2024.10.31 University of Science and Technology of China

MONTHLY REPORT

第 2 期 By International College



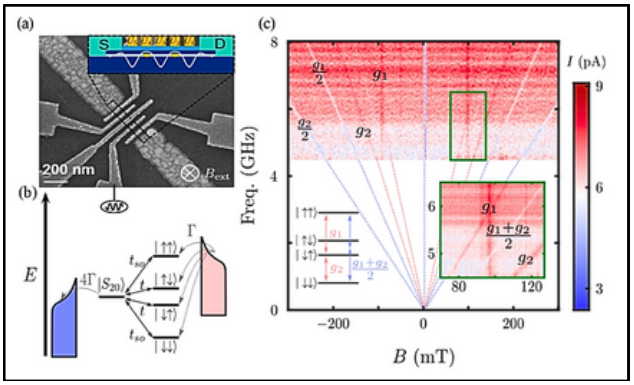
Abstract ◎ Research ◎ Activity ◎ News



RESEARCH

· 1

Tunable Coherent Population Trapping in Double Quantum Dot Systeme



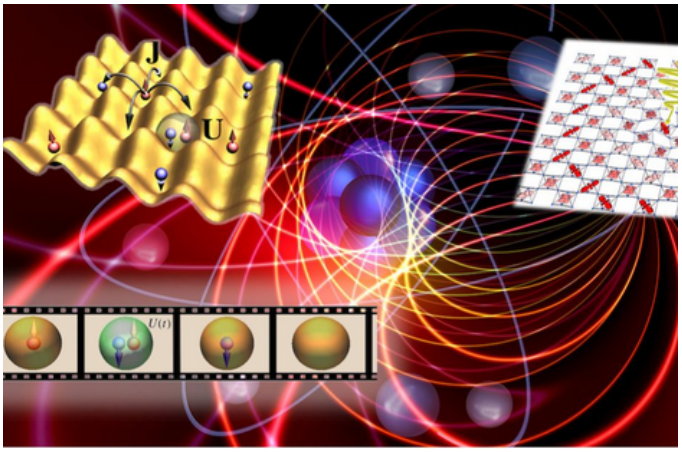
· 2

Novel Quantum Lidar Achieves High-Sensitivity Wind Detection



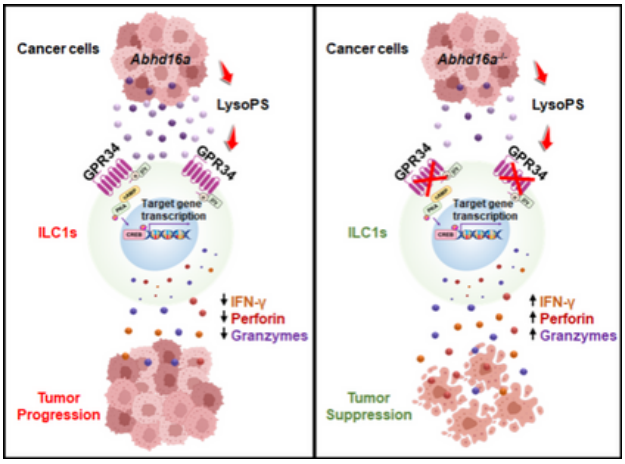
· 3

Physicists Uncover Universal Non-equilibrium Quantum Dynamics in Randomly Interacting Spin Models



· 4

Researchers Unveil Inhibition Mechanism of Receptors on NK Cells



RESEARCH

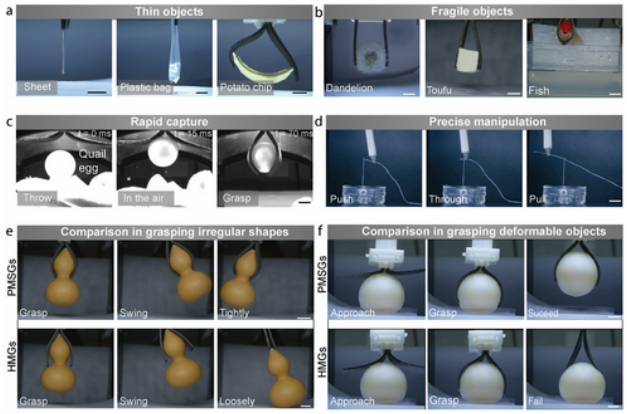
· 5

Chinese research team develops new type of eco-friendly fire extinguishing agent targeting lithium battery flame



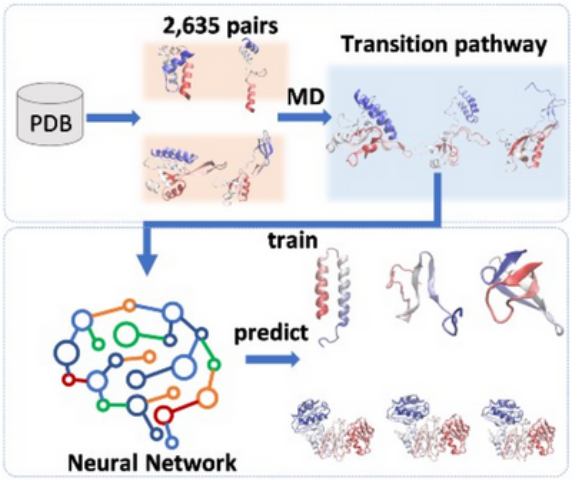
· 6

USTC Develops New Porous Magnetic Soft Grippers for Delicate Living Objects Grasping



