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JUNE 2020

NEW RESOURCES

TRIALS

Food Science and Technology Abstract database: Research journal articles and patents

The [Food Science and Technology Abstracts](#) (FSTA) database has been made freely available to FAO colleagues by the Web of Science (WoS) and IFIS, an international information provider of food and drink related information.

This bibliographic R&D database contains journal articles, patents and conference proceedings on food and nutritional science, manually selected and indexed with the specialized FSTA thesaurus allowing you to set-up complex and exhaustive queries.



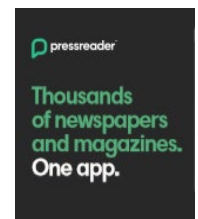
Period: 1 June - 31 July

Url: <https://access.webofknowledge.com/user/userLogin.do>

Login credentials: User ID: FAOUnited/Password: 7|St70\}%r{ (please do not change the pw, you can tick the box 'remember the password')

PressReader: Bringing 7,000 newspapers and magazines together on one platform

[PressReader](#) is a platform and app providing access to premium newspapers and magazines the moment they hit newsstands. In total the app provides access to over 7000 titles from 120+ countries in 60+ languages



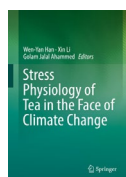
Period: 1-30 June

Access procedure: Click [here](#) (please do not share link outside the organization) and register an account by clicking on 'Sign in' in the top right corner and selecting the option 'Register'.

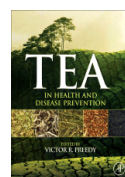
NEW BOOKS

Recently FAO celebrated the first International Tea Day (21 May). To contribute to this event, please find here below some of the latest e-books on tea published by imprints of CABI, Elsevier, Springer and Taylor & Francis.

E-books



Han Wen-Yan, Li Xin & Ahammed, G.J., eds. 2018. [STRESS PHYSIOLOGY OF TEA IN THE FACE OF CLIMATE CHANGE](#). Singapore, Singapore, Springer. **Access:** copy url of book or catalog record in the browse box of the SAG.



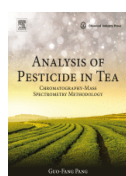
Preedy, V.R., 2013. [TEA IN HEALTH AND DISEASE PREVENTION](#). London, UK, Academic Press. **Contact** fao-library-loans@fao.org and staff will send you the PDF.



Jain, N.K., Siddiqi, M.A. & Weisburger, J.H., eds. 2006. [PROTECTIVE EFFECTS OF TEA ON HUMAN HEALTH](#). Wallingford, UK, CABI. **Access:** copy url of book or catalog record in the browse box of the SAG.



Sharma, V.S. & Kumudini Gunasekare, M.T., eds. 2018 [GLOBAL TEA SCIENCE: CURRENT STATUS AND FUTURE NEEDS](#). Cambridge, UK, Burleigh Dodds Science Pub. **Contact** fao-library-loans@fao.org and staff will send you the PDF.



Pang Guo-Fang. 2018. [ANALYSIS OF PESTICIDE IN TEA: CHROMATOGRAPHY-MASS SPECTROMETRY METHODOLOGY](#). Amsterdam, Netherlands, Elsevier. **Contact** fao-library-loans@fao.org and staff will send you the PDF.



Zhen Yong-Su, ed. 2002. [TEA: BIOACTIVITY AND THERAPEUTIC POTENTIAL](#). London, UK, CRC Press. **Contact** fao-library-loans@fao.org and staff will send you the PDF.

NEW OECD PUBLICATIONS

The OECD [iLibrary](#) contains books, papers and statistics in the areas of work of FAO. To obtain the full-text, please e-mail: fao-library-loans@fao.org.

HIGHLIGHTS



OECD. 2020.
[COVID-19 AND THE FOOD AND AGRICULTURE SECTOR: ISSUES AND POLICY RESPONSES](#)
 Paris, France, OECD.



OECD. 2020.
[ENHANCED ACCESS TO PUBLICLY FUNDED DATA FOR SCIENCE, TECHNOLOGY AND INNOVATION](#)
 Paris, France, OECD.



