

Publicaciones año 2022

AUTHORS	TITLE	DOI	SOURCE TITLE
García MJ, Angulo M, Romera FJ, Lucena C, Pérez-Vicente R	A shoot derived long distance iron signal may act upstream of the IMA peptides in the regulation of Fe deficiency responses in Arabidopsis thaliana roots.	13:971773.	Frontiers in Plant Science
García MJ, Angulo M, Lucena C, Pérez-Vicente R, Romera FJ	To grow or not to grow under nutrient scarcity: Target of rapamycin-ethylene is the question	13:968665.	Frontiers in Plant Science
Zarco-Tejada, Pablo; Hernández-Clemente, Rocío	Evaluation of SIF retrievals from narrow-band and sub-nanometer airborne hyperspectral imagers flown in tandem: Modelling and validation in the context of plant phenotyping		Remote Sensing of Environment
Jokar, Mahmoud; López-Bernal, Álvaro; Kamkar, Behnam	International Journal of Pest Management		International Journal of Pest Management
Gómez-Calero, José Alfonso; Rebollo-fernández, Pilar; Soriano Jiménez, María-Auxiliadora	Comparison of Soil Organic Carbon Stocks Evolution in Two Olive Orchards with Different Planting Systems in Southern Spain		Agriculture
Salamanca, Carlos; Soriano Jiménez, María-Auxiliadora; Testi-, Luca; Gomez-Macpherson, Helena	Effects of conservation tillage, controlled traffic and regulated deficit irrigation on soil CO2 emissions in a maize-based system in Mediterranean conditions		Science of the Total Environment
Lorite-Torres, Ignacio; Cabezas, José Manuel; De La Rosa-Navarro, Raul; Soriano Jiménez, MaríaAuxiliadora; León-Moreno, Lorenzo; Santos-Rufo, Cristina Maria	Enhancing the sustainability of Mediterranean olive groves through adaptation measures to climate change using modelling and response surfaces.		Agricultural and Forest Meteorology
Ramirez-cuesta, Juan Miguel; González-Dugo, Victoria; Zarco-Tejada, Pablo; Intrigliolo, Diego Sebastiano	Assessment of peach trees water status and leaf gas exchange using on-the-ground versus airborne-based thermal imagery		Agricultural Water Management

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Moldero , David; López-Bernal, Álvaro; Testi-, Luca; Lorite-Torres, Ignacio; Fereres-Castiel, Elias; Orgaz-Rosúa, Francisco	Vida Rural		Vida Rural
Bazkiaee, P.a.; Kamkar, Behnam; Amiri, E.; Kazemi, H.; Rezaei, M.; López-Bernal, Álvaro	International Journal of Environmental Science and Technology		International Journal of Environmental Science and Technology
Wellens, Joost; Raes, Dirk; Fereres-Castiel, Elias; Diels, Jan; Copppe, Cecilia; Adiele, Joy Geraldine; Guillaume Ezui, Kodjovi Senan; Becerra, Luis-augusto; Gonzalez-selvaraj, Michael; Dercon, Gerd; Khengheng, Lee	Calibration and validation of the FAO AquaCrop water productivity model for cassava (Manihot esculenta Crantz		Agricultural Water Management
Pérez-mendez, Néstor; De Miguel-Rojas, Cristina; Jimenez-berni, Jose Antonio; Gomez-candon, David; Pérez-De Luque, Alejandro; Fereres-Castiel, Elias; Catala-forner, Mar; Villegas, Dolors; SilleroSánchez De Puerta, Josefa Carmen	Plant Breeding and Management Strategies to Minimize the Impact of Water Scarcity and Biotic Stress in Cereal Crops under Mediterranean Conditions		Agronomy
Castro-Orgaz, Oscar; Cantero-Chinchilla, Francisco Nicolás	High-order shallow water expansions in free surface flows: Application to steady overflow processes		Ocean Engineering
Schils, René; Bufo, Conny; Rhymer, Caroline; Francksen, Richard M.; Klaus, Valentin H.; Abdalla, Mohamed ; Milazzo, Filippo; Lellei-kovács, Eszter ; Berge, Hein Ten; Bertora, Chiara ; Chodkiewicz, Anna ; Damatirca, Claudia ; Feigenwinter, Iris ; Fernandez-	Permanent grasslands in Europe: Land use change and intensification decrease their multifunctionality		Agriculture, Ecosystems & Environment

