

AUTHORS	TITLE	DOI	SOURCE TITLE
Srivastava P., Sangode S.J., Torrent J.	Mineral magnetic and diffuse reflectance spectroscopy characteristics of the Deccan volcanic bole beds: Implications to genesis and transformations of iron oxides	10.1016/j.geoderma.2014.11.010	Geoderma
Moral J., Alsalmiya M., Roca L.F., Díez C.M., León L., De La Rosa R., Barranco D., Rallo L., Trapero A.	Relative susceptibility of new olive cultivars to spillocaea oleagina, Colletotrichum acutatum, And pseudocercospora cladosporioides	10.1094/PDIS-04-14-0355-RE	Plant Disease
Staunton S., Ludwig B., Torrent J.	Barrow, N. J. A mechanistic model for describing the sorption and desorption of phosphate by soil. Journal of Soil Science, 34, 733-750. Commentary on the impact of Barrow (1983): By S. Staunton, B. Ludwig & J. Torrent	10.1111/ejss.12198_1	European Journal of Soil Science
Morillo J.G., Díaz J.A.R., Camacho E., Montesinos P.	Linking water footprint accounting with irrigation management in high value crops	10.1016/j.jclepro.2014.09.043	Journal of Cleaner Production
Diez C.M., Trujillo I., Martínez-Urdiroz N., Barranco D., Rallo L., Marfil P., Gaut B.S.	Olive domestication and diversification in the Mediterranean Basin	10.1111/nph.13181	New Phytologist
Guzmán G., Laguna A., Cañasveras J.C., Boulal H., Barrón V., Gómez-Macpherson H., Giráldez J.V., Gómez J.A.	Study of sediment movement in an irrigated maize-cotton system combining rainfall simulations, sediment tracers and soil erosion models	10.1016/j.jhydrol.2015.02.033	Journal of Hydrology
Fernández-Escobar R., Sánchez-Zamora M.A., García-Novelo J.M., Molina-Soria C.	Nutrient removal from olive trees by fruit yield and pruning		HortScience
Camargo L.A., Marques J., Barrón V., Alleoni L.R.F., Barbosa R.S., Pereira G.T.	Mapping of clay, iron oxide and adsorbed phosphate in Oxisols using diffuse reflectance spectroscopy	10.1016/j.geoderma.2015.03.027	Geoderma

AUTHORS	TITLE	DOI	SOURCE TITLE
Pérez-Rodríguez M., Alcántara E., Amaro M., Serrano N., Lorite I.J., Arquero O., Orgaz F., López-Escudero F.J.	The influence of irrigation frequency on the onset and development of verticillium wilt of olive	10.1094/PDIS-06-14-0599-RE	Plant Disease
Lozano-Tovar M.D., Garrido-Jurado I., Lafont F., Quesada-Moraga E.	Insecticidal activity of a destruxin-containing extract of metarhizium brunneum against Ceratitis capitata (Diptera: Tephritidae)	10.1093/jee/tov041	Journal of Economic Entomology
Castro-Orgaz O., Montes J.S.	Minimum specific energy in open-channel flows: The Salas-Dominguez contribution	10.1080/00221686.2014.991356	Journal of Hydraulic Research
Kacimov A., Obnosov Y., Abdalla O., Castro-Orgaz O.	Groundwater flow in hillslopes: Analytical solutions by the theory of holomorphic functions and hydraulic theory	10.1016/j.apm.2014.11.016	Applied Mathematical Modelling
Sánchez-Alcalá I., del Campillo M.C., Torrent J.	Critical Olsen P and CaCl ₂ -P levels as related to soil properties: Results from micropot experiments	10.1111/sum.12184	Soil Use and Management
Espadafor M., Orgaz F., Testi L., Lorite I.J., Villalobos F.J.	Transpiration of young almond trees in relation to intercepted radiation	10.1007/s00271-015-0464-6	Irrigation Science
Taguas E.V., Guzmán E., Guzmán G., Vanwalleghem T., Gómez J.A.	Characteristics and importance of rill and gully erosion: A case study in a small catchment of a marginal olive grove [Características e importancia de la erosión en cárcavas y regueros: Un caso de estudio en una microcuenca de olivar]	10.18172/cig.2644	Cuadernos de Investigación Geografica
López-Bernal Á., García-Tejera O., Testi L., Orgaz F., Villalobos F.J.	Low winter temperatures induce a disturbance of water relations in field olive trees	10.1007/s00468-015-1204-5	Trees - Structure and Function
Benlloch-González M., Quintero J.M., García-Mateo M.J., Fournier J.-M., Benlloch M.	Effect of water stress and subsequent re-watering on K ⁺ and water flows in sunflower roots. A possible mechanism to tolerate water stress	10.1016/j.envexpbot.2015.06.008	Environmental and Experimental Botany
Trapero C., Rallo L., López-Escudero F.J., Barranco D., Díez C.M.	Variability and selection of verticillium wilt resistant genotypes in cultivated olive and in the Olea genus	10.1111/ppa.12330	Plant Pathology
Jiménez-Fernández D., Olivares-García C., Trapero-Casas J.L., Requena J., Moreno J., Jiménez-Díaz R.M.	Symptomless host and nonhost responses of paulownia (Paulownia spp.) to olive-defoliating Verticillium dahliae	10.1094/PDIS-09-14-0883-RE	Plant Disease

