

## Los 20 artículos de mayor impacto con participación de la Universidad de Córdoba en el año 2007

1. "The fusarium graminearum genome reveals a link between localized polymorphism and pathogen specialization" *Science* 317: 1400-1402 (2007)  
**Factor de Impacto: 30,03**
2. "The impact of agricultural soil erosion on the global carbon cycle" *Science* 318: 626-629 (2007)  
**Factor de Impacto: 30,03**
3. "The chlamydomonas genome reveals the evolution of key animal and plant functions" *Science* 318: 245-251 (2007)  
**Factor de Impacto: 30,03**
4. "New frontiers in kisspeptin/gpr54 physiology as fundamental gatekeepers of reproductive function." *Frontiers in Neuroendocrinology* 29: 48-69 (2007)  
**Factor de Impacto: 11,53**
5. "Epigenetic regulation of wnt signaling pathway in acute lymphoblastic leukemia" *Blood* 109: 3462-3469 (2007)  
**Factor de Impacto: 10,37**
6. "Ctla-4 polymorphisms and clinical outcome after allogeneic stem cell transplantation from hla-identical sibling donors" *Blood* 110: 461-467 (2007)  
**Factor de Impacto: 10,37**
7. "Nitrate signaling by the regulatory gene nit2 in chlamydomonas" *Plant Cell* 19: 3491-3503 (2007)  
**Factor de Impacto: 9,87**
8. "A high-affinity molybdate transporter in eukaryotes" *Proceedings of the national academy of sciences of the united states of America* 104:20126-20130 (2007)  
**Factor de Impacto: 9,64**
9. "Monounsaturated fat-rich diet prevents central body fat distribution and decreases postprandial adiponectin expression induced by a carbohydrate-rich diet in insulin-resistant subjects" *Diabetes Care* 30: 1717-1723 (2007)  
**Factor de Impacto: 7,91**
10. "Allelic heterogeneity at the equine kit locus in dominant white (W) horses" *Plos Genetics* 3: 1-8 (2007)  
**Factor de Impacto: 7,67**
11. "Key role for intracellular k+ and protein kinases sat4/hal4 and ha15 in the plasma membrane stabilization of yeast nutrient transporters" *Molecular and Cellular Biology* 27: 5725-5736 (2007)  
**Factor de Impacto: 6,77**
12. "Rab18 inhibits secretory activity in neuroendocrine cells by interacting with secretory granules" *Traffic (Coopenhagen, Denmark)* 8: 867-882 (2007)  
**Factor de Impacto: 6,61**
13. "Intake of phenol-rich virgin olive oil improves the postprandial prothrombotic profile in hypercholesterolemic patients" *The American Journal of Clinical Nutrition* 86:341-346 (2007)  
**Factor de Impacto: 6,56**
14. "Telomere shortening and chromosomal abnormalities in intestinal metaplasia of the urinary bladder" *Clinical Cancer Research* 13: 6232-6236 (2007)  
**Factor de Impacto: 6,18**
15. "Epidermal growth factor receptor protein expression and gene amplification in small cell carcinoma of the urinary bladder" *Clinical Cancer Research* 13: 953-957 (2007)  
**Factor de Impacto: 6,18**
16. "Containerless reaction monitoring in ionic liquids by means of raman microspectroscopy" *Lab on a chip – miniaturisation for chemistry and biology* 7: 126-132 (2007)  
**Factor de Impacto: 5,82**

17. *"Two independent apolipoprotein a5 haplotypes modulate postprandial lipoprotein metabolism in a healthy caucasian population"* Journal of clinical endocrinology and metabolism 92: 2280-2285 (2007) **Factor de Impacto: 5,8**  
(2008)
18. *"Gstp1 and mthfr polymorphisms are related with toxicity in breast cancer adjuvant anthracycline-based treatment"* Current drug metabolism 8: 481-486 (2007)  
**Factor de Impacto: 5,76**
19. *"Histogenesis of sarcomatoid urothelial carcinoma of the urinary bladder: Evidence for a common clonal origin with divergen differentiation"* Journal of Pathology 211: 420-430 (2007)  
**Factor de Impacto: 5,76**
20. *"Proteomics in free-living mus spretus to monitor terrestrial ecosystems"* Proteomic 7: 4376-4387 (2007)  
**Factor de Impacto: 5,74**