



蘇州大學
SOOCHOW UNIVERSITY



全球苏大简讯

SUDA Global

Newsletter

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Preface to the Inaugural Issue



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"Rain falls on the trees of Jiangnan, and countless flowers bloom overnight." With the care of our leaders and the support of all colleagues, as we celebrate the 124th anniversary of the founding of Soochow University, the "SUDA Global Newsletter" sets sail quietly, carrying expectations and dreams, and raising the sails of hope.

Founded in 1900, Soochow University is one of the oldest modern universities in China. It was among the first to offer postgraduate education and award master's degrees, the first to offer legal education in Anglo-American law, and the first to publish a university journal. Today, it has developed into a high-level comprehensive university with extensive disciplinary coverage, large enrollment, and outstanding educational achievements, enjoying a high reputation both at home and abroad. Soochow University ranks steadily in the top 150 globally in the "Academic Ranking of World Universities" and is ranked 37th globally and 18th in China



in the "Nature Index."

Soochow University has always been committed to providing high-quality education and scientific research. Its internationalized, innovative, and interdisciplinary approaches to research have led to numerous fundamental discoveries and technological breakthroughs. According to ESI (Essential Science Indicators), 19 of its disciplines are ranked in the top 1% globally, with five disciplines—Chemistry, Materials Science, Clinical Medicine, Pharmacology and Toxicology, and Engineering—ranked in the top 1‰.

Located in the historical and international city of Suzhou, Soochow University is known for its active international cooperation and exchanges because we believe that international engagement and a global perspective are indispensable for building a first-class university. The university has established inter-university exchange relationships with over 230 universities and research institutions in more than 40 countries (regions), hosting over a thousand international students from around the world.

In June 1906, when Soochow University launched China's earliest university journal, the "Dongwu Monthly" (the inaugural issue was named "Xuefu"), the cover design featured a sailboat navigating the vast sea, with rolling waves and soaring sails, symbolizing its expectations to be a contemporary leader alongside the nation and society. "Sailing through the waves, one day we will hoist the sail



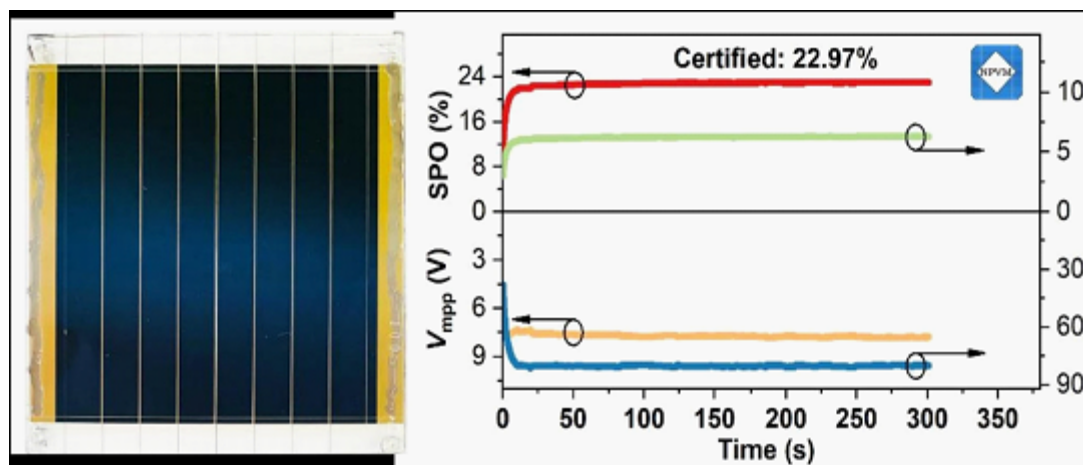
high and cross the sea." More than a century later, the small boat has become a large ship, with thousands of sails competing. China is now closely connected to the world, and dreams are continuously being realized. Today, more than a century later, the "SUDA Global Newsletter" is launched, spreading the good news of Soochow University to the world with a new look and bilingual format, injecting strong momentum into the construction of "Double First-Class" status.

