

NUEVA BIBLIOGRAFÍA DISPONIBLE

MAYO 2020

BIOLOGICALS Vol. 64

- A real-time PCR assay based on a specific mutation of PstS1 gene for detection of *M. bovis* strains.

CIENCIA RURAL Vol. 50 Nº 4

- Agro-industrial wastes as sources of bioactive compounds for food and fermentation industries.

[Consulta en línea](#)

CROP PROTECCION Nº 133

- On-farm evaluations of non-fumigant nematicides on cucurbits.

CROP PROTECTION Nº 134

- Combining biocontrol agents with different mechanisms of action to control *Duponchelia fovealis*, an invasive pest in South America.

CROP PROTECTION Nº 134

- Yield effects associated with glyphosate use in non-GMO arable farming: A review.

EFSA JOURNAL Vol. 18 Nº 3

- Risk assessment of aflatoxins in food.
- Scientific Opinion of the Scientific Panel on Plant Protection Products and their Residues (PPR Panel) on the genotoxic potential of triazine amine (metabolite common to several sulfonylurea active substances).
- The European Union Summary Report on Antimicrobial Resistance in zoonotic and indicator bacteria from humans, animals and food in 2017/2018

[Consulta en línea](#)

EFSA JOURNAL Vol. 18 Nº 4

- Update of the *Xylella* spp. host plant database – systematic literature search up to 30 June 2019.

[Consulta en línea](#)

FOOD CONTROL Vol. 115

- Aptamer-modified pencil graphite electrodes for the impedimetric determination of ochratoxin A.

- Rapid and sensitive detection of VBNC *Escherichia coli* O157: H7 in beef by PMAxx and real-time LAMP.
- Analysis of highly polar pesticides and their main metabolites in animal origin matrices by hydrophilic interaction liquid chromatography and mass spectrometry.
- High Fundamental Frequency Quartz Crystal Microbalance (HFF-QCMD) Immunosensor for detection of sulfathiazole in honey.
- A novel approach to detect milk adulteration based on the determination of protein content by smartphone-based digital image colorimetry.

FOOD CHEMISTRY Vol. 320

- Comprehensive strategy for analysis of pesticide multi-residues in food by GC–MS/MS and UPLC-Q-Orbitrap.

FOOD CHEMISTRY Vol. 321

- Broad-spectrum detection of zeranol and its analogues by a colloidal gold-based lateral flow immunochromatographic assay in milk.
- Rapid method for the determination of citrate, phosphate and sulfite in seafood by capillary zone electrophoresis.
- A one adsorbent QuEChERS method coupled with LC-MS/MS for simultaneous determination of 10 organophosphorus pesticide residues in tea.

FOOD CHEMISTRY Vol. 322

- Simultaneous determination of 42 pharmaceuticals in seafood samples by solvent extraction coupled to liquid chromatography–tandem mass spectrometry.
- Recombinase polymerase amplification assays for the identification of pork and horsemeat.
- Impedimetric aptasensor based on highly porous gold for sensitive detection of acetamiprid in fruits and vegetables.

INDUSTRIAL CROPS AND PRODUCTS Vol. 149

- Simultaneous quantitative screening of 53 phytochemicals in 33 species of medicinal and aromatic plants: A detailed, robust and comprehensive LC–MS/MS method validation.
- Formulation and assessment of nano-encapsulated bioherbicides based on biopolymers and essential oil.

INTERNATIONAL JOURNAL OF FOOD Microbiology Vol. 325

- A loop-mediated isothermal amplification (LAMP) based assay for the rapid and sensitive group-specific detection of fumonisin producing *Fusarium* spp.

INVET Vol. 21 Nº 2

- Detección de la garrapata exótica *Amblyomma varanense* (Acari: Ixodidae) en especímenes importados de *Varanus salvator* (Squamata: Varanidae) en la Argentina.

