

Selección de publicaciones derivadas de las tesis defendidas en el programa

02E4-DOCTORADO EN BIOTECNOLOGIA Y RECURSOS GENETICOS DE PLANTAS Y MICROORGANISMO

Nombre del doctorando	Fecha de lectura	Directores de Tesis	Publicación derivada	Indicios de calidad
ÁLVAREZ ARAGÓN, ROCÍO	13/12/2018	BEGOÑA BENITO CASADO (UPM)	Álvarez-Aragón, R; Haro, R; Benito, B, Rodríguez-Navarro, A. 2016. Salt intolerance in Arabidopsis: shoot and root sodium toxicity, and inhibition by sodium-plus-potassium overaccumulation. <i>Planta</i> , Jan;243(1):97-114. DOI: 10.1007/s00425-015-2400-7	IF: 3,347; Q1; citas:10 2 publicaciones 1er autor
BACETE CANO, LAURA	26/04/2018	MOLINA FERNÁNDEZ, ANTONIO (UPM); MIEDES VICENTE, EVA (UPM)	Bacete, L; Mérida, H; Miedes, E, Molina, A. 2018, Plant cell wall-mediated immunity: cell wall changes trigger disease resistance responses. <i>The Plant Journal</i> 93 (4), 614-636. DOI: 10.1111/tpj.13807	IF: 5,775; Q1; citas:12 4 publicaciones
BERA, SAYANTA	19/02/2018	GARCÍA-ARENAL, FERNANDO (UPM)	Bera, S; Moreno-Pérez, MG; García-Figuera, S; Pagán, I; Fraile, A; Pacios, LF; García-Arenal, F. 2017. Pleiotropic effects of resistance-breaking mutations on particle stability provide insight on life history evolution in a plant RNA virus. <i>Journal of Virology</i> 91:e00435-17. DOI: 10.1128/JVI.00435-17	IF: 4,633; Q1; citas: 5 2 publicaciones 2 1er autor
CASTRO RODRÍGUEZ, MARÍA DEL ROSARIO	30/10/2017	GONZÁLEZ GUERRERO, MANUEL (UPM)	Tejada-Jiménez M, Castro-Rodríguez R, Kryvoruchko IS, Lucas MM, Udvardi M, Imperial J, González-Guerrero M. 2015. Medicago truncatula Natural Resistance Associated Macrophage Protein1 is required for iron uptake by rhizobia-infected nodule cells. <i>Plant Physiol.</i> 168:258-275. DOI: 10.1104/pp.114.254672	IF: 7,210; Q1; citas: 24 4 publicaciones
CUBELLS BAEZA, NURIA	21/07/2017	DÍAZ PERALES, ARACELI (UPM)	Cubells-Baeza, N, Gómez-Casado, C, Tordesillas, L, Ramírez-Castillejo, L, Garrido-Arandia, M, González-Melendi, P, Herrero, M, Pacios, LF; Díaz-Perales, A. 2017. Identification of the ligand of Pru p 3, a peach LTP. <i>Plant Molecular Biology</i> 94(1):33-44. DOI: 10.1016/j.jmb.2005.11.063	IF: 3,543; Q1; citas: 5 5 publicaciones
GARCÍA BENITEZ, CARLOS	20/06/2017	CAL Y CORTINA, M. ANTONIETA (INIA)	García-Benitez, C, Melgarejo, P, De Cal, A, Fontaniella, B. 2016. Microscopic Analyses of Latent and Visible Monilinia fructicola Infections in Nectarines. <i>PloS ONE</i> 11 (8): e0160675. DOI: 10.1371/journal.pone.0160675/	IF: 2,806; Q1; citas: 7; 4 publicaciones 4 1er autor