Let us set sail towards new goals with renewed determination!



Prof. Xiaohong Zhang and Prof. Jun Peng published a paper in Nature reporting a new approach to enhancing the performance of large-area perovskite solar cell modules

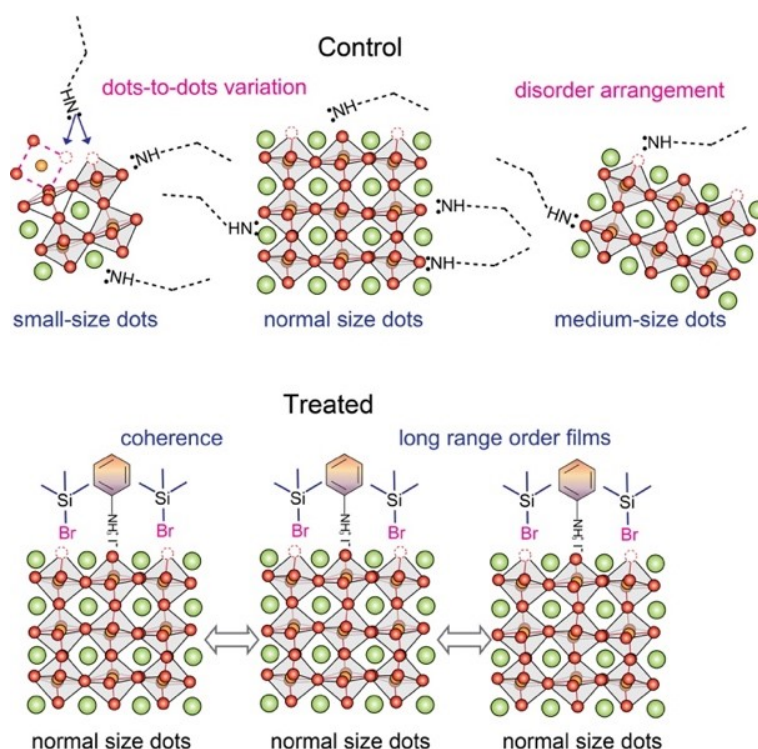
The study successfully produced high-quality perovskite thin films with oriented growth and excellent crystallinity. The perovskite solar cell module, with an aperture area of approximately 27.22 cm², achieved a record breaking stabilized efficiency of 22.97%. This research reveals the intrinsic mechanism of the synergistic effect of dopants and additives, specifically proton exchange and multi-site interactions, providing a practical solution for improving the performance of large-area perovskite solar cell modules.



The original paper is available on the [Nature Website](#).

Prof. Liangsheng Liao and Assoc. Prof. Yakun Wang published a paper in Nature reporting a new method for the controlled preparation of long-range ordered quantum dot thin films

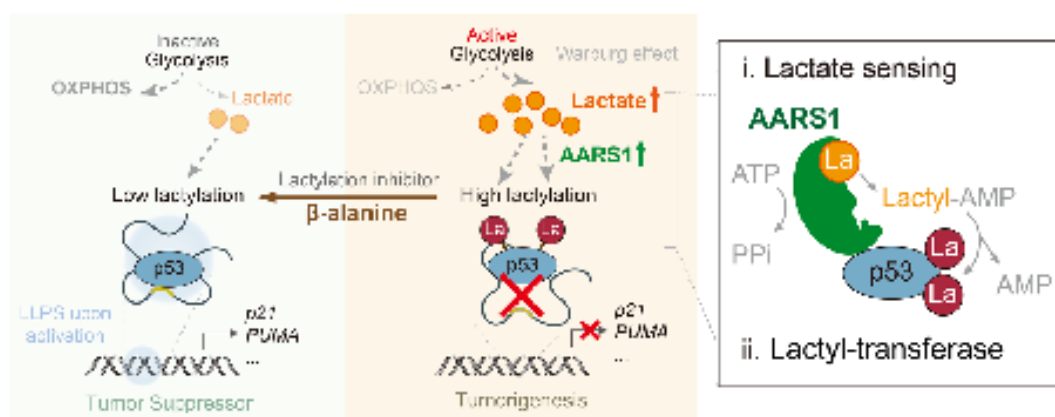
This research proposes a dual-ligand synergy strategy, which allows the perovskite quantum dot light-emitting devices to maintain an external quantum efficiency of over 20% even at a brightness of 1000 nits. The working lifetime also increased by more than 100 times, the longest for similar devices. This research provides a new practical application of high-performance quantum dot light-emitting devices.



