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- **2020 | Genome Biology.** *Promoter scanning during transcription initiation in *Saccharomyces cerevisiae*: Pol II in the “shooting gallery”.* Qiu C, Jin H, Vvedenskaya I, Llenas J, Zhao T, Malik I, Visbisky A, Schwartz S, Cui P, Cabart P, Han K, Lai W, Metz R, Johnson C, Sze S, Pugh B, Nickels B, Kaplan C.
  - **2019 | Patent Application**, Docket No. 60518-0011. *Computer-implemented detection and statistical analysis of errors by healthcare providers.* Elgort D, Schwartz S, Sweeney E, Dubbin G, Langseth G, Ciollaro M, Andre A.
  - **2019 | Plant Cell and Environment**, 42(7), 2165-2182. *Complex interactions between day length and diurnal patterns of gene expression drive photoperiodic responses in a perennial C4 grass.* Weng X, Lovell J, Schwartz S, Changde C, Haque T, Zhang L, Razzaque S, Juenger T.
  - **2017 | Cancer Prevention Research**, 10(10), 553-562. *Early Exposure to a High Fat/High Sugar Diet Increases the Mammary Stem Cell Compartment and Mammary Tumor Risk in Female Mice.* Lambertz I, Luo L, Berton T, Schwartz S, Hursting S, Conti C, Fuchs-Young R.
  - **2016 | Plant Physiology**, 172(2), 734-48. *Promises and challenges of eco-physiological genomics in the field: tests of drought responses in Switchgrass.* Lovell J, Shakirov E Schwartz S, Lowry D, Aspinwall A, Taylor S, Bonnette J, Hawkes C, Fay P, Juenger T.
  - **2016 | Genome Research**, 26(4), 510-18. *Drought responsive gene expression and regulatory divergence between upland and lowland ecotypes of a perennial C4 grass.* Lovell J, Schwartz S, Lowry D, Shakirov E, Wang M, Johnson J, Sreedasyam A, Plott C, Jenkins J, Schmutz J, Juenger T.
  - **2016 | BMC Genomics**, 17(202). *Colletotrichum graminicola mutant deficient in the establishment of biotrophy reveals early transcriptional events in the maize anthracnose disease interaction.* Torres M, Ghaffari N, Buiate E, Moore N, Schwartz S, Johnson C, Vaillancourt L.
  - **2014 | Nature Biotechnology**, 32, 903-14. *A comprehensive assessment of RNA-seq accuracy, reproducibility and information content by the SEQC Consortium.* Su Z, et al.
  - **2013 | Zoonoses Public Health**, 60(5), 327-35. *Identification and phylogenetic analysis of the first pandemic (H1N1) 2009 in influenza virus from feral swine.* Clavijo A, Nikooienejad A, Shahrokh M, Metz R, Schwartz S, Atashpaz-Gargariz E, Deliberto T, Lutman M, Pedersen K, Bazan L, Swenson S, Koster L, Zang M, Beckham T, Johnson C, Bonpheng M.
  - **2012 | Genome Biology**, 13(4). *A metagenomic study of diet-dependent interaction between gut microbiota and host in infants reveals differences in immune response.* Schwartz S, Ivanov I, Davidson L, Goldsby J, Dahl D, Dougherty E, Herman D, Donavan S, Chapkin R.
  - **2012 | Statistics in Medicine**, 31(10), 949-62. *Sensitivity analysis for unmeasured confounding in principal stratification.* Schwartz S, Li F, Reiter J.
  - **2011 | Physiological Genomics**, 43(10), 640-54. *Integrated microRNA and mRNA expression profiling in a rat colon carcinogenesis model: Effect of a chemoprotective diet.* Shah M, Schwartz S, Zhao C, Davidson L, Zhou B, Lupton J, Ivanov I, Chapkin R.
  - **2011 | Journal of the American Statistical Association**, 106(496), 1331-44. *Dirichlet processes for flexible modeling of continuous intermediate variables using principal stratification.* Schwartz S, Li F, Mealli F.
  - **2010 | Statistics in Medicine**, 29(16), 1710-23. *Joint Bayesian analysis of birthweight and censored gestational age using finite mixture models.* Schwartz S, Gelfand A, Miranda M.
  - **2010 | Dissertation, Duke University**, advisors: Drs. Fan Li and Jerome P. Reiter. *Bayesian Mixture Modeling Approaches for Intermediate Variables and Causal Inference.* Schwartz S.