GARRIDO ARANDIA, MARIA	09/05/2016	DÍAZ PERALES, ARACELI (UPM)	Garrido-Arandia, M, Silva-Navas, J, Ramírez-Castillejo, C, Cubells-Baeza, N, Gómez-Casado, C, Barber, D, del Pozo, JC, González-Melendi, P, Pacios, LF, Díaz-Perales, A. 2016. Characterisation of a flavonoid ligand of the fungal protein Alt a 1. <i>Scientific Reports</i> , 6, article 33468/1-9. DOI: 10.1038/srep33468	IF: 4,122; Q1; citas: 6; 14 publicaciones 5 1er autor; Premio de Doctorado 2015 2016
GIL DÍAZ, PATRICIA	04/02/2019	MANUEL GONZÁLEZ GUERRERO (UPM) Y MANUEL TEJADA JIMÉNEZ	Gil-Díaz, P; Tejada-Jiménez, M; León-Mediavilla, J; Wen, J; Mysore, KS; Imperial, J; González-Guerrero, M. 2018. MtMOT1.2 is responsible for molybdate supply to Medicago truncatula nodules. <i>Plant Cell Environ.</i> DOI: 10.1111/pce.13388	IF: 5,415; Q1; citas: 5; 3 publicaciones
GÓMEZ PÁEZ, DENNYS MARCELA	17/10/2018	JESÚS VICENTE CARBAJOSA (UPM) y JOAQUÍN MEDINA ALCÁZAR	Hossain, A; Henríquez-Valencia, C; Gómez-Páez, M; Medina, J; Orellana, A; Vicente-Carabajosa, J; Zouhar, J. 2016. "Identification of novel components of the Unfolded Protein Response in Arabidopsis". <i>Frontiers in Plant Science</i> . DOI: 10.3389/fpls.2016.00650	IF: 3,678; Q1; citas: 7 2 publicaciones
GONZÁLEZ CABRERO, NURIA	30/01/2019	CRISTINA CELESTINO MUR	González-Cabrero, N; Ruiz-Galea, M; Alegre, J; Toribio, M; Celestino, C. 2018. Growth, morphology and maturation ability of Pinus pinea embryogenic suspension cultures. <i>Plant Cell Tiss Organ Cult</i> 135: 331. DOI: 10.1007/s11240-018-1467-9	IF: 3,678; Q2; citas: 1
LÓPEZ GONZÁLEZ, SILVIA	11/07/2018	PONZ ASCASO, FERNANDO (INI)	López-González, S, Aragonés, V, Daròs, J-A; Sánchez, F, Ponz, F. 2016. An infectious cDNA clone of a radish-infecting Turnip mosaic virus strain. <i>European Journal of Plant Pathology</i> 148:207-211. DOI: 10.1007/s10658-016-1057-9.	IF: 1,478; Q1; citas: 2 4 publicaciones
LEÓN MEDIAVILLA, JAVIER	23/05/2019	MANUEL GONZÁLEZ GUERRRO (UPM)	León-Mediavilla, J; Senovilla, M; Montiel, J; Gil-Díaz, P; Saez, A; Kryvoruchko, IS; Reguera, M; Udvardi, MK; Imperial, J; González-Guerrero, M. 2018. MtMTP2-facilitated zinc transport into intracellular compartments is essential for nodule development in Medicago truncatula. <i>Front. Plant Sci.</i> 9: 990. DOI: 10.3389/fpls.2018.00990	IF: 3,678; Q1; citas: 2 3 publicaciones

PÉREZ GONZÁLEZ, ANA	28/10/2018	ELENA CARO BERNAT	Pérez-González, A; Kniewel, R; Veldhuizen, M; Verma, HK; Navarro-Rodríguez, M; Rubio, LM; Caro, E. 2017. "Adaptation of the GoldenBraid modular cloning system and creation of a toolkit for the expression of heterologous proteins in yeast mitochondria". BMC Biotechnology. DOI: 10.1186/s12896-017-0393-y". Q2	IF: 2,605; Q2; citas: 7 2 publicaciones
PERIAÑEZ RODRIGUEZ, JUAN	14/12/2017	MORENO RISUEÑO, MIGUEL ANGEL (UPM)	Perianez-Rodriguez J, Manzano C, Moreno-Risueno M.A. (2014). Post-embryonic organogenesis and plant regeneration from tissues: two sides of the same coin? Front Plant Sci. 5: 219:1-11.	IF: 3.948; Q1; citas: 31 3 publicaciones