AUTHORS	TITLE	DOI	SOURCE TITLE
Agustí-Brisach C., León M., García-Jiménez J., Armengol J.	Detection of grapevine fungal trunk pathogens on pruning shears and evaluation of their potential for spread of infection	10.1094/PDIS-12-14-1283-RE	Plant Disease
Garrido-Jurado I., Fernández-Bravo M., Campos C., Quesada-Moraga E.	Diversity of entomopathogenic Hypocreales in soil and phylloplanes of five Mediterranean cropping systems	10.1016/j.jip.2015.06.001	Journal of Invertebrate Pathology
Jiang Z., Liu Q., Dekkers M.J., Tauxe L., Qin H., Barrón V., Torrent J.	Acquisition of chemical remanent magnetization during experimental ferrihydrite-hematite conversion in Earth-like magnetic field-implications for paleomagnetic studies of red beds	10.1016/j.epsl.2015.07.024	Earth and Planetary Science Letters
Minasny B., Finke P., Stockmann U., Vanwalleghem T., McBratney A.B.	Resolving the integral connection between pedogenesis and landscape evolution	10.1016/j.earscirev.2015.07.004	Earth-Science Reviews
Alburquerque J.A., Cabello M., Avelino R., Barrón V., del Campillo M.C., Torrent J.	Plant growth responses to biochar amendment of Mediterranean soils deficient in iron and phosphorus	10.1002/jpln.201400653	Journal of Plant Nutrition and Soil Science
Long X., Ji J., Balsam W., Barrón V., Torrent J.	Grain growth and transformation of pedogenic magnetic particles in red Ferralsols	10.1002/2015GL064678	Geophysical Research Letters
Ochoa-Cueva P., Fries A., Montesinos P., Rodríguez-Díaz J.A., Boll J.	Spatial Estimation of Soil Erosion Risk by Land-cover Change in the Andes OF Southern Ecuador	10.1002/ldr.2219	Land Degradation and Development
Carmona I., Griffith D.M., Soriano M.-A., Murillo J.M., Madejón E., Gómez-Macpherson H.	What do farmers mean when they say they practice conservation agriculture? A comprehensive case study from southern Spain	10.1016/j.agee.2015.07.028	Agriculture, Ecosystems and Environment
Obnosov Y.V., Kacimov A.R., Castro-Orgaz O.	Analytical Solutions for Steady Phreatic Flow Appearing/Re-emerging Toward/from a Bedrock/Caprock Isobaric Breach: The Polubarinova-Kochina–Numerov and Pavlovsky Problems Revisited	10.1007/s11242-015-0522-9	Transport in Porous Media
Yousef M., Quesada-Moraga E., Garrido-Jurado I.	Compatibility of herbicides used in olive orchards with a <i>Metarhizium brunneum</i> strain used for the control of preimaginal stages of tephritids in the soil	10.1007/s10340-014-0632-0	Journal of Pest Science

AUTHORS	TITLE	DOI	SOURCE TITLE
Jiménez-Díaz R.M., Castillo P., Jiménez-Gasco M.D.M., Landa B.B., Navas-Cortés J.A.	Fusarium wilt of chickpeas: Biology, ecology and management	10.1016/j.cropro.2015.02.023	Crop Protection
Tejado I., Vinagre B.M., Torres D., López-Bernal A., Villalobos F.J., Testi L., Podlubny I.	Fractional Approach for Estimating Sap Velocity in Trees	10.1515/fca-2015-0030	Fractional Calculus and Applied Analysis
Álvarez-Baz G., Fernández-Bravo M., Pajares J., Quesada-Moraga E.	Potential of native Beauveria pseudobassiana strain for biological control of Pine Wood Nematode vector Monochamus galloprovincialis	10.1016/j.jip.2015.08.006	Journal of Invertebrate Pathology
Tarjuelo J.M., Rodríguez-Díaz J.A., Abadía R., Camacho E., Rocamora C., Moreno M.A.	Efficient water and energy use in irrigation modernization: Lessons from Spanish case studies	10.1016/j.agwat.2015.08.009	Agricultural Water Management
García M.J., Romera F.J., Lucena C., Alcántara E., Pérez-Vicente R.	Ethylene and the regulation of physiological and morphological responses to nutrient deficiencies	10.1104/pp.15.00708	Plant Physiology
Pimentel R., Herrero J., Zeng Y., Su Z., Polo M.J.	Study of snow dynamics at subgrid scale in semiarid environments combining terrestrial photography and data assimilation techniques	10.1175/JHM-D-14-0046.1	Journal of Hydrometeorology
Montes-Borrego M., Lopes J.R.S., Jiménez-Díaz R.M., Landa B.B.	Combined use of a new SNP-based assay and multilocus SSR markers to assess genetic diversity of Xylella fastidiosa subsp. Pauca infecting citrus and coffee plants	10.2436/20.1501.01.230	International Microbiology
Ashrafi N., Nikbakht A., Gheysari M., Fernández-Escobar R., Ehtemam M.H.	Effect of a new irrigation system using recycled water on stomatal behaviour, photosynthesis and nutrient uptake in olive trees (Olea Europaea L.)	10.1080/14620316.2015.11513201	Journal of Horticultural Science and Biotechnology
Serrano M.S., Romero M.A., Jiménez J.J., De Vita P., Ávila A., Trapero A., Sánchez M.E.	Preventive control of Botryosphaeria canker affecting Quercus suber in southern Spain	10.1093/forestry/cpv016	Forestry
Roldán-Cañas J., Chipana R., Moreno-Pérez M.F., Chipana G.	Description and evaluation of zigzag furrow irrigation in the inter-Andean Valleys of Bolivia	10.1061/(ASCE)IR.1943-4774.0000902	Journal of Irrigation and Drainage Engineering

