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# 1. Publications

In 2017 the researchers of the Institute have published 91 articles in high impact international journals. 55% of the articles published to date are in the first quartile of the SCI (Science Citation Index), which is indicative of the scientific excellence of the Institute.

1. Aslibekyan, S; Do, AN; Irvin, MR; Hidalgo, BA; Zhi, DG; Tiwari, HK; Absher, DM; Ordovas, JM; Arnett, DK. A Methylome-and Transcriptome-Wide Study of Dietary Fructose Intake in Humans. *Circulation*. 2017 Mar; 135 (1) Abstract: P099
2. Hurtado-Roca, Y; Bueno, H; Fernandez-Ortiz, A; Ordovas, JM; Ibanez, B; Fuster, V; Rodriguez-Artalejo, F; Laclaustra, M. Oxidized LDL Is Associated With Metabolic Syndrome Traits Independently of Central Obesity and Insulin Resistance. *Diabetes*. 2017 Feb; 66 (2): 474-482. DOI: [10.2337/db16-0933](https://doi.org/10.2337/db16-0933)
3. Gonzalez-Calvo, L; Dervishi, E; Joy, M; Sarto, P; Martin-Hernandez, R; Serrano, M; Ordovas, JM; Calvo, JH. Genome-wide expression profiling in muscle and subcutaneous fat of lambs in response to the intake of concentrate supplemented with vitamin E. *BMC Genomics*. 2017 Jan; 18 (92). DOI: [10.1186/s12864-016-3405-8](https://doi.org/10.1186/s12864-016-3405-8)
4. Wang Z, Manichukal A, Goff DC Jr, Mora S, Ordovas JM, Pajewski NM, Post WS, Rotter JJ, Sale MM, Santorico SA, Siscovick D, Tsai MY, Arnett DK, Rich S, Frazier-Wood AC. Genetic associations with lipoprotein subfraction measures differ by ethnicity in the multi-ethnic study of atherosclerosis (MESA). *Human Genetics*. 2017 Jun. DOI: [10.1007/s00439-017-1782-y](https://doi.org/10.1007/s00439-017-1782-y)
5. Loria-Kohen V, Marcos-Pasero H, de la Iglesia R, Aguilar-Aguilar E, Espinosa-Salinas I, Herranz J, Ramirez de Molina A, Reglero G. Multiple chemical sensitivity: Genotypic characterization, nutritional status and quality of life in 52 patients. *Medicina Clínica*. 2017 Aug; 149 (4): 141-146. DOI: [10.1016/j.medcli.2017.01.022](https://doi.org/10.1016/j.medcli.2017.01.022)
6. García-Risco MR, Mouhid L, Salas-Pérez L, López-Padilla A, Santoyo S, Jaime L, Ramírez de Molina A, Reglero G, Fornari T. Biological Activities of Asteraceae (*Achillea millefolium* and *Calendula officinalis*) and Lamiaceae (*Melissa officinalis* and *Origanum majorana*) Plant Extracts.

*Plant foods for human nutrition*. 2017 Mar; 72 (1): 96-102. DOI: [10.1007/s11130-016-0596-8](https://doi.org/10.1007/s11130-016-0596-8)

7. Bernardini, E; Visioli, F. High quality, good health: The case for olive oil. *European Journal of Lipid Science and Technology*. 2017 Jan; 119 (1). UNSP 1500505. DOI: [10.1002/ejlt.201500505](https://doi.org/10.1002/ejlt.201500505)

8. Crespo MC, Tomé-Carneiro J, Pintado C, Dávalos A, Visioli F, Burgos-Ramos E. Hydroxytyrosol restores proper insulin signaling in an astrocytic model of Alzheimer's disease. *Biofactors*. 2017 Jul-Aug; 43 (4): 540-548. DOI: [10.1002/biof.1356](https://doi.org/10.1002/biof.1356)

9. Fernandez-Marcos, PJ; Serrano, M. Young and Lean: Elimination of Senescent Cells Boosts Adaptive Thermogenesis. *Cell Metabolism*. 2017 Feb; 25 (2): 226-228. DOI: [10.1016/j.cmet.2017.01.012](https://doi.org/10.1016/j.cmet.2017.01.012)

10. Rosique-Esteban, N; Diaz-Lopez, A; Martinez-Gonzalez, MA; Corella, D; Goday, A; Martinez, JA; Romaguera, D; Vioque, J; Aros, F; Garcia-Rios, A; Tinahones, F; Estruch, R; Fernandez-Garcia, JC; Lapetra, J; Serra-Majem, L; Pinto, X; Tur, JA; Bueno-Cavanillas, A; Vidal, J; Delgado-Rodriguez, M; Daimiel, L; Vazquez, C; Rubio, MA; Ros, E; Salas-Salvado, J. Leisure-time physical activity, sedentary behaviors, sleep, and cardiometabolic risk factors at baseline in the PREDIMED-PLUS intervention trial: A cross-sectional analysis. *Plos One*. 2017 Mar; 12 (3): e0172253. DOI: [10.1371/journal.pone.0172253](https://doi.org/10.1371/journal.pone.0172253)

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  15. Chowen J, Argente-Arizon P, Freire-Regatillo A, Argente J. Sex differences in the neuroendocrine control of metabolism and the implication of astrocytes. *Frontiers in Endocrinology*. 2017 May; 48 (Special Edition): 3-12. DOI: [10.1016/j.yfrne.2017.05.003](https://doi.org/10.1016/j.yfrne.2017.05.003)
  16. Serra-Juhé C, Martos-Moreno G, Bou de Pieri F, Flores R, González J, Rodríguez-Santiago B, Argente J, Pérez-Jurado L. Novel genes involved in severe early-onset obesity revealed by rare copy number and sequence variants. *PLoS Genetics*. 2017 May; 13 (5). e1006657. DOI: [10.1371/journal.pgen.1006657](https://doi.org/10.1371/journal.pgen.1006657)
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