[Consulta en línea](#)

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY Vol. 68 Nº 11

- C–P Natural Products as Next-Generation Herbicides: Chemistry and Biology of Glufosinate.

JOURNAL OF CHROMATOGRAPHY A Nº 1617

- Determination of veterinary drug/pesticide residues in livestock and poultry excrement using selective accelerated solvent extraction and magnetic material purification combined with ultra-high-performance liquid chromatography–tandem mass spectrometry.

- Determination of sulfonylurea pesticide residues in edible seeds used as nutraceuticals by QuEChERS in combination with ultra-high-performance liquid chromatography-tandem mass spectrometry.

JOURNAL OF CHROMATOGRAPHY B Nº 1145

- Acetonitrile-Ethyl acetate based method for the residue analysis of 373 pesticides in beeswax using LC-MS/MS and GC-MS/MS.

JOURNAL OF FOOD SCIENCE Vol. 85 Nº 3

- A multiplex PCR assay with a common primer for the detection of eleven foodborne pathogens.

JOURNAL OF FOOD SCIENCE Vol. 85 Nº 4

- Food safety in global supply chains: A literature review.

JOURNAL OF PHYTOPATHOLOGY Vol. 168 Nº 4

- Pathotype and SSR variation in *Phytophthora sojae* from the Argentinean Pampas.

JOURNAL OF PHYTOPATHOLOGY Vol. 168 Nº 5

- Assessment of glucosinolate-derived isothiocyanates as potential natural antifungal compounds against citrus sour rot disease agent *Geotrichum citri-aurantii*

JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE Vol. 100 Nº 5

- Determination of pesticide residual levels in strawberry (*Fragaria*) by near-infrared spectroscopy.
- Developing a highly selective method for preconcentration and determination of cobalt in water and nut samples using 1-(2-pyridylazo)-2-naphthol and UV-visible spectroscopy.

JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE Vol. 100 Nº 6

- Pesticide residues determination in common bean using an optimized QuEChERS approach followed by solvent exchange and GC-MS/MS analysis.
- Detection of DDT and carbaryl pesticides in honey by means of immunosensors based on high fundamental frequency quartz crystal microbalance (HFF-QCM).

JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE Vol. 100 Nº 7

- Effects of *Fusarium graminearum* and *Fusarium poae* on disease parameters, grain quality and mycotoxin contamination in barley (part II).

LA ALIMENTACION LATINOAMERICANA Vol. LIV Nº 347

- Los tomates de la nueva generación: frescos, inocuos y 4.0.
- Aplicación de métodos combinados en la conservación de garbanzos (*Cicer Arietinum* L.) y su comparación con métodos convencionales.
- Vigilancia de aflatoxina b1 en pipas, frutos secos y productos derivados en el instituto nacional de higiene, epidemiología y microbiología (INHEM).
- *Fusarium*, calidad de harina de trigo y toxinas.

[Consulta en línea](#)

LWT Vol. 126

- Rapid and visual detection of *Salmonella* in meat using *invasin A* (*invA*) gene-based loop-mediated isothermal amplification assay.

LWT Vol. 127

- Simultaneous determination of goat milk adulteration with cow milk and their fat and protein contents using NIR spectroscopy and PLS algorithms.

MICROBIAL PATHOGENESIS Vol. 144

- Genetic signatures of the immune-escaping type 2 porcine reproductive and respiratory syndrome virus in farms with a robust vaccination program.

PESQUISA VETERINARIA BRASILEIRA Vol. 40 Nº 1

- Bovine tuberculosis: diagnosis in dairy cattle through the association of analyzes.

[Consulta en línea](#)

PLANT PATHOLOGY Vol. 69 Nº 3

- Root-lesion nematodes of potato: Current status of diagnostics, pathogenicity and management.
- Gramineous weeds near paddy fields are alternative hosts for the *Fusarium graminearum* species complex that causes fusarium head blight in rice.