The original paper is available on the [Nature Website](https://www.nature.com/articles/s41566-022-01000-0).

Prof. Fangfang Zhou's team published paper in Cell reporting new findings on how lactate metabolism regulates tumor progression

This study discovered the critical role of p53 lactylation in tumor progression. Mediated by the enzyme AARS1 (alanine-tRNA synthetase), which senses intracellular lactate and catalyzes lactylation, This not only expands our understanding of the mechanisms of intracellular lactate sensing and lactylation but also revealing a close link between lactate and tumor progression, providing a potential target for developing new cancer treatment strategies.



The original paper is available on the [Cell Website](#).



SUDA held an IAEA workshop on emergency management and new treatment technologies for ionizing radiation injuries

From April 15th to 19th, The workshop for Emergency damage control and medic procedures for Ionizing radiation hazards, led by the International Atomic Energy Agency (IAEA) was hosted by the School of Radiological Medicine and Protection at Suzhou Medical College. This event was implemented within the framework of the IAEA's RER9161 technical cooperation project, "Strengthening Regional Capacity for Effective Nuclear and Radiation Emergency Preparedness and Response." The workshop featured lectures by Hideo Tatsuzaki from Japan's National Institutes for Quantum Science and Technology (QST) and Minsu Cho from the Radiation Emergency Medical Center at Korea's National Medical Center.





SUDA held the Sino-Thai Symposium on Energy and New Materials

SUDA hosted the "Sino-Thai Symposium on Energy and New Materials " during April 27th to 28th. Experts and scholars of Kasetsart University, including Wanwipa Vongsangnak, Assistant to the President, and Siripon Anantawaraskul, Vice Dean of the Faculty of Engineering, attended the symposium. Established in 1943, Kasetsart University is one of Thailand's top five national comprehensive universities. Since the signing of cooperation agreement in April 2023, SUDA and Kasetsart University have conducted various collaborations, including personnel exchanges and scientific research cooperation.





SUDA signed an inter-university cooperation agreement with Queen's University Belfast