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Rebollo, Maria Del Pilar; Shiva Ghiasi, Shiva ; Hejduk,Stanislav ; Hiron, Matthew ; Janicka, Maria ; Pellaton, Raoul ; Smith, Kate E.; Thorman, Rachel ;Vanwalleghem-, Tom; Williams, John ; Zavattaro, Laura ; Kampen, Jarl ; Derkx, Ria ; Whittingham, Mark J.;Buchmann, Nina ; Newell Price, J. Pau			
García-Gamero, Vanesa; Vanwalleghem-, Tom; Peña-Acevedo, Adolfo; Román-Sánchez, Andrea;Finke, Peter A.	Modelling the effect of catena position and hydrology on soil chemical weathering		Soil
Milazzo, Filippo; Peña-Acevedo, Adolfo; Vanwalleghem-, Tom	The resilience of soil erosion rates under historical land use change in agroecosystems of Southern Spain		Science of the Total Environment
Castro-Orgaz, Oscar; Hager, Willi; Cantero-Chinchilla, Francisco Nicolás	Shallow Flows over Curved Beds: Application of the Serre-Green-Naghdi Theory to Weir Flow		Journal of Hydraulic Engineering
Escobar-ruiz, Veronica; Smith, Hugh; Macdonald, Neil; Peñuela, Andres	Simulated event-scale flow and sediment generation responses to agricultural land cover change in lowland UK catchments		Hydrological Processes
Castro-Orgaz, Oscar	Free surface profiles of near-critical instabilities in open channel flows: Undular hydraulic jumps		Environmental Fluid Mechanics
Gamero-Ojeda, Pedro Pablo; Cantero-Chinchilla, Francisco Nicolás; Bergillos, Rafael Jesús; Castro-Orgaz, Oscar; Dey, Subhasish	Shallow-water lee-side waves at obstacles: Experimental characterization and turbulent nonhydrostatic modeling using weighted-averaged residual equations		Environmental Modelling & Software
M. Varo Martínez , L.M. Fernández de Ahumada , M. Fuentes García, P. Fernandez-	Characterization of an experimental agrivoltaic installation located in an educational centre for farmers in Cordoba (Spain)		Renewable Energy & Power Quality Journal

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García, F. Casares de la Torre, R. López-Luque			
López-Bellido, L	Agricultura y secuestro de carbono: Potencial de mitigación del cambio climático		Editorial Acribia, S.A. 218 pp
Adrián Gonzalez Guzmán, Dolores Rey, Emilie Froussart, and Enrique Quesada-Moraga	Elucidating the effect of endophytic entomopathogenic fungi on bread wheat growth through signaling of immune response-related hormones	10.1128/aem.00882-22	Applied and Environmental Microbiology
Carmen López, Sandra Las Heras, Inmaculada Garrido-Jurado, Enrique Quesada-Moraga, Matilde Eizaguirre	Survey of natural enemies of the invasive boxwood moth <i>Cydalima perspectalis</i> in southwestern Mediterranean Europe and biocontrol potential of a native <i>Beauveria bassiana</i> (Balsamo) Vuil. strain	https://doi.org/10.3390/insects13090781	Insects
Garrido-Jurado, I., Quesada-Moraga, E., Yousef., M	<i>Zizyphus</i> fruit fly <i>Carpomya incompleta</i> (Becker) (Diptera: Tephritidae) is expanding its range in Europe	https://doi.org/10.5424/sjar/2022204-18961	Spanish Journal of Agricultural Research
Quesada-Moraga, E., Garrido-Jurado, I., Yousef., M., González-Mas, N	Multitrophic interactions of entomopathogenic fungi in biocontrol	10.1007/s10526-022-10163-5	Biocontrol
Mengual-Marti, A, Martinez-Solis, M, Yousef-Yousef, M., Garrido-Jurado, I, Delgado-Sanfiel, P., Quesada-Moraga, E., Herrero, S.	Impact of covert infections with an RNA virus on the susceptibility of <i>Spodoptera exigua</i> to natural enemies	10.1007/s10526-022-10163-5	Biocontrol
Yousef-Yousef, M.; Romero-Conde, A.; Quesada-Moraga, E.; Garrido-Jurado, I.	Production of <i>Microsclerotia</i> by <i>Metarhizium</i> sp., and Factors Affecting Their Survival, Germination, and Conidial Yield.	https://doi.org/10.3390/jof8040402	Journal of Fungi
Dodd RJ, Chadwick DR, Hill PW, Hayes F, Sánchez-Rodríguez AR, Gwynn-Jones D, Smart SM, Jones DL	Resilience of ecosystem service delivery in grasslands in response to single and compound extreme weather events		SCIENCE OF THE TOTAL ENVIRONMENT
González-Guzmán A, Rey M-D, Froussart E, Quesada-Moraga E	Elucidating the effect of endophytic entomopathogenic fungi on bread wheat growth through signaling of immune response-related hormones	https://doi.org/10.1128/aem.00882-22	ENVIRONMENTAL MICROBIOLOGY 88
Fruett T, Inda AV, Barrón V, Zinn YL, Taha K, Fernandes AFD	Impact of crop production and eucalyptus forestry on a Ferralsol under native grassland in southern Brazil		GEODERMA Regional

