








根据 ESI 2019 年 5 月 9 日更新数据，浙江工商大学 ESI Top 论文共有 32 篇，ESI Hot 论文共有 1 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 19 篇，具体论文情况如下。





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| 1 | ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM MULBERRY LEAVES | Times Cited: 148 |
| | By: YING, Z; HAN, XX; LI, JR; Source: FOOD CHEM 127 (3): 1273-1279 AUG 1 2011 Research Fields: AGRICULTURAL SCIENCES | |
| 2 | PREBIOTICS: PRESENT AND FUTURE IN FOOD SCIENCE AND TECHNOLOGY | Times Cited: 133 |
| | By: WANG, YB; Source: FOOD RES INT 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: 86 |
| | 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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| <p>1 ANAEROBIC DIGESTION OF FOOD WASTE FOR VOLATILE FATTY ACIDS (VFAS) PRODUCTION WITH DIFFERENT TYPES OF INOCULUM: EFFECT OF PH</p> <p>By: WANG, K; YIN, J; SHEN, DS; et.al Source: BIORESOURCE TECHNOL 161: 395-401 JUN 2014 Research Fields: BIOLOGY & BIOCHEMISTRY</p> | <p>Times Cited: 122</p> |
| <p>2 CHALLENGES AND SOLUTIONS FOR BIOFILTRATION OF HYDROPHOBIC VOLATILE ORGANIC COMPOUNDS</p> <p>By: CHENG, Y; HE, HJ; YANG, CP; et.al Source: BIOTECHNOL ADV 34 (6): 1091-1102 NOV 1 2016 Research Fields: BIOLOGY & BIOCHEMISTRY</p> | <p>Times Cited: 88</p> |
| <p>3 EFFECT OF SALINITY ON REMOVAL PERFORMANCE AND ACTIVATED SLUDGE CHARACTERISTICS IN SEQUENCING BATCH REACTORS</p> <p>By: CHEN, YJ; HE, HJ; LIU, HY; et.al Source: BIORESOURCE TECHNOL 249: 890-899 FEB 2018 Research Fields: BIOLOGY & BIOCHEMISTRY</p> | <p>Times Cited: 17</p> |

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| <p>1 IMPROVING THE PERFORMANCE OF POLYAMIDE REVERSE OSMOSIS MEMBRANE BY INCORPORATION OF MODIFIED MULTI-WALLED CARBON NANOTUBES</p> <p>By: ZHAO, HY; QIU, S; WU, LG; et.al Source: J MEMBRANE SCI 450: 249-256 JAN 15 2014 Research Fields: CHEMISTRY</p> | <p>Times Cited: 142</p> <p> Research Front</p> |
| <p>2 MICROSTRUCTURE AND PERFORMANCE OF Z-SCHEME PHOTOCATALYST OF SILVER PHOSPHATE MODIFIED BY MWCNTS AND CR-DOPED SrTiO3 FOR MALACHITE GREEN DEGRADATION</p> <p>By: LIN, Y; WU, SH; LI, X; et.al Source: APPL CATAL B-ENVIRON 227: 557-570 JUL 5 2018 Research Fields: CHEMISTRY</p> | <p>Times Cited: 14</p> <p> Research Front</p> |

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| 1 | INTUITIONISTIC FUZZY ORDERED WEIGHTED DISTANCE OPERATOR By: ZENG, SZ; SU, WH; Source: KNOWL-BASED SYST 24 (8): 1224-1232 DEC 2011 Research Fields: COMPUTER SCIENCE | Times Cited: 116 |
| 2 | A GAME-THEORETIC METHOD OF FAIR RESOURCE ALLOCATION FOR CLOUD COMPUTING SERVICES By: WEI, GY; VASILAKOS, AV; ZHENG, Y; et.al Source: J SUPERCOMPUT 54 (2): 252-269 NOV 2010 Research Fields: COMPUTER SCIENCE | Times Cited: 111 |
| 3 | BLOCK-ROW SPARSE MULTIVIEW MULTILABEL LEARNING FOR IMAGE CLASSIFICATION By: ZHU, XF; LI, XL; ZHANG, SC; Source: IEE TRANS CYBERN 46 (2): 450-461 SP. ISS. SI FEB 2016 Research Fields: COMPUTER SCIENCE | Times Cited: 103  Research Front |
| 4 | ROBUST JOINT GRAPH SPARSE CODING FOR UNSUPERVISED SPECTRAL FEATURE SELECTION 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 | Times Cited: 81  Research Front |
| 5 | JOINT MODE SELECTION AND RESOURCE ALLOCATION FOR DEVICE-TO-DEVICE COMMUNICATIONS By: YU, GD; XU, LK; FENG, DQ; et.al Source: IEEE TRANS COMMUN 62 (11): 3814-3824 NOV 2014 Research Fields: COMPUTER SCIENCE | Times Cited: 81  Research Front |