RODRÍGUEZ NEVADO, CRISTINA	16/07/2018	PAGÁN MUÑOZ, JESÚS ISRAEL	Rodríguez-Nevado, C; Lam, TTY; Holmes, EC; Pagán, I. 2018. The impact of host genetic diversity on virus evolution and emergence. Ecology Letters 21: 253-263. DOI: 10.1111/ele.12890.	IF: 9,137; Q1; citas: 2 2 publicaciones 2 1er autor
RUANO BLANCO, GUILLERMO	02/03/2018	ROJO DE LA VIESCA, ENRIQUE	Taurino M, Costantini S, De Domenico S, Stefanelli F, Ruano G, Delgadillo MO, Sánchez-Serrano JJ, Sanmartín M, Santino, Rojo E. SEIPIN Proteins Mediate Lipid Droplet Biogenesis to Promote Pollen Transmission and Reduce Seed Dormancy. Plant Physiol 176(2):1531-1546. doi: 10.1104/pp.17.01430	IF: 5,949; Q1; citas: 3
SÁNCHEZ MONTESINO, ROCÍO	01/03/2019	LUÍS OÑATE SÁNCHEZ (UPM)	Sánchez-Montesino, R.; Bouza-Morcillo, L.; Marquez, J.; Ghita, M.; Duran-Nebreda, S.; Gómez, L.; Holdsworth, M.J.; Bassel, G.; Oñate-Sánchez, L. 2019. "A regulatory module controlling GA-mediated endosperm cell expansion is critical for seed germination in Arabidopsis". Molecular Plant. DOI: 10.1016/j.molp.2018.10.009.	IF: 4,188; Q1; citas: 2
SENOVILLA RAMOS, MARTA	09/10/2017	GONZÁLEZ GUERRERO, MANUEL	Senovilla M, Castro-Rodríguez R, Abreu I, Escudero V, Kryvoruchko I, Udvardi MK, Imperial J, González-Guerrero M. 2018. Medicago truncatula copper transporter1 (MtCOPT1) delivers copper for symbiotic nitrogen fixation. New Phytol. 218: 696-709. DOI: 10.1111/nph.14992.	IF: 7,433; Q1; citas: 2 3 publicaciones
SOENENS MARTÍNEZ DE MURGUÍA, AMALIA	14/06/2018	IMPERIAL RÓDENAS, JUAN	Soenens A, Gomila M, Imperial J. 2018. Neorhizobium tomejilense sp. nov., first non-symbiotic Neorhizobium species isolated from a dryland agricultural soil in southern Spain. Syst Appl Microbiol S0723-2020(18)30214-5. DOI: 10.1016/j.syapm.2018.09.001.	IF: 3,899; Q1; 2 publicaciones 2 1er autor
SHUKLA, AAYUSHI	21/02/2018	GARCÍA-ARENAL, FERNANDO (UPM)	Shukla, A, Pagán, I, García-Arenal, F. 2018. Effective tolerance based on resource re-allocation is a virus-specific defence in Arabidopsis thaliana. Molecular Plant Pathology 19: 1454-1465. DOI: 10.1111/mpp.12629	IF: 4,188; Q1; citas: 5
SWAMI, SANJAY	31/01/2018	JORDA MIRO, LUCIA (UPM); TORRES LACRUZ, MIGUEL ANGEL (UPM)	Sopeña-Torres, S, Jordá, L, Sánchez-Rodríguez, C, Miedes, E, Escudero, V, Swami, S, López, G, Piślewska-Bednarek, M, Lassowskat, I, Lee, J, Gu, Y, Haigis, S, Alexander, D, Pattathil, S, Muñoz-Barrios, A, Bednarek, P, Somerville, S, Schulze-Lefert, P, Hahn, MG, Scheel, D, Molina, A. 2018. YODA MAP3K kinase regulates plant immune responses conferring broad-spectrum disease resistance. New Phytologist, 218(2):661-680. DOI: 10.1111/nph.15007	IF: 7,433, Q1, citas: 7 3 publicaciones