

根据 ESI 2019 年 9 月 11 日更新数据，浙江工商大学 ESI Top 论文共有 36 篇，ESI Hot 论文共有 2 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 20 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 By: YING, Z; HAN, XX; LI, JR; Source: FOOD CHEM 127 (3): 1273-1279 AUG 1 2011 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 160
2	PREBIOTICS: PRESENT AND FUTURE IN FOOD SCIENCE AND TECHNOLOGY By: WANG, YB; Source: FOOD RES INT 42 (1): 8-12 JAN 2009 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 134
3	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: 94
4	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 HYDROCOLLOID 86: 116-123 SP. ISS. SI JAN 2019 Research Fields: AGRICULTURAL SCIENCES	Times Cited: 4
1	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 TECHNOL 161: 395-401 JUN 2014 Research Fields: BIOLOGY & BIOCHEMISTRY	Times Cited: 132

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

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

Source: BIOTECHNOL ADV 34 (6): 1091-1102 NOV 1 2016

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 100


3 **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 TECHNOL 249: 890-899 FEB 2018

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 22

 Research Front


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: J MEMBRANE SCI 450: 249-256 JAN 15 2014

Research Fields: CHEMISTRY

Times Cited: 153

 Research Front


2 **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: APPL CATAL B-ENVIRON 227: 557-570 JUL 5 2018

Research Fields: CHEMISTRY

Times Cited: 31

 Research Front


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: 87

 Research Front


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: 41

 Research Front

<p>1 INTUITIONISTIC FUZZY ORDERED WEIGHTED DISTANCE OPERATOR</p> <p>By: ZENG, SZ; SU, WH; Source: KNOWL-BASED SYST 24 (8): 1224-1232 DEC 2011 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 119</p>
<p>2 BLOCK-ROW SPARSE MULTIVIEW MULTILABEL LEARNING FOR IMAGE CLASSIFICATION</p> <p>By: ZHU, XF; LI, XL; ZHANG, SC; Source: IEE TRANS CYBERN 46 (2): 450-461 SP. ISS. SI FEB 2016 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 117</p> <p> Research Front</p>
<p>3 ROBUST JOINT GRAPH SPARSE CODING FOR UNSUPERVISED SPECTRAL FEATURE SELECTION</p> <p>By: ZHU, XF; LI, XL; ZHANG, SC; et.al Source: IEEE TRANS NEURAL NETW LEARN 28 (6): 1263-1275 JUN 2017 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 101</p> <p> Research Front</p>
<p>4 JOINT MODE SELECTION AND RESOURCE ALLOCATION FOR DEVICE-TO-DEVICE COMMUNICATIONS</p> <p>By: YU, GD; XU, LK; FENG, DQ; et.al Source: IEEE TRANS COMMUN 62 (11): 3814-3824 NOV 2014 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 91</p>
<p>5 FOG-BASED STORAGE TECHNOLOGY TO FIGHT WITH CYBER THREAT</p> <p>By: WANG, T; ZHOU, JY; HUANG, MZ; et.al Source: FUTURE GENER COMPUT SYST 83: 208-218 JUN 2018 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 30</p> <p> Research Front</p>
<p>6 A PERSONALIZED AUTHORITATIVE USER-BASED RECOMMENDATION FOR SOCIAL TAGGING</p> <p>By: WEI, JL; MENG, F; ARUNKUMAR, N; Source: FUTURE GENER COMPUT SYST 86: 355-361 SEP 2018 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 23</p> <p> Research Front</p>
<p>7 CCA-SECURE ABE WITH OUTSOURCED DECRYPTION FOR FOG COMPUTING</p> <p>By: ZUO, C; SHAO, J; WEI, GY; et.al Source: FUTURE GENER COMPUT SYST 78: 730-738 PART 2 JAN 2018 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 21</p> <p> Research Front</p>

<p>8 A LOW REDUNDANCY DATA COLLECTION SCHEME TO MAXIMIZE LIFETIME USING MATRIX COMPLETION TECHNIQUE</p> <p>By: TAN, J; LIU, W; XIE, MD; et.al Source: EURASIP J WIREL COMMUN NETW : - JAN 8 2019 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 14</p> <p> Research Front</p>
<p>9 COUPLING RESOURCE MANAGEMENT BASED ON FOG COMPUTING IN SMART CITY SYSTEMS</p> <p>By: WANG, T; LIANG, YZ; JIA, WJ; et.al Source: J NETW COMPUT APPL 135: 11-19 JUN 1 2019 Research Fields: COMPUTER SCIENCE</p>	<p>Times Cited: 8</p> <p> Research Front</p>
<p>1 PREPARATION AND CHARACTERIZATION OF PES-SIO2 ORGANIC-INORGANIC COMPOSITE ULTRAFILTRATION MEMBRANE FOR RAW WATER PRETREATMENT</p> <p>By: SHEN, JN; RUAN, HM; WU, LG; et.al Source: CHEM ENG J 168 (3): 1272-1278 APR 15 2011 Research Fields: ENGINEERING</p>	<p>Times Cited: 126</p>
<p>2 SELECTIVE REMOVAL OF HG(II) WITH POLYACRYLONITRILE-2-AMINO-1,3, 4-THIAZOLE CHELATING RESIN: BATCH AND COLUMN STUDY</p> <p>By: XIONG, CH; LI, YL; WANG, GT; et.al Source: CHEM ENG J 259: 257-265 JAN 1 2015 Research Fields: ENGINEERING</p>	<p>Times Cited: 74</p>
<p>3 JOINT SPECTRUM AND POWER ALLOCATION FOR D2D COMMUNICATIONS UNDERLAYING CELLULAR NETWORKS</p> <p>By: YIN, R; ZHONG, CJ; YU, GD; et.al Source: IEEE TRANS VEH TECHNOL 65 (4): 2182-2195 APR 2016 Research Fields: ENGINEERING</p>	<p>Times Cited: 54</p>
<p>4 ONE-STEP REMOVAL OF CR(VI) AT ALKALINE PH BY UV/SULFITE PROCESS: REDUCTION TO CR(III) AND IN SITU CR(III) PRECIPITATION</p> <p>By: XIE, BH; SHAN, C; XU, Z; et.al Source: CHEM ENG J 308: 791-797 JAN 15 2017 Research Fields: ENGINEERING</p>	<p>Times Cited: 48</p>