OECD. 2020.
[DEVELOPMENT ASSISTANCE COMMITTEE MEMBERS AND CIVIL SOCIETY](#)
 Paris, France, OECD.



OECD/UNDP. 2020.
[MAKING DEVELOPMENT CO-OPERATION MORE EFFECTIVE: 2019 PROGRESS REPORT](#)
 Paris, France, OECD/UNDP.

ARTICLES BY FAO AUTHOR

An overview of the latest journal articles and other document types (editorial material, letters, book chapters and conference proceedings) written or cowritten by authors affiliated to FAO. Main source of information is the Web of Science ([WoS](#)), the world's largest publisher-neutral abstract and citation platform of leading peer-reviewed international and regional scientific literature published periodically.

Use of local and global maps of forest canopy height and aboveground biomass to enhance local estimates of biomass in miombo woodlands in Tanzania
 INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION Volume: 89 Article Number: 102109
 DOI: 10.1016/j.jag.2020.102109
 Published: JUL 2020
 FAO authors: Pekkarinen, Anssi



Surveillance to improve evidence for community control decisions during the COVID-19 pandemic ? Opening the animal epidemic toolbox for Public Health
 ONE HEALTH Volume: 9 Article Number: 100130
 DOI: 10.1016/j.onehlt.2020.100130
 Published: JUN 2020
 FAO authors: Lubroth, Juan



Sub-Saharan Africa total diet study in Benin, Cameroon, Mali and Nigeria: Pesticides occurrence in foods
 FOOD CHEMISTRY-X Volume: 2 Article Number: UNSP 100034
 DOI: 10.1016/j.fochx.2019.100034
 Published: JUN 30 2019
 FAO authors: Leblanc, Jean-Charles



Clinically relevant antimicrobial resistance at the wildlife-live-stock-human interface in Nairobi: an epidemiological study
 LANCET PLANETARY HEALTH Volume: 3 Issue: 6 Pages: E259-E269
 DOI: 10.17638/datacat.liverpool.ac.uk/729
 Published: JUN 2019
 FAO authors: Robinson, Timothy P.



Detecting patterns of climate change in long-term forecasts of marine environmental parameters
 INTERNATIONAL JOURNAL OF DIGITAL EARTH
 Volume: 13 Issue: 5 Pages: 567-585
 DOI: 10.1080/17538947.2018.1543365
 Published: MAY 3 2020
 FAO authors: Ellenbroek, Anton



European anthropogenic AFOLU greenhouse gas emissions: a review and benchmark data
 EARTH SYSTEM SCIENCE DATA Volume: 12 Issue: 2 Pages: 961-1001
 DOI: 10.5194/essd-12-961-2020
 Published: MAY 1 2020
 FAO authors: Tubiello, Francesco N.; Conchedda, Giulia



Dietary exposure of Tunisian adult population aged from 19 to 65 years old to pesticides residues

FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT

DOI: 10.1080/19440049.2020.1744065

Early Access: MAY 2020

FAO authors: Leblanc, Jean-Charles

FAO access: fao-library-loans@fao.org

Rural in-migration and agricultural development: Evidence from Zambia

AGRICULTURAL ECONOMICS

DOI: 10.1111/agec.12567

Early Access: MAY 2020

Document Type: Article; Early Access

FAO author: Sitko, Nicholas J.

**Automatic Detection and Monitoring of Insect Pests: A Review**

AGRICULTURE Volume: 10 Issue: 5

DOI: 10.3390/agriculture10050161

Published: MAY 9 2020

FAO authors: Ferreira Lima, Matheus Cardim ; Pereira Coronel, Luis

**Rethinking water for SDG 6**

NATURE SUSTAINABILITY

DOI: 10.1038/s41893-020-0530-9

Early Access: MAY 2020

FAO authors: Borgomeo, Edoardo

**A Bold Call for Action Needed on Measuring SDG Indicators**

IISD/SDG KNOWLEDGE HUB

Published: APRIL 28 2020

FAO authors: Gennari, Pietro; Kalamvrezos Navarro, Dorian

[Access](#)**Forecasting International Sugar Prices: A Bayesian Model Average Analysis**

