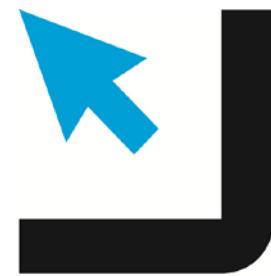




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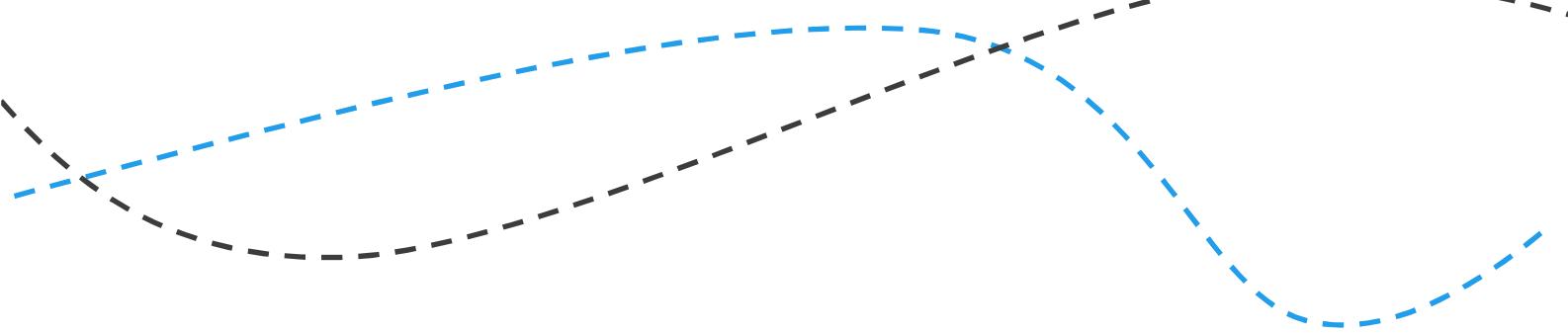


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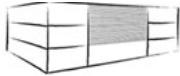
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ESAB



Abril 2016



INTRODUCCIÓ

El present document recull les publicacions indexades a la base de dades Scopus durant el període comprès entre el mesos de gener i desembre de l'any 2015, escrits per autors pertanyents a l'ESAB. Es presenten les dades recollides segons la font on s'ha publicat, els autors que han publicat, i el tipus de document publicat. S'hi inclou un annex amb la llista de totes les referències bibliogràfiques publicades.

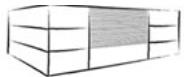
RESULTAT

En aquest període (gener-desembre 2015), s'han publicat **45 documents**.

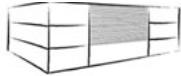
REVISTES

A continuació es mostra una relació dels títols de les fonts on s'ha publicat, seguidament del nombre d'ítems totals que s'han publicat. La darrera columna indica el quartil de Journal Citation Reports on s'ubica aquesta revista (s'indica el millor quartil, si és que la revista es troba en més d'una categoria).

TITOL DE LA REVISTA	ITEMS	QUARTIL
Journal of Alloys and Compounds	3	1
Crop Protection	2	2
Journal of Archaeological Science	2	2
Proceedings of Iamg 2015 17th Annual Conference of the International Association for Mathematical Geosciences	2	
Agribusiness	1	3
Agricultural and Forest Meteorology	1	1
Analytical Chemistry	1	1
Annals of Applied Biology	1	1
Applied Engineering in Agriculture	1	4
Aquacultural Engineering	1	2
Archaeometry	1	3
Archives of Microbiology	1	3
Ars Mathematica Contemporanea	1	2
Biologia Poland	1	
Bioresources	1	1
British Food Journal	1	3
Construction and Building Materials	1	1
Electronic Notes in Discrete Mathematics	1	
Environmental Modelling and Software	1	1
Food Science and Technology International	1	3
Forests	1	2



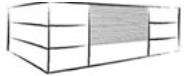
Hydrological Sciences Journal	1	2
IFAC Proceedings Volumes IFAC Papersonline	1	
International Journal of Food Properties	1	3
Journal of Biobased Materials and Bioenergy	1	4
Journal of Chemical Technology and Biotechnology	1	2
Journal of Food Engineering	1	1
Lwt Food Science and Technology	1	1
Mathematical Geosciences	1	1
Metals	1	2
Periodico Di Mineralogia	1	4
Pest Management Science	1	1
Physical Review Letters	1	1
Plant Biology	1	1
Plant Biosystems	1	2
Renewable Energy	1	1
Science of the Total Environment	1	1
Scientia Horticulturae	1	2
Sensors (Switzerland)	1	1
Weed Science	1	1



