

AUTHORS	TITLE	DOI	SOURCE TITLE
González Perea R., Camacho Poyato E., Montesinos P., Rodríguez Díaz J.A.	Optimisation of water demand forecasting by artificial intelligence with short data sets	10.1016/j.biosystemseng.2018.03.011	Biosystems Engineering
Sacristán D., González-Guzmán A., Barrón V., Torrent J., Del Campillo M.C.	Phosphorus-induced zinc deficiency in wheat pot-grown on noncalcareous and calcareous soils of different properties	10.1080/03650340.2018.1492714	Archives of Agronomy and Soil Science
Rodriguez-Delgado C., Bergillos R.J., Iglesias G.	Dual wave farms and coastline dynamics: The role of inter-device spacing	10.1016/j.scitotenv.2018.07.110	Science of the Total Environment
Horta C., Monteiro F., Madeira M., Torrent J.	Crop use and profile distribution of phosphorus in soils that developed on mafic rocks in southern Portugal	10.1080/03650340.2018.1506920	Archives of Agronomy and Soil Science
Agustí-Brisach C., López-Moral A., Raya-Ortega M.C., Franco R., Roca-Castillo L.F., Trapero A.	Occurrence of grapevine trunk diseases affecting the native cultivar Pedro Ximénez in southern Spain	10.1007/s10658-018-1585-6	European Journal of Plant Pathology
Carswell A., Shaw R., Hunt J., Sánchez-Rodríguez A.R., Saunders K., Cotton J., Hill P.W., Chadwick D.R., Jones D.L., Misselbrook T.H.	Assessing the benefits and wider costs of different N fertilisers for grassland agriculture	10.1080/03650340.2018.1519251	Archives of Agronomy and Soil Science
Medina-López E., Moñino A., Bergillos R.J., Clavero M., Ortega-Sánchez M.	Oscillating water column performance under the influence of storm development	10.1016/j.energy.2018.10.108	Energy
Bergillos R.J., Rodriguez-Delgado C., Iglesias G.	Wave farm impacts on coastal flooding under sea-level rise: A case study in southern Spain	10.1016/j.scitotenv.2018.10.422	Science of the Total Environment
González-Mas N., Quesada-Moraga E., Plaza M., Fereres A., Moreno A.	Changes in feeding behaviour are not related to the reduction in the transmission rate of plant viruses by <i>Aphis gossypii</i> (Homoptera: Aphididae) to melon plants colonized by <i>Beauveria bassiana</i> (Ascomycota: Hypocreales)	10.1016/j.biocontrol.2018.11.001	Biological Control
Dey S., Kishore G.R., Castro-Orgaz O., Ali S.Z.	Turbulent length scales and anisotropy in submerged turbulent plane offset jets	10.1061/(ASCE)HY.1943-7900.0001559	Journal of Hydraulic Engineering