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López-Moral A, Sánchez-Rodríguez AR, Trapero A, Agustí-Brisach C	Establishment of a method to collect root exudates from olive plants and its validation by determining the effect of root exudates against <i>Verticillium dahliae</i>	https://doi.org/10.1007/s11104-022-05770-1	PLANT AND SOIL
Cao W, Jiang Z, Gai C, Barrón V, Torrent J, Zhong Y, Liu Q	Re-visiting the quantification of hematite by diffuse reflectance spectroscopy		MINERALS
Porto de Oliveira R, Barbosa RS, Marques Júnior J, Jacques Agra Bezerra da Silva Y, Barrón V, Silva Dantas J, Do Amaral Resende JM, Veniciús Santana Gualberto A	Mid-Infrared Spectrum Analysis for Mapping Attributes of Cohesive Soils in Brazil.		COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS
Di Lorio E, Circelli L, Angelico R, Torrent J, Tan W, Colombo C	Environmental implications of interaction between humic substances and iron oxide nanoparticles: A review		CHEMOSPHERE
Jiang Z, Liu Q, Roberts AP, Dekkers MJ, Barrón V, Torrent J, Li S	The magnetic and color reflectance properties of hematite: From Earth to Mars.		REVIEWS OF GEOPHYSICS
Carswell A, Sánchez-Rodríguez AR, Saunders K, le Cocq K, Shaw R, Cotton J, Zhang Y, Evans J, Chadwick DR, Jones DL, Misselbrook T	Combining targeted grass traits with red clover improves grassland performance and reduces need for nitrogen fertilisation.		EUROPEAN JOURNAL OF AGRONOMY
González-Caballo P, Barrón V, Torrent J, del Campillo MC, Sánchez-Rodríguez AR	Wheat and Maize Grown on Two Contrasting Zinc-deficient Calcareous Soils Respond Differently to Soil and Foliar Application of Zinc.		JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION
Pavinato PS, Sánchez-Rodríguez AR, Tiecher T	Sustainable phosphorus use in agriculture.		FRONTIERS IN AGRONOMY
A. Lopez, C. Agusti, M. Raya, M. Lovera, C. Trapero, O. Arquero, A. Trapero	Etiology of Septoria Leaf Spof of Pistachio in Southern Spain		Plant Disease
Nascimento-Silva, K., Benlloch-González, M., and Fernández-Escobar, R	Silicon Nutrition in Young Olive Plants: Effect of Dose, Application Method, and Cultivar	https://doi.org/10.21273/HORTSCI16750-22	HortScience 57
M. Lovera, O. Arquero	Estudio de las principales variedades de pistachero		Vida Rural
Fernández-Escobar, R	Gestión sostenible de la fertilización del olivar		Vida Rural

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Benlloch-González, M., Benlloch, M., and Fernández-Escobar, R	Efectos del calentamiento global en el crecimiento y la producción del olivo		Mercacei Especial Día Mundial del Olivo,
Lovera, M., Agustí-Brisach, C., López-Moral, A., Roca, L.F., Arquero, O., Trapero, A	Enfermedades del nogal		Fruticultura
Llorens, E., Agustí-Brisach, C	Biocontrol of Plant Diseases by Means of Antagonist Microorganisms, Biostimulants and Induced Resistance as Alternatives to Chemicals		Plants
Agustí-Brisach, C., Moral, J., Jiménez-Urbano, J.P., Raya, M.C., Roca, L.F., López-Moral, A., Romero, J., Trapero, A.	Chancros y seca de ramas, un síndrome emergente en el olivar		Phytoma
Trapero, A	Control biológico de las enfermedades del olivar: estado actual y perspectivas futuras		Phytoma
López-Moral, A., Agustí-Brisach, C., Llorens, E., Scalschi, L., Sánchez-Rodríguez, A., GarcíaAgustín, P., Trapero, A	Alternativas de control biológico frente la Verticilosis del olivo: bioestimulantes e inductores de resistencia		Phytoma
Santos, A., Mulero, A., Romero, J., Varo, A., López-Moral, A., Agustí-Brisach, C., Roca, L.F., Raya, M.C., López Escudero, F.J., Narrillos, C., Basse, S., Salido, L., Trapero, A	Desarrollo de formulados precomerciales para el control biológico de la Verticilosis del olivo mediante el proyecto de Compra Pública Precomercial INNOLIVAR		Phytoma343: 72-77
López-Moral, A., Lovera, M., Antón, B. Gámiz, A., Michailides, T., Arquero, O., Trapero, A., Agustí-Brisach, C	Effects of cultivar susceptibility, branch age and temperature on infection by Botryosphaeriaceae and Diaporthe fungi on English walnut (<i>Juglans regia</i>)		Plant Disease
Trapero, A., Varo, A., Sánchez, M.E., Roca, L.F., López-Moral, A., Agustí-Brisach, C	Enfermedades del algarrobo (<i>Ceratonia siliqua</i> L.)		Fruticultura
López-Moral, A., Agustí-Brisach, C., Raya, M.C., Lovera, M., Trapero, C., Arquero, O.,	Etiology of Septoria Leaf Spot of Pistachio in Southern Spain.		Plant Disease