SUGAR TECH

DOI: 10.1007/s12355-020-00815-0

Early Access: APR 2020

FAO authors: Amrouk, El Mamoun

**The role of oxygen depletion and subsequent radioprotective effects during irradiation of mosquito pupae in water**

PARASITES & VECTORS Volume: 13 Issue: 1 Article Number: 198

DOI: 10.1186/s13071-020-04069-3

Published: APR 17 2020

FAO authors: Yamada, Hanano; Maiga, Hamidou; Bimbile-Somda, Nanwintoum Severin; Carvalho, Danilo O.; Mamai, Wadaka; Kraupa, Carina; Parker, Andrew G.; Abraham, Aiman; Weltin, Georg; Wallner, Thomas; Caceres, Carlos; Bouyer, Jeremy

**Multiple moves and return migration within developing countries: A comparative analysis**

POPULATION SPACE AND PLACE

Article Number: e2335

DOI: 10.1002/psp.2335

Early Access: APR 2020

FAO authors: Cattaneo, Andrea; Robinson, Sherman

**Multiple Factors Determine the Structure of Bacterial Communities Associated With Aedes albopictus Under Artificial Rearing Conditions**

FRONTIERS IN MICROBIOLOGY Volume: 11 Article Number: 605

DOI: 10.3389/fmicb.2020.00605

Published: APR 15 2020

FAO authors: Chen, Shi; Zhang, Dongjing; Augustinos, Antonios; Bourtzis, Kostas

**Genome Sequences of Foot-and-Mouth Disease Virus O/ME-SA/Ind-2001e Strains Isolated in Pakistan**

MICROBIOLOGY RESOURCE ANNOUNCEMENTS Volume: 9 Issue: 18

Article Number: e00165-20

DOI: 10.1128/MRA.00165-20

Published: APR 2020

FAO authors: Afzal, Muhammad; Manzoor, Shumaila

**A One Health framework for integrated service delivery in Turkana County, Kenya**

PASTORALISM-RESEARCH POLICY AND PRACTICE

Volume: 10 Issue: 1

Article Number: 7

DOI: 10.1186/s13570-020-00161-6

Published: APR 20 2020

FAO authors: Kimani, Tabitha

**The continental atlas of tsetse and African animal trypanosomiasis in Nigeria**

ACTA TROPICA Volume: 204

Article Number: UNSP 105328

DOI: 10.1016/j.actatropica.2020.105328

Published: APR 2020

FAO authors: de Gier, Jill; Cecchi, Giuliano; Paone, Massimo; Zhao, Weining

FAO access: fao-library-loans@fao.org

Evaluating Program Impact on Resilience: Evidence from Lesotho's Child Grants Programme

JOURNAL OF DEVELOPMENT STUDIES

DOI: 10.1080/00220388.2020.1746279

Early Access: APR 2020

FAO authors: D'Errico, Marco



Food price spikes: Is a cereal export ban the right response for Ethiopia?

OUTLOOK ON AGRICULTURE Article Number: UNSP 0030727020915207

DOI: 10.1177/0030727020915207

Early Access: APR 2020

FAO authors: Morales-Opazo, Cristian

**Development for water, food and nutrition in a competitive environment - How NGOs and CSOs are reshaping traditional farmer irrigation advisory services**

IRRIGATION AND DRAINAGE

DOI: 10.1002/ird.2444

Early Access: APR 2020

FAO authors: Unver, Olcay; Chavva, Konda

FAO access: fao-library-loans@fao.org

Predictive Livestock Early Warning System (PLEWS): Monitoring forage condition and implications for animal production in Kenya

WEATHER AND CLIMATE EXTREMES Volume: 27 Article Number: UNSP 100209

DOI: 10.1016/j.wace.2019.100209

Published: MAR 2020

FAO authors: Matere, Joseph; Simpkin, Piers; Olesambu, Emmanuella; Ramasamy, Selvaraju; Fasina, Folorunso