AUTORS

Es presenta en aquesta taula el nom dels autors que han publicat, seguidament del número d'articles que han publicat. S'enllaça al seu perfil de Futur (portal de la recerca de la UPC), on es poden consultar les seves publicacions, identificador ORCID, etc... Cal mencionar que el sumatori dels articles és superior al nombre d'articles totals publicats degut a les co-autories.

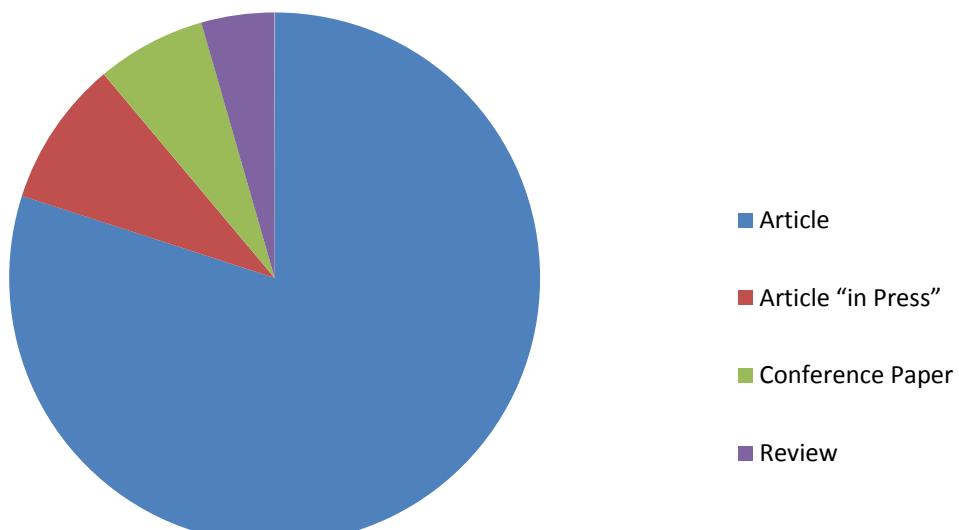
AUTOR	ITEMS
Gil, E.	6
Ginovart, M.	5
Pineda, E	5
Pradell, T.	4
Claramunt, J.	3
Gallart, M.	3
Gil, J.M.	3
Jarauta-Bragulat, E.	3
Mas, M.T.	3
Verdu, A.M.C.	3
Carbo, R.	2
Comas, J.	2
Gras, A.	2
Hernandez, E.	2
Josa, R.	2
Pelayo, I.M.	2
Raventos, M.	2
Achaerandio, I.	1
Alfranca, O.	1
Bosch, A.	1
Canameras, N.	1
Casanas, F.	1
Fabregas, X.	1
Gordun, E.	1
Izquierdo, J.	1
Kallas, Z.	1
Oca, J.	1
Pujola, M.	1
Reig, L.	1
Sepulcre, F.	1
Sorribas, F.J.	1

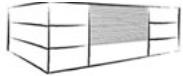


TIPUS DE DOCUMENT

Si distingim segons la seva tipologia documental, els documents publicats es divideixen en:

Article	36
Article in Press	4
Conference Paper	3
Review	2





ANNEX 1: LLISTA DE REFERÈNCIES

Akaichi, F., Nayga, R. M., & Gil, J. M. (2015). Effect of price-discount distribution in multi-unit price promotions on consumers' willingness to pay, sales value, and retailers' revenue. *Agribusiness*, 31(1), 14-32.
doi:10.1002/agr.21389

Alfranca, O., Voces, R., & Diaz-Balteiro, L. (2015). Influence of climate and economic variables on the aggregated supply of a wild edible fungi (*Iactarius deliciosus*). *Forests*, 6(7), 2324-2344. doi:10.3390/f6072324

Aljoumani, B., Sànchez-Espigares, J. A., Cañameras, N., & Josa, R. (2015). An advanced process for evaluating a linear dielectric constant–bulk electrical conductivity model using a capacitance sensor in field conditions. [Evaluation de la relation linéaire entre la constante diélectrique et la conductivité électrique apparente utilisant un capteur de capacitance dans des conditions de terrain] *Hydrological Sciences Journal*, 60(10), 1828-1839.
doi:10.1080/02626667.2014.932053