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Trapero, A.			
Muñoz, R.M., Lerma, M.L., Castillo, P., Tolosa, V., Olmo, D., Trapero, A., Agustí-Brisach	First report of Lasiodiplodia theobromae causing crown canker of almond in Spain		Journal of Plant Pathology
López-Moral, A., Agustí-Brisach, C., Leiva-Egea, F.M., Trapero, A	Influence of Cultivar and Biocontrol Treatments on the Effect of Olive Stem Extracts on the Viability of Verticillium dahliae Conidia.		Plants 11
López-Moral, A., Agustí-Brisach, C., Ruiz-Blancas, C., Antón Domínguez, B.I., Alcántara, E., Trapero, A	Elucidating the Effect of Nutritional Imbalances of N and K on the Infection of Verticillium dahliae in Olive		Journal of Fungi 8
López-Moral, A., Llorens, E., Scalschi, L., García-Agustín, P., Trapero, A., Agustí, Brisach, C	Resistance induction in olive tree (Olea europaea) against Verticillium wilt by two beneficial microorganisms and a copper phosphite fertilizer.		Frontiers in Plant Science
López-Moral, A., Agustí-Brisach, C., Lovera, M., Trapero, C., Raya, M.C., Arquero, O., Trapero, A	Septoriososis del pistachero, la enfermedad más importante y prevalente del cultivo en España.		Vida Rural
Pérez-Rodríguez, M., Santos-Rufo, A., López-Escudero, F.J	High Input of Nitrogen Fertilization and Short Irrigation Frequencies Forcefully Promote the Development of Verticillium Wilt of Olive		Plants 11
Santos-Rufo A., Pérez-Rodríguez, M., Heis Serrano, J., Roca Castillo, L.F., López-Escudero, F.J	Effect of Previous Crops and Soil Physicochemical Properties on the Population of Verticillium dahliae in the Iberian Peninsula		Journal of Fungi
Alcaide-zaragoza, Carmen; Fernández-garcía, Irene; Martín-García, Isabel; Camacho-Poyato, Emilio; Rodríguez-Díaz, Juan Antonio	Spatio-temporal analysis of nitrogen variations in an irrigation distribution network using reclaimed water for irrigating olive trees		Agricultural Water Management
Reyes-requena, Rafael; Roldán-Cañas, José; Baeza-Cano, Rafael Joaquín; Contreras-París, Juana Isabel; López-Segura, José Gabriel; Moreno-pérez, María Fátima	Estudio del atascamiento de goteros mediante distintos índices de calidad del riego usando aguas regeneradas		Ingeniería del Agua

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Mitrovic, Djordje; Novara, Daniele; García-morillo, Jorge; Rodríguez-Díaz, Juan Antonio	Prediction of Global Efficiency and Economic Viability of Replacing PRVs with Hydraulically Regulated Pump-as-Turbines at Instrumented Sites within Water Distribution Networks		Journal of Water Resources Planning and Management
Sebok, E	Use of expert elicitation to assign weights to climate and hydrological models in climate impact studies		Hydrology and Earth System Sciences
Pastén-Zapata, E	The effect of weighting hydrological projections based on the robustness of hydrological models under a changing climate.		Journal of Hydrology :Regional Studies
Pimentel, R	Improving the usability of climate services for the water sector: The AQUACLEW experience		Climate Services,
Burchard-Levine V	A remote sensing-based three-source energy balance model to improve global estimations of evapotranspiration in semi-arid tree-grass ecosystems.		Global Change Biology,
Johnston, M.R., Andreu, A., Verfaillie, J., Baldocchi, D., Moorcroft, P.R	What lies beneath: Vertical temperature heterogeneity in a Mediterranean woodland savanna		Remote Sensing of Environment,
Fernández-Habas, J	Estimating pasture quality of Mediterranean grasslands using hyperspectral narrow bands from field spectroscopy by Random Forest and PLS regressions		Computers and Electronics in Agriculture
SUÁREZ-LÓPEZ, Y.A; ALDEBIS, H.K; HATEM, A.E.; VARGAS-OSUNA, E.	Interactions of entomopathogens with insect growth regulators for the control of Spodoptera littoralis (Lepidoptera: Noctuidae)		Biological Control, 170.