**Uncovering the challenges of domestic energy access in the context of weather and climate extremes in Somalia**

WEATHER AND CLIMATE EXTREMES Volume: 27 Article Number: UNSP 100185

DOI: 10.1016/j.wace.2018.09.002

Published: MAR 2020

FAO authors: Habimana, Didier; Joshi, Indira; Oduori, Simon Muli

**Editorial: Innovations in managing climate risks and building resilience in agriculture**

WEATHER AND CLIMATE EXTREMES Volume: 27 Article Number: UNSP 100228

DOI: 10.1016/j.wace.2019.100228

Published: MAR 2020

FAO authors: Ramasamy, Selvaraj

**Rapid detection of stressed agricultural environments in Africa under climatic change 2000? 2050 using agricultural resource indices and a hotspot mapping approach**

WEATHER AND CLIMATE EXTREMES Volume: 27 Article Number: UNSP 100211

DOI: 10.1016/j.wace.2019.100211

Published: MAR 2020

FAO authors: De Pauw, Eddy; Ramasamy, Selvaraju

**Potential distributions of *Bacillus anthracis* and *Bacillus cereus* biovar anthracis causing anthrax in Africa**

PLOS NEGLECTED TROPICAL DISEASES Volume: 14 Issue: 3 Article Number: e0008131

DOI: 10.1371/journal.pntd.0008131

Published: MAR 2020

FAO authors: Pittiglio, Claudia; Shadomy, Sean

**Eradicating the Scourge of Peste Des Petits Ruminants from the World**

VIRUSES-BASEL Volume: 12 Issue: 3 Article Number: 313

DOI: 10.3390/v12030313

Published: MAR 2020

FAO access: Njeumi, Felix; Diop, Bouna; Tekola, Berhe G

**Malnutrition and morbidity trends in Somalia between 2007 and 2016: results from 291 cross-sectional surveys**

BMJ OPEN Volume: 10 Issue: 2 Article Number: e033148

DOI: 10.1136/bmjopen-2019-033148

Published: FEB 2020

FAO authors: Yusuf, Abukar; Molla, Daniel

**Data-driven estimates of global nitrous oxide emissions from croplands**

NATIONAL SCIENCE REVIEW Volume: 7 Issue: 2 Pages: 441-452

DOI: 10.1093/nsr/nwz087

Published: FEB 2020

FAO authors: Tubiello, Francesco N.

**Tephritid-Related Databases TWD, IDIDAS, IDCT, DIR-SIT**

AREA-WIDE MANAGEMENT OF FRUIT FLY PESTS

Edited by: PerezStaples, D; DiazFleischer, F; Montoya, P; Vera, MT
Pages: 369-383

Published: 2020

FAO authors: Bakri, Abdeljelil; Enkerlin, Walther; Pereira, Rui; Hendrichs, Jorge

FAO access: fao-library-loans@fao.org

Traditional agri-food products as a leverage to motivate tourists A meta-analysis of tourism-information websites

JOURNAL OF PLACE MANAGEMENT AND DEVELOPMENT Volume: 13 Issue: 2 Pages: 195-214 Special Issue: SI

DOI: 10.1108/JPMD-05-2019-0032

Published: NOV 11 2019

FAO authors: Caffero, Carlo

FAO access: fao-library-loans@fao.org

International Database on Commodity Tolerance (IDCT)

AREA-WIDE MANAGEMENT OF FRUIT FLY PESTS

Edited by: PerezStaples, D; DiazFleischer, F; Montoya, P; Vera, MT

Pages: 161-168

Published: 2020

FAO authors: Bakri, Abdeljelil; Enkerlin, Walther

FAO access: fao-library-loans@fao.org**FAO Assists in Enhancing the Resilience of Mountain Communities and Environments**

MOUNTAIN RESEARCH AND DEVELOPMENT Volume: 39 Issue: 3

Pages: P1-P4

DOI: 10.1659/MRD-JOURNAL-D-20-00005.1

Published: AUG 2019

FAO authors: Makino, Yuka

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