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Llorens E., Mateu M., González-Hernández A.I., Agustí-Brisach C., García-Agustín P., Lapeña L., Vicedo B.	Extract of Mimosa tenuiflora and Quercus robur as potential eco-friendly management tool against Sclerotinia sclerotiorum in Lactuca sativa enhancing the natural plant defences	10.1007/s10658-018-01629-3	European Journal of Plant Pathology
Asseng S., Martre P., Maiorano A., Rötter R.P., O'Leary G.J., Fitzgerald G.J., Girousse C., Motzo R., Giunta F., Babar M.A., Reynolds M.P., Kheir A.M.S., Thorburn P.J., Waha K., Ruane A.C., Aggarwal P.K., Ahmed M., Balkovič J., Basso B., Biernath C., Bind	Climate change impact and adaptation for wheat protein	10.1111/gcb.14481	Global Change Biology
González Perea R., Camacho Poyato E., Montesinos P., Rodríguez Díaz J.A.	Prediction of irrigation event occurrence at farm level using optimal decision trees	10.1016/j.compag.2018.12.043	Computers and Electronics in Agriculture
Sánchez-Rodríguez A.R., Hill P.W., Chadwick D.R., Jones D.L.	Typology of extreme flood event leads to differential impacts on soil functioning	10.1016/j.soilbio.2018.11.019	Soil Biology and Biochemistry
Barbosa R.S., Marques Júnior J., Barrón V., Martins Filho M.V., Siqueira D.S., Peluco R.G., Camargo L.A., Silva L.S.	Prediction and mapping of erodibility factors (USLE and WEPP) by magnetic susceptibility in basalt-derived soils in northeastern São Paulo state, Brazil	10.1007/s12665-018-8015-0	Environmental Earth Sciences
Iliopoulou T., Aguilar C., Arheimer B., Bermúdez M., Bezak N., Ficchi A., Koutsoyiannis D., Parajka J., Polo M.J., Thirel G., Montanari A.	A large sample analysis of European rivers on seasonal river flow correlation and its physical drivers	10.5194/hess-23-73-2019	Hydrology and Earth System Sciences
López-Bellido F.J., Sanchez V., Rivas I., López-Bellido R.J., López-Bellido L.	Wheat grain selenium content as affected by year and tillage system in a rainfed Mediterranean Vertisol	10.1016/j.fcr.2019.01.006	Field Crops Research
Chacón M.C., Díaz J.A.R., Morillo J.G., McNabola A.	Pump-as-turbine selection methodology for energy recovery in irrigation networks: Minimising the payback period	10.3390/w11010149	Water (Switzerland)

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Sánchez-Rodríguez A.R., Nie C., Hill P.W., Chadwick D.R., Jones D.L.	Extreme flood events at higher temperatures exacerbate the loss of soil functionality and trace gas emissions in grassland	10.1016/j.soilbio.2018.12.021	Soil Biology and Biochemistry
Giménez C., Thompson R.B., Prieto M.H., Suárez-Rey E., Padilla F.M., Gallardo M.	Adaptation of the VegSyst model to outdoor conditions for leafy vegetables and processing tomato	10.1016/j.agsy.2019.01.003	Agricultural Systems
BAVARESCO J., FINK J.R., MORAES M.T., SÁNCHEZ-RODRÍGUEZ A.R., ANGHINONI I.	Chromium from Hydrolyzed Leather Affects Soybean Growth and Nodulation	10.1016/S1002-0160(17)60360-6	Pedosphere
Brown S.I., Dickson M.E., Kench P.S., Bergillos R.J.	Modelling gravel barrier response to storms and sudden relative sea-level change using XBeach-G	10.1016/j.margeo.2019.01.009	Marine Geology
Benlloch-González M., Sánchez-Lucas R., Bejaoui M.A., Benlloch M., Fernández-Escobar R.	Global warming effects on yield and fruit maturation of olive trees growing under field conditions	10.1016/j.scienta.2019.01.046	Scientia Horticulturae
Valverde-García P., Santiago-Álvarez C., Thomas M.B., Maranhao E.A.A., Garrido-Jurado I., Quesada-Moraga E.	Sublethal effects of mixed fungal infections on the Moroccan locust, <i>Dociostaurus maroccanus</i>	10.1016/j.jip.2018.12.009	Journal of Invertebrate Pathology
Rivas-Sánchez Y.A., Moreno-Pérez M.F., Roldán-Cañas J.	Environment control with low-cost microcontrollers and microprocessors: Application for green walls	10.3390/su11030782	Sustainability (Switzerland)
Salazar P.C., Navarro-Cerrillo R.M., Grados N., Cruz G., Barrón V., Villar R.	Tree size and leaf traits determine the fertility island effect in <i>Prosopis pallida</i> dryland forest in Northern Peru	10.1007/s11104-019-03965-7	Plant and Soil
González-Mas N., Ortega-García L., Garrido-Jurado I., Dembilio O., Jaques J.A., Quesada-Moraga E.	Which came first: The disease or the pest? Is there a host mediated spread of <i>Beauveria bassiana</i> (Ascomycota: Hypocreales) by invasive palm pests?	10.1016/j.jip.2019.01.007	Journal of Invertebrate Pathology
González-Mas N., Cuenca-Medina M., Gutiérrez-Sánchez F., Quesada-Moraga E.	Bottom-up effects of endophytic <i>Beauveria bassiana</i> on multitrophic interactions between the cotton aphid, <i>Aphis gossypii</i> , and its natural enemies in melon	10.1007/s10340-019-01098-5	Journal of Pest Science
Bergillos R.J., Rodríguez-Delgado C., Allen J., Iglesias G.	Wave energy converter configuration in dual wave farms	10.1016/j.oceaneng.2019.03.001	Ocean Engineering