AUTHORS	TITLE	DOI	SOURCE TITLE
Perea R.G., Poyato E.C., Montesinos P., Díaz J.A.R.	Irrigation Demand Forecasting Using Artificial Neuro-Genetic Networks	10.1007/s11269-015-1134-4	Water Resources Management
Cantero F., Castro-Orgaz O., Garcia-Marín A., Ayuso J.L., Dey S.	Free surface profiles in river flows: Can standard energy-based gradually-varied flow computations be pursued?	10.1016/j.jhydrol.2015.07.056	Journal of Hydrology
Recena R., Torrent J., del Campillo M.C., Delgado A.	Accuracy of Olsen P to assess plant P uptake in relation to soil properties and P forms	10.1007/s13593-015-0332-z	Agronomy for Sustainable Development
Munoz-Romero V., Lopez-Bellido L., Lopez-Bellido R.J.	Effect of tillage system on soil temperature in a rainfed Mediterranean Vertisol	10.1515/intag-2015-0052	International Agrophysics
Cantero-Chinchilla F.N., Dey S., Castro-Orgaz O., Ali S.Z.	Hydrodynamic analysis of fully developed turbidity currents over plane beds based on self-preserving velocity and concentration distributions	10.1002/2015JF003685	Journal of Geophysical Research: Earth Surface
Pérez-Guerrero S., Gelan-Begna A., Vargas-Osuna E.	Compatibility of <i>Orius laevigatus</i> and <i>Cheiracanthium pelagicum</i> for predation on <i>Helicoverpa armigera</i> eggs: effects of density and day/night activity on intraguild predation	10.1007/s10526-015-9681-4	BioControl
Torrent J., Del Campillo M.C., Barrón V.	Predicting cation exchange capacity from hygroscopic moisture in agricultural soils of Western Europe	10.5424/sjar/2015134-8212	Spanish Journal of Agricultural Research
Pérez-Rodríguez M., Orgaz F., Lorite I.J., López-Escudero F.J.	Effect of the irrigation dose on <i>Verticillium</i> wilt of olive	10.1016/j.scienta.2015.10.016	Scientia Horticulturae
Castro-Orgaz O., Hager W.H., Dey S.	Depth-averaged model for undular hydraulic jump	10.1080/00221686.2014.967820	Journal of Hydraulic Research
Lucena C., Romera F.J., García M.J., Alcántara E., Pérez-Vicente R.	Ethylene participates in the regulation of Fe deficiency responses in strategy I plants and in rice	10.3389/fpls.2015.01056	Frontiers in Plant Science
Sánchez-Rodríguez A.R., Del Campillo M.C., Quesada-Moraga E.	<i>Beauveria bassiana</i> : An entomopathogenic fungus alleviates Fe chlorosis symptoms in plants grown on calcareous substrates	10.1016/j.scienta.2015.09.029	Scientia Horticulturae
López-Bernal Á., García-Tejera O., Vega V.A., Hidalgo J.C., Testi L., Orgaz F., Villalobos F.J.	Using sap flow measurements to estimate net assimilation in olive trees under different irrigation regimes	10.1007/s00271-015-0471-7	Irrigation Science

AUTHORS	TITLE	DOI	SOURCE TITLE
Serrano M.S., Ríos P., González M., Sánchez M.E.	Experimental minimum threshold for Phytophthora cinnamomi root disease expression on Quercus suber	10.14601/Phytopathol_Mediterr-15128	Phytopathologia Mediterranea
García-Ruiz G.M., Trapero C., Varo-Suarez Á., Trapero A., López-Escudero F.J.	Identifying resistance to verticillium wilt in local spanish olive cultivars	10.14601/Phytopathol_Mediterr-15130	Phytopathologia Mediterranea
Morillo J.G., Martín M., Camacho E., Díaz J.A.R., Montesinos P.	Toward precision irrigation for intensive strawberry cultivation	10.1016/j.agwat.2014.09.021	Agricultural Water Management
Castro-Orgaz O., Hutter K., Giraldez J.V., Hager W.H.	Nonhydrostatic granular flow over 3-D terrain: New Boussinesq-type gravity waves?	10.1002/2014JF003279	Journal of Geophysical Research: Earth Surface