Almansa, C., Reig, L., & Oca, J. (2015). The laser scanner is a reliable method to estimate the biomass of a senegalese sole (*solea senegalensis*) population in a tank. *Aquacultural Engineering*, 69, 78-83.
doi:10.1016/j.aquaeng.2015.10.003

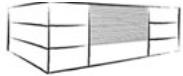
Araujo, P., Gras, A., & Ginovart, M. (2015). Thermodynamic behavior-rules for a bacterial individual-based model to study the denitrification process. Paper presented at the *IFAC Proceedings Volumes (IFAC-PapersOnline)*, , 48(1) 743-748.
doi:10.1016/j.ifacol.2015.05.015

Ardanuy, M., Claramunt, J., & Toledo Filho, R. D. (2015). Cellulosic fiber reinforced cement-based composites: A review of recent research. *Construction and Building Materials*, 79, 115-128. doi:10.1016/j.conbuildmat.2015.01.035

Ardanuy, M., Claramunt, J., Ventura, H., & Manich, A. M. (2015). Effect of water treatment on the fiber-matrix bonding and durability of cellulose fiber cement composites. *Journal of Biobased Materials and Bioenergy*, 9(5), 486-492.
doi:10.1166/jbmb.2015.1545

Banitz, T., Gras, A., & Ginovart, M. (2015). Individual-based modeling of soil organic matter in NetLogo: Transparent, user-friendly, and open. *Environmental Modelling and Software*, 71, 39-45. doi:10.1016/j.envsoft.2015.05.007

Beltran, V., Salvadó, N., Butí, S., Cinque, G., Wehbe, K., & Pradell, T. (2015). Optimal sample preparation for the analysis of micrometric heterogeneous samples. *Analytical Chemistry*, 87(13), 6500-6504.
doi:10.1021/acs.analchem.5b01997



Benítez, S., Achaerandio, I., Pujolà, M., & Sepulcre, F. (2015). Aloe vera as an alternative to traditional edible coatings used in fresh-cut fruits: A case of study with kiwifruit slices. *LWT - Food Science and Technology*, 61(1), 184-193. doi:10.1016/j.lwt.2014.11.036

Cáceres, J., Puertas, M. L., Hernando, C., Mora, M., & Pelayo, I. M. (2015). Quasiperfect domination in trees. *Electronic Notes in Discrete Mathematics*, 50, 439-444. doi:10.1016/j.endm.2015.07.073

Carbó, R., Ginovart, M., Carta, A., Portell, X., & del Valle, L. J. (2015). Effect of aerobic and microaerophilic culture in the growth dynamics of *saccharomyces cerevisiae* and in training of quiescent and non-quiescent subpopulations. *Archives of Microbiology*, 197(8), 991-999. doi:10.1007/s00203-015-1136-x

Cerrillo, M., Palatsi, J., Comas, J., Vicens, J., & Bonmatí, A. (2015). Struvite precipitation as a technology to be integrated in a manure anaerobic digestion treatment plant - removal efficiency, crystal characterization and agricultural assessment. *Journal of Chemical Technology and Biotechnology*, 90(6), 1135-1143. doi:10.1002/jctb.4459

Claramunt, J., Ardanuy, M., & Fernandez-Carrasco, L. J. (2015). Wet/dry cycling durability of cement mortar composites reinforced with micro- and nanoscale cellulose pulps. *BioResources*, 10(2), 3045-3055. doi:10.15376/biores.10.2.3045-3055

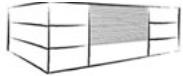
Comas, J., Lumbierres, B., Comas, C., Pons, X., & Albajes, R. (2015). Optimising the capacity of field trials to detect the effect of genetically modified maize on non-target organisms through longitudinal sampling. *Annals of Applied Biology*, 166(2), 183-195. doi:10.1111/aab.12164

Evenson, Z., Ruta, B., Hechler, S., Stolpe, M., Pineda, E., Gallino, I., & Busch, R. (2015). X-ray photon correlation spectroscopy reveals intermittent aging dynamics in a metallic glass. *Physical Review Letters*, 115(17) doi:10.1103/PhysRevLett.115.175701