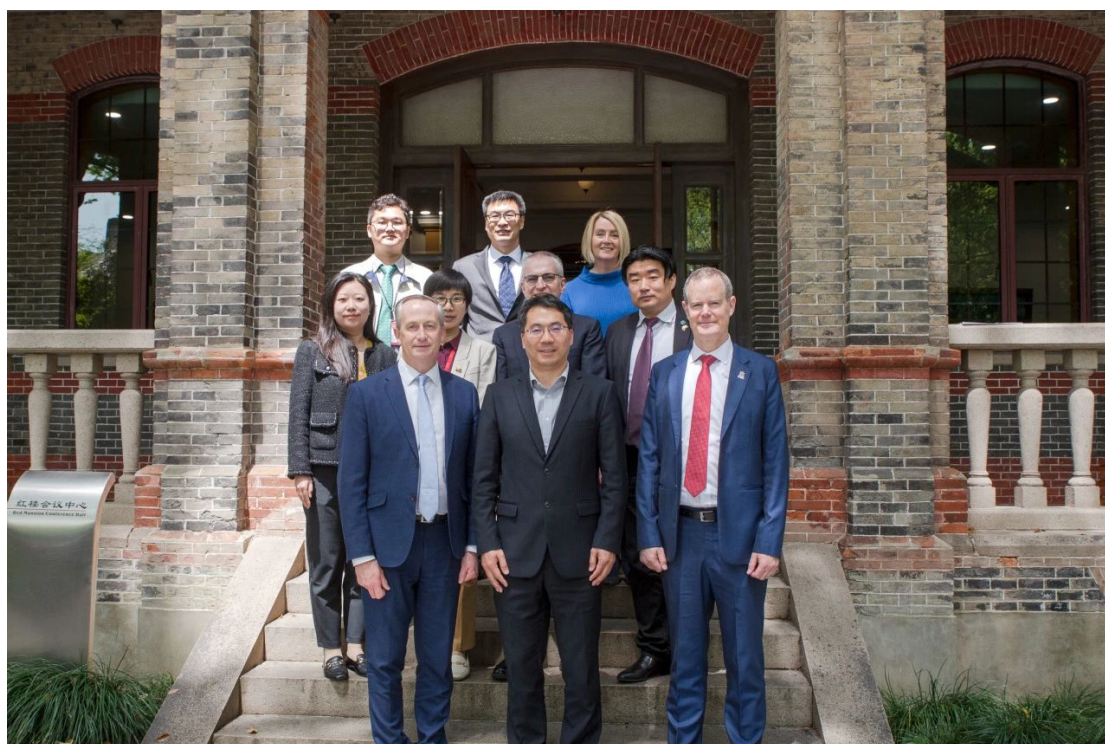
Margaret Topping, Vice President of Queen's University Belfast visited SUDA on May 13th. Vice President Li Xiaofeng warmly received the guests at "Hong Lou" Conference Center. Queen's University, located in Northern Ireland, UK, is a comprehensive research university ranked top 200 globally. The nursing schools of both universities have already had numerous successful collaborations. During this visit, the two sides signed an inter-university cooperation agreement and reached a consensus on expanding cooperation areas and conducting comprehensive collaboration.





CEO of Enterprise Ireland visited our university

On April 11th, Leo Clancy, the CEO of Enterprise Ireland, and a delegation of five visited our university. They expressed congratulations and support on behalf of the Irish government, for the joint establishment of the International College of Pharmaceutical Innovation (ICPI) by SUDA and the Royal College of Surgeons in Ireland. This meeting was attended by Vice President Xiaofeng Li, Brian Kirby, the foreign Dean of the ICPI, and Hong Zi, Deputy Director of the International Office.





Deputy chancellor of Monash University visited our university

Deputy chancellor of the council John Simpson, Deputy Vice-Chancellor and Senior Vice-President Susan Elliot of Monash University visited SUDA on June 21st. Secretary of the Party Committee Xiaohong Zhang, Deputy Secretary of the Party Committee and Vice -President Mingrong Shen, Vice-President Jiawei Wu of SUDA attended the meeting in Honglou Conference Centre. They discussed in-depth about expanding inter-university talents fostering and academic research collaborations. The two universities also signed multiple inter university cooperation agreements during this meeting.





Foreign student valedictorian speaks at 2024 graduation ceremony

Kristina Makljenovic, Bachelor of Chinese Language and Literature from Bosnia and Herzegovina gave her speech in fluent Chinese at the 2024 graduation ceremony on June 22nd. Kristina recited her encounter with Suzhou and her life at SUDA; she also thanked SUDA for the opportunities provided to foreign students, including travel and study arrangements to experience Chinese culture and China's recent development. Kristina further expressed her anticipation to build stronger bonds and expand culture appreciation between China and Bosnia and Herzegovina with what she has learned during her stay at SUDA.





SUDA organized a study tour to Shanghai for students from Hong Kong, Macao and Taiwan

SUDA Students' International Communication Association (SICA) organized students from Hong Kong, Macao, and Taiwan to visit places such as Yuyuan Garden Old City God Temple Street, the Bund, and the Shanghai Urban History Development Exhibition Hall. The students wandered through the ancient temples and strolled among modern skyscrapers, fully experiencing the beauty of the integration between ancient Chinese civilization and a modern international metropolis, where past, present, and future intertwine.





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