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| 6 | <p>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: 22</p> <p> Research Front</p> |
| 7 | <p>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: 20</p> <p> Research Front</p> |
| 8 | <p>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: 14</p> <p> Research Front</p> |
| 9 | <p>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: 5</p> <p> Research Front</p> |
| 1 | <p>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: 118</p> |
| 2 | <p>SELECTIVE REMOVAL OF HG(II) WITH POLYACRYLONITRILE-2-AMINO-1,3, 4-THIADIAZOLE 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: 70</p> |
| 3 | <p>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: 45</p> |

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| 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: 35 |
| | By: XIE, BH; SHAN, C; XU, Z; et.al Source: CHEM ENG J 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: 27 |
| | By: CONG, YQ; JI, Y; GE, YH; et.al Source: CHEM ENG J 307: 572-582 JAN 1 2017 Research Fields: ENGINEERING | |
| 6 | AN APPROACH FOR ENUMERATING MINIMAL SIPHONS IN A SUBCLASS OF PETRI NETS | Times Cited: 18  Research Front |
| | By: YOU, D; WANG, SG; DAI, WZ; et.al Source: IEEE ACCESS 6: 4255-4265 2018 Research Fields: ENGINEERING | |
| 7 | A NOVEL APPROACH FOR CONSTRAINT TRANSFORMATION IN PETRI NETS WITH UNCONTROLLABLE TRANSITIONS | Times Cited: 15  Research Front |
| | By: WANG, SG; YOU, D; SEATZU, C; Source: IEEE TRANS SYST MAN CYBERN-SY 48 (8): 1403-1410 AUG 2018 Research Fields: ENGINEERING | |
| 8 | WHAT MATTERS FOR CARBON EMISSIONS IN REGIONAL SECTORS? A CHINA STUDY OF EXTENDED STIRPAT MODEL | Times Cited: 11 |
| | By: YANG, LX; XIA, H; ZHANG, XL; et.al Source: J CLEAN PROD 180: 595-602 APR 10 2018 Research Fields: ENGINEERING | |
| 1 | REMOVAL OF 2-MIB AND GEOSMIN USING UV/PERSULFATE: CONTRIBUTIONS OF HYDROXYL AND SULFATE RADICALS | Times Cited: 120  Research Front |
| | By: XIE, PC; MA, J; LIU, W; et.al Source: WATER RES 69: 223-233 FEB 1 2015 Research Fields: ENVIRONMENT/ECOLOGY | |
| 2 | ROLES OF REACTIVE CHLORINE SPECIES IN TRIMETHOPRIM DEGRADATION IN THE UV/CHLORINE PROCESS: KINETICS AND TRANSFORMATION PATHWAYS | Times Cited: 51  Research Front |
| | By: WU, ZH; FANG, JY; XIANG, YY; et.al Source: WATER RES 104: 272-282 NOV 1 2016 Research Fields: ENVIRONMENT/ECOLOGY | |

3 **COMPARISON OF THE REACTIVITY OF IBUPROFEN WITH SULFATE AND HYDROXYL RADICALS: AN EXPERIMENTAL AND THEORETICAL STUDY**

By: YANG, ZH; SU, RK; LUO, S; et.al
Source: SCI TOTAL ENVIR 590: 751-760 JUL 15 2017
Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 28

 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: INT J ENVIRON SCI TECHNOL 15 (7): 1491-1500 JUL 2018
Research Fields: ENVIRONMENT/ECOLOGY


Times Cited: 18

 ESI Hot

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: ENVIRON SCI TECHNOL 52 (7): 4313-4323 APR 3 2018
Research Fields: ENVIRONMENT/ECOLOGY


Times Cited: 10

 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: SOC INDIC RES 120 (3): 835-857 FEB 2015
Research Fields: SOCIAL SCIENCES, GENERAL


Times Cited: 77

 Research Front

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: SOC INDIC RES 119 (2): 943-966 NOV 2014
Research Fields: SOCIAL SCIENCES, GENERAL

Times Cited: 70

 Research Front

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。