



The Infrared Properties of Massive Stars in the Magellanic Clouds

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We present results of our study of the infrared properties of massive stars in the Large and Small Magellanic Clouds, which are base d on the Spitzer SAGE surveys of these galaxies. We have compiled catalogs of spectroscopically confirmed massive stars in each galaxy, a s well as photometric catalogs for a subset of these stars that have infrared counterparts in the SAGE database, with uniform photometry fro m 0.3 to 24 microns in the UBVIJHKs+IRAC+MIPS24 bands. These catalogs enable a comparative study of infrared excesses of OB stars, c lassical Be stars, yellow and red supergiants, Wolf-Rayet stars, Luminous Blue Variables and supergiant B[e] stars, as a function of metallicit y, and provide the first roadmaps for interpreting luminous, massive, resolved stellar populations in nearby galaxies at infrared wavelengths. 存档文本

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