**2017年度中国农业科学院农业质量标准与检测技术研究所JCR排名前25%论文**

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| **序号** | **论文题目** | **第一作者/通讯作者** | **期刊名称** | **期刊ISSN** | **卷期号** | **起止页码** | **期刊类型** |
| 1 | Application of Au based nanomaterials in analytical science | 王培龙，苏晓鸥\* | Nano Today | 1748-0132 | 12 | 64-97 | SCI期刊（影响因子≥10）论文 |
| 2 | Dual-competitive lateral flow aptasensor for detection of aflatoxin B1 in food and feedstuffs.  | 陈爱亮\* | Journal of Hazardous Materials | 0304-3894 | 344 | 249–257 | JCR排名前5%期刊论文 |
| 3 | Determination of hymexazol in 26 foods of plat origin by modified QuEChERS method and liquid chromatography tandem-mass spectrometry | 邵华，王静\* | Food Chemistry | 0308-8146 | 228 | 411-419 | JCR排名前5%期刊论文 |
| 4 | Tracking Changes of Hexabromocyclododecanes During the Refining Process in Peanut, Corn, and Soybean Oils | 金芬\* | Journal of Agricultural and Food Chemistry | 0021-8561 | 65 (45) | 9880-9886 | JCR排名前5%期刊论文 |
| 5 | SERS-active metal-organic frameworks with embedded gold nanoparticles | 王静\*，佘永新\* | Analyst | 0003-2654 | 142 | 2640-2647 | JCR排名前5-25%期刊论文 |
| 6 | A highly selective electrochemical sensor based on molecularly imprinted polypyrrole-modified gold electrode for the determination of glyphosate in cucumber and tap water | 佘永新\*，王静\* | Analytical and Bioanalytical Chemistry | 1618-2642 | 4 | 1-12 | JCR排名前5-25%期刊论文 |
| 7 | Joint acute and endocrine disruptive toxicities of malathion, cypermethrin and prochloraz to embryo-larval zebrafish, Darzio rerio  | 钱永忠\* | Chemosphere | 0045-6535 | 166 | 63-71 | JCR排名前5-25%期刊论文 |
| 8 | Mixture toxicity of four commonly used pesticides at different effect levels to the epigeic earthworm, Eisenia fetida | 杨桂玲，陈晨，钱永忠\* | Ecotoxicology and Environmental Safety | 0147-6513 | 142 | 29-39 | JCR排名前5-25%期刊论文 |
| 9 | Recent developments in the application of nuclear technology in agro-food quality and safety control in China | 陈天金，叶志华\* | Food control |  0956-7135 | 72 | 306-312 | JCR排名前5-25%期刊论文 |
| 10 | Global occurrence of polybrominated diphenyl ethers and their hydroxylated and methoxylated structural analogues in an important animal feed (fishmeal) | 李晓敏，苏晓鸥 | Environmental Pollution | 0269-7491 | - | - | JCR排名前5-25%期刊论文 |
| 11 | A panel of SNPs markers for meat traceability of Halal beef in the Chinese market | 杨曙明 | Food control |  0956-7135 | 2017 | DOI: 10.1016/j.foodcont.2017.161.039 | JCR排名前5-25%期刊论文 |
| 12 | Microsatellite markers for animal identification and meat traceability of six beef cattle breeds in the Chinese market | 赵洁，杨曙明\*，陈爱亮\* | Food control |  0956-7135 | 78 | 469–475 | JCR排名前5-25%期刊论文 |
| 13 | Simultaneous determination of three pesticide adjuvant residues in plant-derived agro-products using liquid chromatography-tandem mass spectrometry | 王静\* | Journal of Chromatography A | 0021-9673 | 1528 | 53-60 | JCR排名前5-25%期刊论文 |
| 14 | Fast determination of alkylphenol ethoxylates in leafy vegetables using a modified quick, easy, cheap, effective, rugged, and safe method and ultra-high performance supercritical fluid chromatography–tandem mass spectrometry | 金芬\*，王静\* | Journal of Chromatography A | 0021-9673 | 1525 | 161-172 | JCR排名前5-25%期刊论文 |
| 15 | Pseudo template molecularly imprinted polymer for determination of 14 kind of b-agonists in animal urine by ultra-high-performanceliquid chromatography-tandem mass spectrometry.  | 索德成，王培龙\*，苏晓鸥\* | Journal of Chromatography A | 0021-9673  | 1256 | 23-30 | JCR排名前5-25%期刊论文 |
| 16 | Subcritical water extraction combined with molecular imprinting technology for sample preparation in the detection of triazine herbicides. | 王珊珊，佘永新\*，王静\* | Journal of Chromatography A | 0021-9673 | 15115 | 17-22 | JCR排名前5-25%期刊论文 |
| 17 | Application of enzymatic probe sonication for selenium spciation animal feeds | 肖志明，樊霞\* | Journal of Chromatography A | 0021-9673  | 1530 | 51-58 | JCR排名前5-25%期刊论文 |
| 18 | Competitive colorimetric triazophos immunoassay employing magnetic microspheres and multi-labeled gold nanoparticles along with enzymatic signal enhancement | 金茂俊\*，王静\* | Microchimica Acta | 0026-3672 | 184-10 | 3705-3712 | JCR排名前5-25%期刊论文 |
| 19 | Halogenated and Parent Polycyclic Aromatic Hydrocarbons in Vegetables: Levels, Dietary Intakes, and Health Risk Assessments | 金芬\* | Science of the Total Environment | 0048-9697 | 616-617 | 288-295 | JCR排名前5-25%期刊论文 |
| 20 | Ultrasensitive Detection of Salbutamol in Animal Urine by Immunomagnetic Bead Treatment Coupling with Surface-Enhanced Raman Spectroscopy | 程劼，苏晓鸥\* | Sensors and Actuators B: Chemical | 0925-4005 | 255 | 2329-2338 | JCR排名前5-25%期刊论文 |
| 21 | Determination of inorganic arsenic in algae using bromine halogenation and on-line nonpolar solid phase extraction followed by hydride generation atomic fluorescence spectrometry | 刘霁欣\*，毛雪飞\* | Talanta | 0039-9140 | 170 | 152-157 | JCR排名前5-25%期刊论文 |
| 22 | Detection of aflatoxin B1 in food samples based on target-responsive aptamer-cross-linked hydrogel using a handheld pH meter as readout | 王培龙，苏晓鸥\* | Talanta | 0039-9140 | 176 | 34-39 | JCR排名前5-25%期刊论文 |
| 23 | Identification of transcriptional biomarkers by RNA-sequencing for improved detection of β2-agonists abuse in goat skeletal muscle | 杨曙明 | PLoS One | 1932-6203 | 2017 Jul 26;12(7) |  | JCR排名前5-25%期刊论文 |
| 24 | Ultrasensitive detection of lead(II) using a turn-on probe based on the use of an aptamer and a water-soluble fluorescent perylene probe | 陈爱亮 | Microchimica Acta | 0026-3672 | 2017, 184  | 2439-2444 | JCR排名前5-25%期刊论文 |