



COSPAR Outstanding Paper Award for Young Scientists Papers published in Life Sciences in Space Research in 2024

LSSR-D-24-00046 by He *et al.* entitled “*Integrated analysis of miRNAome and transcriptome reveals that microgravity induces the alterations of critical functional gene modules via the regulation of miRNAs in short-term space-flown C. elegans*”

LSSR-D-24-00006 by Xu and Liang *et al.* entitled “*rTMS Ameliorates time-varying depression and social behaviors in stimulated space complex environment associated with VEGF signaling*”

LSSR-D-23-00119 by Adkins *et al.* entitled “*Effects of social isolation and galactic cosmic radiation on fine motor skills and behavioral performance*”

LSSR-D-23-00089 by Ge *et al.* entitled “*Simulated microgravity altered the gene expression profiles and inhibited the proliferation of Kupffer cells in the early phase by downregulating LMO2 and EZH2*”