PLANT PATHOLOGY Vol. 69 Nº 4

- Virulence and pCM1 plasmid carriage are related to BOX-PCR fingerprint type in strains of *Clavibacter michiganensis* subsp. *michiganensis* that cause bacterial wilt and canker of tomato in Argentina.
- Transcriptomic analysis reveals root metabolic alteration and induction of huanglongbing resistance by sulphonamide antibiotics in huanglongbing-affected citrus plants

PREVENTIVE VETERINARY MEDICINE Vol. 178

- Contrasting animal movement and spatial connectivity networks in shaping transmission pathways of a genetically diverse virus.

RESEARCH IN VETERINARY SCIENCE Vol. 131

- COVID-19 from veterinary medicine and one health perspectives: What animal coronaviruses have taught us.

REVISTA DE LA SOCIEDAD ENTOMOLOGICA ARGENTINA Vol. 79 Nº 1

- *Shinckadunus*, a new myodochine genus to accommodate *Dushinckanus mesopotamicus* Dellapé & Melo, 2005 (Hemiptera: Heteroptera: Rhyparochromidae).
- Evaluation of the toxicity of three plant extracts against the Khapra beetle *Trogoderma granarium* Everts (Coleoptera: Dermestidae) under laboratory conditions.

[Consulta en línea](#)

TALANTA nº 216

- *In situ* seed-growth synthesis of silver nanoplates on glass for the detection of food contaminants by surface enhanced Raman scattering.
- Simultaneous determination of strobilurin fungicides residues in bean samples by HPLC-UV-AD using boron-doped diamond electrode.
- Electrochemical immunosensor towards invasion-associated protein p60: An alternative strategy for *Listeria monocytogenes* screening in food.
- Detection of melamine and sucrose as adulterants in milk powder using near-infrared spectroscopy with DD-SIMCA as one-class classifier and MCR-ALS as a means to provide pure profiles of milk and of both adulterants with forensic evidence: A short communication.

TALANTA Nº 217

- Rapid nondestructive detection of mixed pesticides residues on fruit surface using SERS combined with self-modeling mixture analysis method

TOXICON Vol. 181

- A non-toxicogenic *Aspergillus flavus* strain prevents the spreading of *Fusarium verticillioides* and fumonisins in maize.

VETERINARIA ARGENTINA Vol-XXXVII Nº 384

- Revisión de la utilización de aditivos probióticos en el sector porcino.

[Consulta en línea](#)

VETERINARY MICROBIOLOGY Vol. 244

- Novel human coronavirus (SARS-CoV-2): A lesson from animal coronaviruses.

CORONAVIRUS – Artículos científicos de libre acceso:

<https://www.sciencedirect.com/topics/veterinary-science-and-veterinary-medicine/coronavirus>

<https://novel-coronavirus.onlinelibrary.wiley.com/>

LIBROS DIGITALES:

(2020) *Veterinary Laboratory Support to the Public Health Response for COVID-19: Testing of human diagnostic specimens in veterinary laboratories*. Paris: OIE

AVISO IMPORTANTE

Se encuentra a disposición del personal de Senasa el acceso a la **Biblioteca Electrónica del Ministerio de Ciencia, Tecnología e Innovación Productiva (BECyT)**.

A tal efecto, contamos con equipamiento exclusiva con acceso a textos completos de publicaciones periódicas y libros. Para informarte sobre la biblioteca virtual podés comunicarte con nosotros.

En este caso sugerimos consultar previamente los catálogos vía Internet en www.biblioteca.mincyt.gob.ar.

Asimismo, si querés solicitar algún artículo del presente boletín podés hacerlo:

Personalmente en Av. Paseo Colón 367 PB (ACD1063), CABA.

Telefónicamente: 0800-999-2386 o (011) 4121-5460/5461.

Vía mail (cdei@senasa.gob.ar) detallando lo más claramente posible el alcance de su pedido.