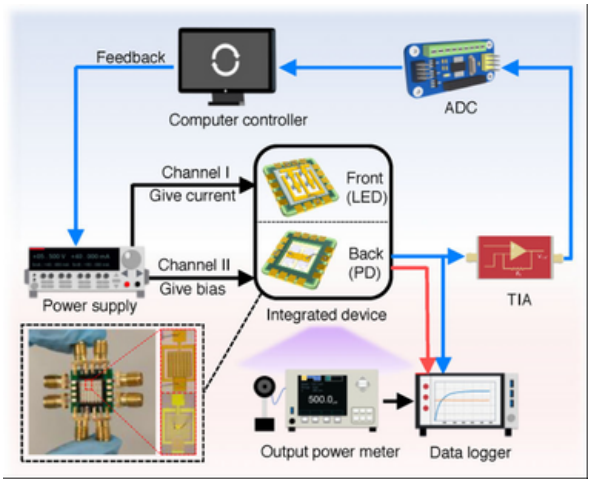
· 7

USTC Develops Deep Learning Model to Predict Protein Conformational Changes



· 8

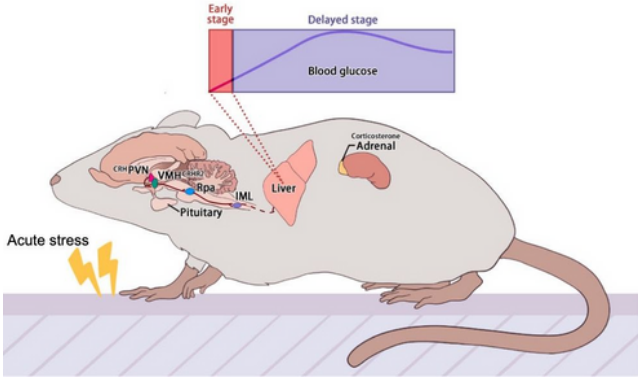
New DUV Micro-LED Array Advances Maskless Photolithography



RESEARCH

· 9

USTC Discovers Novel Pathway for Stress-induced Glucose Release



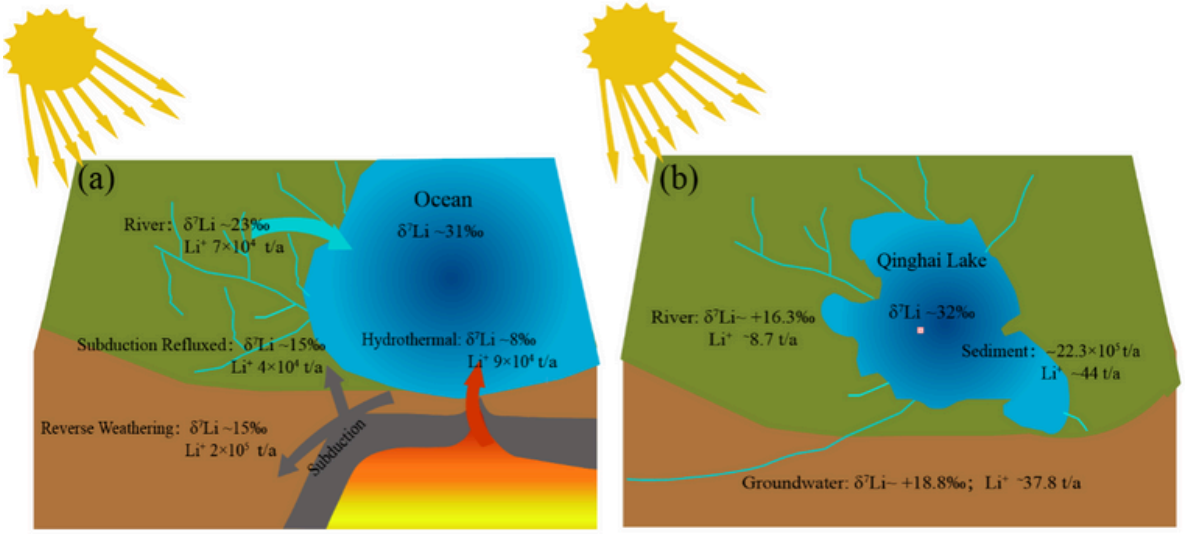
· 10

USTC Discovers Polarity Competition Mechanisms in Thunderstorm Cloud-Top Corona Discharges



· 11

How Lithium Isotope Cycles in Qinghai Lake?



ACTIVITY

· 2024-10-25

2024 USTC Sports Gala







News

The 2024 Seminar on Safety Engineering Materials & Technologies alongside “the Belt & Road” successfully held in Hefei

