p>	<p>Times Cited: 27</p> <p> Research Front</p>

<p>1 <b>IMPROVING THE PERFORMANCE OF POLYAMIDE REVERSE OSMOSIS MEMBRANE BY INCORPORATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES</b></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: 162</p> <p> Research Front</p>
<p>2 <b>MICROSTRUCTURE AND PERFORMANCE OF Z-SCHEME PHOTOCATALYST OF SILVER PHOSPHATE MODIFIED BY MWCNTS AND CR-DOPED SrTiO<sub>3</sub> FOR MALACHITE GREEN DEGRADATION</b></p> <p>By: LIN, Y; WU, SH; LI, X; et.al  Source: APPLIED CATALYSIS B-ENVIRONMENTAL 227: 557-570 JUL 5 2018  Research Fields: CHEMISTRY</p>	<p>Times Cited: 35</p> <p> Research Front</p>

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

<p>5 <b>FOG-BASED STORAGE TECHNOLOGY TO FIGHT WITH CYBER THREAT</b></p> <p>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</p>	<p>Times Cited: 30</p>
<p>6 <b>A LOW REDUNDANCY DATA COLLECTION SCHEME TO MAXIMIZE LIFETIME USING MATRIX COMPLETION TECHNIQUE</b></p> <p>By: TAN, J; LIU, W; XIE, MD; et.al  Source: EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING : - JAN 8 2019  Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 24</p> <p> Research Front</p>
<p>7 <b>A PERSONALIZED AUTHORITATIVE USER-BASED RECOMMENDATION FOR SOCIAL TAGGING</b></p> <p>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</p>	<p>Times Cited: 24</p> <p> Research Front</p>
<p>8 <b>CCA-SECURE ABE WITH OUTSOURCED DECRYPTION FOR FOG COMPUTING</b></p> <p>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</p>	<p>Times Cited: 23</p> <p> Research Front</p>
<p>9 <b>COUPLING RESOURCE MANAGEMENT BASED ON FOG COMPUTING IN SMART CITY SYSTEMS</b></p> <p>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</p>	<p>Times Cited: 8</p> <p> Research Front</p>
<p>1 <b>PREPARATION AND CHARACTERIZATION OF PES-SIO2 ORGANIC-INORGANIC COMPOSITE ULTRAFILTRATION MEMBRANE FOR RAW WATER PRETREATMENT</b></p> <p>By: SHEN, JN; RUAN, HM; WU, LG; et.al  Source: CHEMICAL ENGINEERING JOURNAL 168 (3): 1272-1278 APR 15 2011  Research Fields: ENGINEERING</p>	<p>Times Cited: 127</p>

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

<p>8 <b>PERFORMANCES AND MECHANISMS OF EFFICIENT DEGRADATION OF ATRAZINE USING PEROXYMONOSULFATE AND FERRATE AS OXIDANTS</b></p> <p>By: WU, SH; LI, HR; LI, X; et.al  Source: CHEMICAL ENGINEERING JOURNAL  353: 533-541 DEC 1 2018  Research Fields: ENGINEERING</p>	<p>Times Cited: 22</p> <p> Research Front</p>
<p>9 <b>A NOVEL APPROACH FOR CONSTRAINT TRANSFORMATION IN PETRI NETS WITH UNCONTROLLABLE TRANSITIONS</b></p> <p>By: WANG, SG; YOU, D; SEATZU, C;  Source: IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS 48 (8): 1403-1410 AUG 2018  Research Fields: ENGINEERING</p>	<p>Times Cited: 20</p> <p> Research Front</p>
<p>10 <b>WHAT MATTERS FOR CARBON EMISSIONS IN REGIONAL SECTORS? A CHINA STUDY OF EXTENDED STIRPAT MODEL</b></p> <p>By: YANG, LX; XIA, H; ZHANG, XL; et.al  Source: JOURNAL OF CLEANER PRODUCTION  180: 595-602 APR 10 2018  Research Fields: ENGINEERING</p>	<p>Times Cited: 20</p> <p> Research Front</p>
<p>11 <b>FAST AND ACCURATE CLASSIFICATION OF TIME SERIES DATA USING EXTENDED ELM: APPLICATION IN FAULT DIAGNOSIS OF AIR HANDLING UNITS</b></p> <p>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</p>	<p>Times Cited: 8</p>
<p>12 <b>REDUCING DELAY AND MAXIMIZING LIFETIME FOR WIRELESS SENSOR NETWORKS WITH DYNAMIC TRAFFIC PATTERNS</b></p> <p>By: WANG, Q; LIU, W; WANG, T; et.al  Source: IEEE ACCESS 7: 70212-70236 2019  Research Fields: ENGINEERING</p>	<p>Times Cited: 6</p> <p> Research Front</p>
<p>13 <b>TO REDUCE DELAY, ENERGY CONSUMPTION AND COLLISION THROUGH OPTIMIZATION DUTY-CYCLE AND SIZE OF FORWARDING NODE SET IN WSNS</b></p> <p>By: WANG, FH; LIU, W; WANG, T; et.al  Source: IEEE ACCESS 7: 55983-56015 2019  Research Fields: ENGINEERING</p>	<p>Times Cited: 6</p> <p> Research Front</p>

<p>1 <b>REMOVAL OF 2-MIB AND GEOSMIN USING UV/PERSULFATE: CONTRIBUTIONS OF HYDROXYL AND SULFATE RADICALS</b></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><b>Times Cited: 149</b></p> <p> <b>Research Front</b></p>
<p>2 <b>ROLES OF REACTIVE CHLORINE SPECIES IN TRIMETHOPRIM DEGRADATION IN THE UV/CHLORINE PROCESS: KINETICS AND TRANSFORMATION PATHWAYS</b></p> <p>By: WU, ZH; FANG, JY; XIANG, YY; et.al  Source: WATER RESEARCH 104: 272-282 NOV 1 2016  Research Fields: ENVIRONMENT/ECOLOGY</p>	<p><b>Times Cited: 73</b></p> <p> <b>Research Front</b></p>
<p>3 <b>INFLUENCE OF SALINITY ON MICROORGANISMS IN ACTIVATED SLUDGE PROCESSES: A REVIEW</b></p> <p>By: HE, HJ; CHEN, YJ; LI, X; et.al  Source: INTERNATIONAL BIODETERIORATION &amp; BIODEGRADATION 119: 520-527 SP. ISS. SI APR 2017  Research Fields: ENVIRONMENT/ECOLOGY</p>	<p><b>Times Cited: 48</b></p> <p> <b>Research Front</b></p>
<p>4 <b>BIOSORPTION OF CD(II) FROM SYNTHETIC WASTEWATER USING DRY BIOFILMS FROM BIOTRICKLING FILTERS</b></p> <p>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</p>	<p><b>Times Cited: 30</b></p>
<p>5 <b>UNDERSTANDING MECHANISMS OF SYNERGY BETWEEN ACIDIFICATION AND ULTRASOUND TREATMENTS FOR ACTIVATED SLUDGE DEWATERING: FROM BENCH TO PILOT-SCALE INVESTIGATION</b></p> <p>By: CAI, MQ; HU, JQ; WELLS, G; et.al  Source: ENVIRONMENTAL SCIENCE &amp; TECHNOLOGY 52 (7): 4313-4323 APR 3 2018  Research Fields: ENVIRONMENT/ECOLOGY</p>	<p><b>Times Cited: 20</b></p> <p> <b>Research Front</b></p>

- 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。