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SCHOLARLY PUBLICATIONS AND CREATIVE ACHIEVEMENTS

ARTICLES (in refereed journals):


R Dziarski; DR Kashyap; A Rompca; A Gaballa; JD Helmann; J Chan; CJ Chang; I Hozo; D Gupta, “Peptidoglycan Recognition Proteins Kill Bacteria by Inducing Oxidative, Thiol, and Metal Stress”, PLoS Pathog 10(7): e1004280. doi:10.1371/journal.ppat.1004280 (2014)


Miladinovic B, Kumar A, Hozo I, Djulbegovic B. “Trial sequential analysis may be insufficient to draw firm conclusions regarding statistically significant treatment differences using observed intervention effects: A case study of meta-analyses of multiple myeloma trials.” Contemporary Clinical Trials 34 (2013) 257–261


John P.A. Ioannidis, Iztok Hozo, Benjamin Djulbegovic, "Optimizing type I and II error pairs for research inferences", accepted in Journal of Clinical Epidemiology (2012)


Djulbegovic B, Hozo I. “When is it rational to participate in a clinical trial? a game theory approach incorporating trust, regret and guilt”, BMC Medical Research Methodology (2012), 12:85

Athanasios Tsalatsanis, Laura E Barnes, Iztok Hozo and Benjamin Djulbegovic, "Extensions to Regret-based Decision Curve Analysis: An application to hospice referral for terminal patients", BMC Medical Informatics and Decision Making (2011), 11:77


Hozo I, Djulbegovic B, "Will insistence on practicing medicine according to expected utility theory lead to an increase in diagnostic testing? Reply to Dekay’s commentary: Physicians’ anticipated regret and diagnostic testing.", Med Decis Making (2009);29:320-324.


Stem Cell Trialists Group. "Individual patient data meta-analysis of allogeneic peripheral blood stem cell transplant vs. bone marrow transplant in the management of hematological malignancies: indirect assessment of the effect of day 11 methotrexate administration." Bone Marrow Transplant (2006); 38:539-546.

Kumar A, Soares PH, Wells R, Clarke M, Hozo I, Bleyer A, Reaman G, Chalmers I, and Djulbegovic B, "What is the probability that a new treatment for cancer in children will be superior to an established treatment? An observational study of randomised controlled trials conducted by the Children's Oncology Group.", British Medical Journal (2005); 331; 1295-1301.


Djulbegovic B and Hozo I. "Acting on evidence can only be done within the context of decision analysis." *BMJ* (1998; July 29) (http://www.bmj.com/cgi/eletters/317/7151/139).


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