Gil, E., Gallart, M., Balsari, P., Marucco, P., Almajano, M. P., & Llop, J. (2015). Influence of wind velocity and wind direction on measurements of spray drift potential of boom sprayers using drift test bench. *Agricultural and Forest Meteorology*, 202, 94-101. doi:10.1016/j.agrformet.2014.12.002

Gordún, E., Del Valle, L. J., Ginovart, M., & Carbó, R. (2015). Comparison of the microbial dynamics and biochemistry of laboratory sourdoughs prepared with grape, apple and yogurt. *Food Science and Technology International*, 21(6), 428-439. doi:10.1177/1082013214543033

Hernando, C., Mora, M., & Pelayo, I. M. (2015). On global location-domination in graphs. *Ars Mathematica Contemporanea*, 8(2), 365-379.



Hervada-Sala, C., Jarauta-Bragulat, E., Gibergans-Báguena, J., & Buenestado-Caballero, P. (2015). Wind model for offshore power simulation. Paper presented at the *Proceedings of IAMG 2015 - 17th Annual Conference of the International Association for Mathematical Geosciences*, 1176-1184.

Jarauta-Bragulat, E., Egozcue, J. J., Hervada-Sala, C., & Gibergans-Báguena, J. (2015). Development of air quality indexes using compositional approach. Paper presented at the *Proceedings of IAMG 2015 - 17th Annual Conference of the International Association for Mathematical Geosciences*, 1321-1328.

Jarauta-Bragulat, E., Hervada-Sala, C., & Egozcue, J. J. (2015). Air quality index revisited from a compositional point of view. *Mathematical Geosciences*, doi:10.1007/s11004-015-9599-5

Jiménez, A., García-Ramos, F. J., Vidal, M., Boné, A., & Gil, E. (2015). Design and development of software for improving the efficacy and training of mandatory inspections of sprayers in use in europe. *Applied Engineering in Agriculture*, 31(6), 829-837. doi:10.13031/aea.31.11302

Josa, R., Ginovart, M., Mas, M. T., & Verdú, A. M. C. (2015). Hardpan in skeletal soils: Statistical approach to determine its depth in a cherry orchard plot. *Biologia (Poland)*, 70(11), 1433-1438. doi:10.1515/biolog-2015-0169

Kallas, Z., & Gil, J. M. (2015). Do the spanish want biodiesel? A case study in the catalan transportsector. *Renewable Energy*, 83, 398-406. doi:10.1016/j.renene.2015.04.047

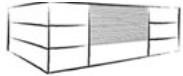
Leon, R. G., Izquierdo, J., & González-Andújar, J. L. (2015). Characterization and modeling of itchgrass (rottboellia cochinchinensis) biphasic seedling emergence patterns in the tropics. *Weed Science*, 63(3), 623-630. doi:10.1614/WS-D-14-00172.1

Liu, C., Pineda, E., & Crespo, D. (2015). Characterization of mechanical relaxation in a cu-zr-al metallic glass. *Journal of Alloys and Compounds*, 643(S1), S17-S21. doi:10.1016/j.jallcom.2014.10.101

Liu, C., Pineda, E., & Crespo, D. (2015). Mechanical relaxation of metallic glasses: An overview of experimental data and theoretical models. *Metals*, 5(2), 1073-1111. doi:10.3390/met5021073

Llop, J., Gil, E., Gallart, M., Contador, F., & Ercilla, M. (2015). Spray distribution evaluation of different settings of a hand-held-trolley sprayer used in greenhouse tomato crops. *Pest Management Science*, doi:10.1002/ps.4014

Llop, J., Gil, E., Llorens, J., Gallart, M., & Balsari, P. (2015). Influence of air-assistance on spray application for tomato plants in greenhouses. *Crop Protection*, 78, 293-301. doi:10.1016/j.cropro.2015.09.026



López-Gómez, M., Flor-Peregrín, E., Talavera, M., Sorribas, F. J., & Verdejo-Lucas, S. (2015). Population dynamics of meloidogyne javanica and its relationship with the leaf chlorophyll content in zucchini. *Crop Protection*, 70, 8-14. doi:10.1016/j.cropro.2014.12.015

Mas, M. T., & Verdú, A. M. C. (2015). Mesocotyl elongation in digitaria sanguinalis during seedling development. *Plant Biosystems*, doi:10.1080/11263504.2015.1009189