<p>5 FABRICATION OF 3D BI₂O₃-BIOI HETEROJUNCTION BY A SIMPLE DIPPING METHOD: HIGHLY ENHANCED VISIBLE-LIGHT PHOTOELECTROCATALYTIC ACTIVITY</p> <p>By: CONG, YQ; JI, Y; GE, YH; et.al Source: CHEM ENG J 307: 572-582 JAN 1 2017 Research Fields: ENGINEERING</p>	<p>Times Cited: 34</p>
<p>6 INSIGHTS INTO ATRAZINE DEGRADATION BY PERSULFATE ACTIVATION USING COMPOSITE OF NANOSCALE ZERO-VALENT IRON AND GRAPHENE: PERFORMANCES AND MECHANISMS</p> <p>By: WU, SH; HE, HJ; LI, X; et.al Source: CHEM ENG J 341: 126-136 JUN 1 2018 Research Fields: ENGINEERING</p>	<p>Times Cited: 33</p> <p> ESI Hot</p> <p> Research Front</p>
<p>7 AN APPROACH FOR ENUMERATING MINIMAL SIPHONS IN A SUBCLASS OF PETRI NETS</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: 23</p> <p> Research Front</p>
<p>8 A NOVEL APPROACH FOR CONSTRAINT TRANSFORMATION IN PETRI NETS WITH UNCONTROLLABLE TRANSITIONS</p> <p>By: WANG, SG; YOU, D; SEATZU, C; Source: IEEE TRANS SYST MAN CYBERN-SY 48 (8): 1403-1410 AUG 2018 Research Fields: ENGINEERING</p>	<p>Times Cited: 19</p> <p> Research Front</p>
<p>9 WHAT MATTERS FOR CARBON EMISSIONS IN REGIONAL SECTORS? A CHINA STUDY OF EXTENDED STIRPAT MODEL</p> <p>By: YANG, LX; XIA, H; ZHANG, XL; et.al Source: J CLEAN PROD 180: 595-602 APR 10 2018 Research Fields: ENGINEERING</p>	<p>Times Cited: 17</p>
<p>10 PERFORMANCES AND MECHANISMS OF EFFICIENT DEGRADATION OF ATRAZINE USING PEROXYMONOSULFATE AND FERRATE AS OXIDANTS</p> <p>By: WU, SH; LI, HR; LI, X; et.al Source: CHEM ENG J 353: 533-541 DEC 1 2018 Research Fields: ENGINEERING</p>	<p>Times Cited: 15</p> <p> ESI Hot</p>

<p>1 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 RES 69: 223-233 FEB 1 2015 Research Fields: ENVIRONMENT/ECOLOGY</p>	<p>Times Cited: 142</p>
<p>2 ROLES OF REACTIVE CHLORINE SPECIES IN TRIMETHOPRIM DEGRADATION IN THE UV/CHLORINE PROCESS: KINETICS AND TRANSFORMATION PATHWAYS</p> <p>By: WU, ZH; FANG, JY; XIANG, YY; et.al Source: WATER RES 104: 272-282 NOV 1 2016 Research Fields: ENVIRONMENT/ECOLOGY</p>	<p>Times Cited: 67</p> <p> Research Front</p>
<p>3 INFLUENCE OF SALINITY ON MICROORGANISMS IN ACTIVATED SLUDGE PROCESSES: A REVIEW</p> <p>By: HE, HJ; CHEN, YJ; LI, X; et.al Source: INT BIODETERIOR BIODEGRAD 119: 520-527 SP. ISS. SI APR 2017 Research Fields: ENVIRONMENT/ECOLOGY</p>	<p>Times Cited: 38</p> <p> Research Front</p>
<p>4 BIOSORPTION OF CD(II) FROM SYNTHETIC WASTEWATER USING DRY BIOFILMS FROM BIOTRICKLING FILTERS</p> <p>By: HE, HJ; XIANG, ZH; CHEN, XJ; et.al Source: INT J ENVIRON SCI TECHNOL 15 (7): 1491-1500 JUL 2018 Research Fields: ENVIRONMENT/ECOLOGY</p>	<p>Times Cited: 27</p> <p> Research Front</p>

<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</p> <p>By: LIANG, Y; CAO, RX; Source: SOC INDIC RES 120 (3): 835-857 FEB 2015 Research Fields: SOCIAL SCIENCES, GENERAL</p>	<p>Times Cited: 78</p> <p> Research Front</p>
<p>2 HEALTH-RELATED QUALITY OF LIFE OF CHINESE EARTHQUAKE SURVIVORS: A CASE STUDY OF FIVE HARD-HIT DISASTER COUNTIES IN SICHUAN</p> <p>By: LIANG, Y; CHU, PH; WANG, XK; Source: SOC INDIC RES 119 (2): 943-966 NOV 2014 Research Fields: SOCIAL SCIENCES, GENERAL</p>	<p>Times Cited: 71</p> <p> Research Front</p>

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。