

30 most cited publications of IMG authors (first and corresponding) since 2006

(the red number indicates the number of citations according to WOS Core Collection including auto-citations by October 23, 2020; both original communications and reviews are included)

Mihola, O; Trachtulec, Z; Vlcek, C; Schimenti, JC; Forejt, J. A mouse speciation gene encodes a meiotic histone H3 methyltransferase. **Science**. 2009; 323:373-375: **272**

Krausová, M; Kořínek, V; Wnt signaling in adult intestinal stem cells and cancer. **Cell Signal** 2014; 26(3): 570-579: **217 REVIEW**

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Machon, O; Backman, M; Machonova, O; Kozmik, Z; Vacik, T; Andersen, L; Krauss, S. A dynamic gradient of Wnt signaling controls initiation of neurogenesis in the mammalian cortex and cellular specification in the hippocampus. **Dev Biol**. 2007; 311:223-237: **148**

Hubackova, S; Krejcikova, K; Bartek, J; Hodny, Z. IL1- and TGF β -Nox4 signaling, oxidative stress and DNA damage response are shared features of replicative, oncogene-induced, and drug-induced paracrine 'Bystander senescence'. **Aging (Albany NY)** 2012; 4(12): 932-51: **143**

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Fujimura, N; Taketo, MM; Mori, M; Korinek, V; Kozmik, Z. Spatial and temporal regulation of Wnt/beta-catenin signaling is essential for development of the retinal pigment epithelium. **Dev Biol** 2009; 334(1): 31-45: **97**

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Hnilicová, J; Hozeifi, S; Dušková, E; Icha, J; Tománková, T; Staněk, D. Histone deacetylase activity modulates alternative splicing. **PLoS One** 2011; 6(2): e16727: **86**

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