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Bergillos R.J., Rodriguez-Delgado C., Allen J., Iglesias G.	Wave energy converter geometry for coastal flooding mitigation	10.1016/j.scitotenv.2019.03.022	International Journal of Biological Macromolecules
Rodriguez-Delgado C., Bergillos R.J., Iglesias G.	Dual wave farms for energy production and coastal protection under sea level rise	10.1016/j.jclepro.2019.03.058	Journal of Cleaner Production
Polo M.J., Herrero J., Pimentel R., Pérez-Palazón M.J.	The Guadalfeo Monitoring Network (Sierra Nevada, Spain): 14 years of measurements to understand the complexity of snow dynamics in semiarid regions	10.5194/essd-11-393-2019	Earth System Science Data
Cantero-Chinchilla F.N., Castro-Orgaz O., Dey S.	Prediction of Overtopping Dike Failure: Sediment Transport and Dynamic Granular Bed Deformation Model	10.1061/(ASCE)HY.1943-7900.0001608	Journal of Hydraulic Engineering
Romera F.J., García M.J., Lucena C., Martínez-Medina A., Aparicio M.A., Ramos J., Alcántara E., Angulo M., Pérez-Vicente R.	Induced systemic resistance (ISR) and fe deficiency responses in dicot plants	10.3389/fpls.2019.00287	Frontiers in Plant Science
González M., Pérez-Sierra A., Sánchez M.E.	Phytophthora oleae, a new root pathogen of wild olives	10.1111/ppa.13024	Plant Pathology
Romero M.A., González M., Serrano M.S., Sánchez M.E.	Trunk injection of fosetyl-aluminium controls the root disease caused by Phytophthora cinnamomi on Quercus ilex woodlands	10.1111/aab.12503	Annals of Applied Biology
Menéndez I., Mangas J., Tauler E., Barrón V., Torrent J., Betancort J.F., Santana Á., Recio J.M., Quevedo-González L.A., Alonso I., Méndez-Ramos J.	Aeolian influx and related environmental conditions on Gran Canaria during the early Pleistocene	10.1017/qua.2018.64	Quaternary Research
Guzmán G., Perea-Moreno A.-J., Gómez J.A., Cabrerizo-Morales M.Á., Martínez G., Giráldez J.V.	Water related properties to assess soil quality in two olive orchards of south Spain under different management strategies	10.3390/w11020367	Water (Switzerland)

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Hadj Taieb K., Gharsallah H., Ksentini I., Schuster C., Fernández-Bravo M., Garrido-Jurado I., Quesada-Moraga E., Leclerque A., Triki M.A., Ksantini M.	Phytopathogenic and antagonistic potentialities of fungi associated with pistachio bark beetle, <i>Chaetoptelius vestitus</i> (Coleoptera, Curculionidae), infesting pistachio (<i>Pistacia vera</i>) in Tunisia	10.1111/jam.14272	Journal of Applied Microbiology
Frayssinet M., Audiot P., Cusumano A., Pichon A., Malm L.E., Jouan V., Vabre M., Malavieille S., Delalande M., Vargas-Osuna E., Bourguet D., Volkoff A.-N.	Western European Populations of the Ichneumonid Wasp <i>Hyposoter didymator</i> Belong to a Single Taxon	10.3389/fevo.2019.00020	Frontiers in Ecology and Evolution
Agustí-Brisach C., Moral J., Felts D., Trapero A., Michailides T.J.	Interaction between <i>diaporthe rhusicola</i> and <i>neofusicoccum mediterraneum</i> causing branch dieback and fruit blight of english walnut in california, and the effect of pruning wounds on the infection	10.1094/PDIS-07-18-1118-RE	Plant Disease