Miranda-Fuentes, A., Llorens, J., Gamarra-Diezma, J. L., Gil-Ribes, J. A., & Gil, E. (2015). Towards an optimized method of olive tree crown volume measurement. *Sensors (Switzerland)*, 15(2), 3672-3687. doi:10.3390/s150203671

Miranda-Fuentes, A., Rodríguez-Lizana, A., Gil, E., Agüera-Vega, J., & Gil-Ribes, J. A. (2015). Influence of liquid-volume and airflow rates on spray application quality and homogeneity in super-intensive olive tree canopies. *Science of the Total Environment*, 537, 250-259. doi:10.1016/j.scitotenv.2015.08.012

Molera, J., Iñañez, J., Molina, G., Burch, J., Alberch, X., Glascock, M. D., & Pradell, T. (2015). Lustre and glazed ceramic collection from mas llorens, 16-17th centuries (salt, girona). provenance and technology. *Periodico Di Mineralogia*, 84(1), 45-63. doi:10.2451/2015PM0004

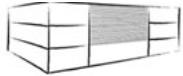
Moreno, F. L., Quintanilla-Carvajal, M. X., Sotelo, L. I., Osorio, C., Raventós, M., Hernández, E., & Ruiz, Y. (2015). Volatile compounds, sensory quality and ice morphology in falling-film and block freeze concentration of coffee extract. *Journal of Food Engineering*, 166, 64-71. doi:10.1016/j.jfoodeng.2015.05.018

Moreno, F. L., Raventós, M., Hernández, E., Santamaría, N., Acosta, J., Pirachican, O., . . . Ruiz, Y. (2015). Rheological behaviour, freezing curve, and density of coffee solutions at temperatures close to freezing. *International Journal of Food Properties*, 18(2), 426-438. doi:10.1080/10942912.2013.833221

Muñoz, R. R., Moya, M. L., & Gil, J. M. (2015). Market values for olive oil attributes in chile: A hedonic price function. *British Food Journal*, 117(1), 358-370. doi:10.1108/BFJ-01-2014-0009

Piqué, R., Palomo, A., Terradas, X., Tarrús, J., Buxó, R., Bosch, T., . . . Saña, M. (2015). Characterizing prehistoric archery: Technical and functional analyses of the neolithic bows from la draga (NE iberian peninsula). *Journal of Archaeological Science*, 55, 166-173. doi:10.1016/j.jas.2015.01.005

Pradell, T., Molina, G., Molera, J., & Tite, M. S. (2015). Composition of the lustre pigment used in the production of 13th century AD raqqa lustreware from syria. *Archaeometry*, doi:10.1111/arcm.12211



Rivera, A., Roselló, S., & Casañas, F. (2015). Seed curvature as a useful marker to transfer morphologic, agronomic, chemical and sensory traits from ganxet common bean (*Phaseolus vulgaris* L.). *Scientia Horticulturae*, 197, 476-482. doi:10.1016/j.scienta.2015.10.006

Ruta, B., Giordano, V. M., Erra, L., Liu, C., & Pineda, E. (2015). Structural and dynamical properties of Mg₆₅Cu₂₅Y₁₀ metallic glasses studied by *in situ* high energy X-ray diffraction and time resolved X-ray photon correlation spectroscopy. *Journal of Alloys and Compounds*, 615(S1), S45-S50. doi:10.1016/j.jallcom.2013.12.162

Tite, M., Watson, O., Pradell, T., Matin, M., Molina, G., Domoney, K., & Bouquillon, A. (2015). Revisiting the beginnings of tin-opacified Islamic glazes. *Journal of Archaeological Science*, 57, 80-91. doi:10.1016/j.jas.2015.02.005

Verdú, A. M. C., & Mas, M. T. (2015). Density-related effects on the infectivity and aggressiveness of a sterilising smut in a wild population of *Digitaria sanguinalis*. *Plant Biology*, 17(1), 281-287. doi:10.1111/plb.12210

Zhai, F., Pineda, E., Ruta, B., Gonzalez-Silveira, M., & Crespo, D. (2015). Aging and structural relaxation of hyper-quenched Mg₆₅Cu₂₅Y₁₀ metallic glass. *Journal of Alloys and Compounds*, 615(S1), S9-S12. doi:10.1016/j.jallcom.2013.11.120