Cover Story:
Five decades ago, the discovery of the X-ray sky opened a new window on the dynamic aspect of our universe, and has since greatly enhanced our understanding of mysterious objects like neutron stars and black holes. China launched its first X-ray telescope in June 2017 to map X-ray sources in the Milky Way Galaxy. With a second mission now under development, which will look deeper at extragalactic transients, and a third one waiting for selection, Chinese scientists are striving for a great leap forward from a late comer to world leader in X-ray astronomy.

Exhibition Showcases CAS Efforts to Serve the National Goal of Building an Innovation-Driven Country

China Takes Key Step towards Permanent Space Station
Tokamak in Hefei Sets New Record with Steady State, High Performance Plasma
Mathematician Passes Away at 98
CAS Scientist Bags Top Meteorology Prize
Quantum Physicist Receives Fresnel Prize
CAS Releases First RS Green Book for Sustainable Development of China

China Catches up in X-ray Astronomy
China Gears up for Lunar Science

Micius Witnesses "Spooky Action" over 1200km from Outer Space
Lost in Redundancy: Dysfunctional Sperm Found Victim of Failed Histone Replacement Caused by Mutant Human Piwi
“Spooky action” triumphs in outer space: A joint team of CAS scientists reported in a cover article in *Science* the successful survival of quantum entanglement over a distance of 1200 km, and a violation of Bell Inequality.

A team of biochemists from Shanghai successfully identifies mutant human gene *Piwi* as responsible for azoospermia, meanwhile offers a potential rescue therapy.

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