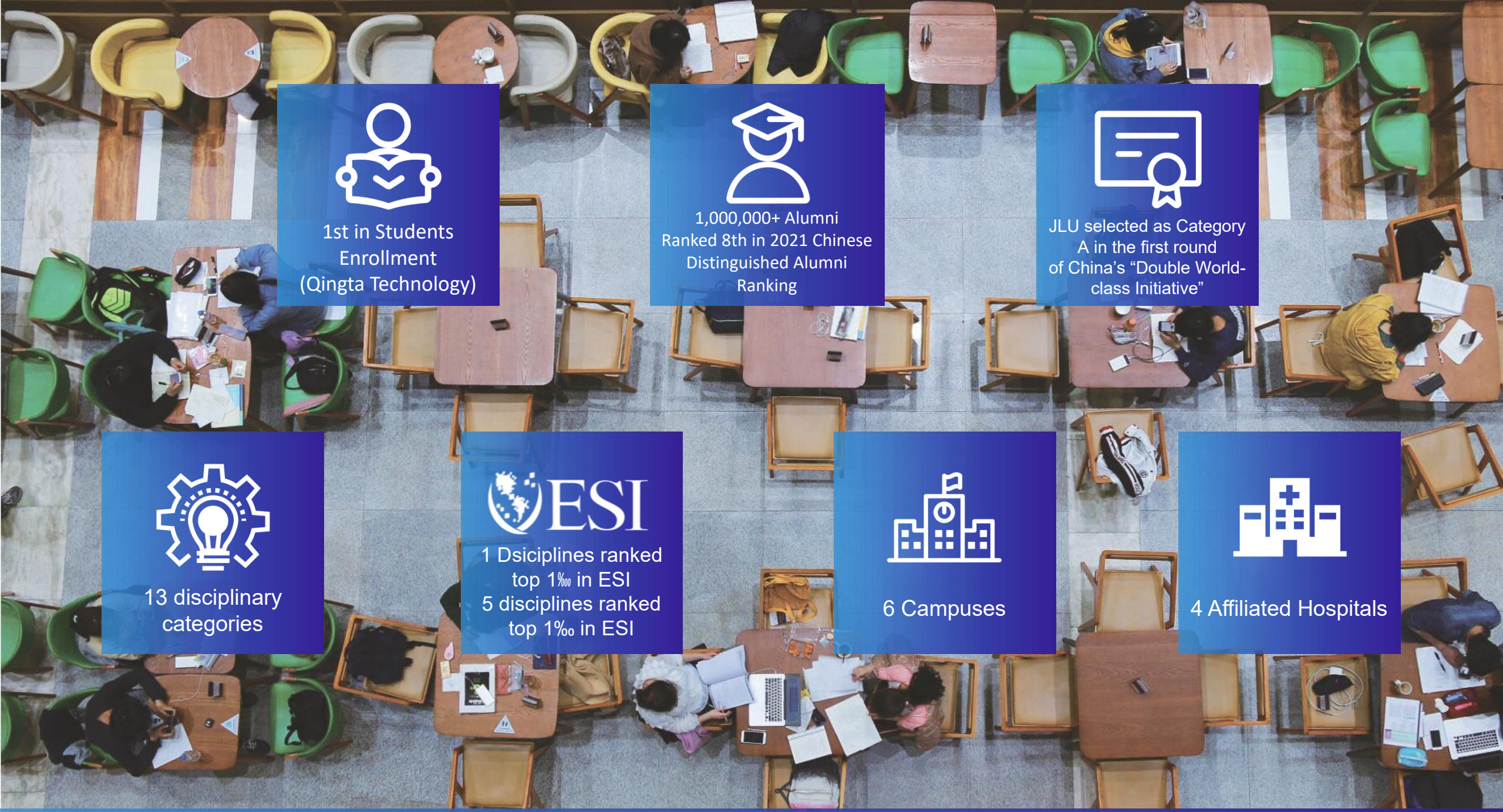
An Overview of Jilin University



JLU at a Glance

- Founded in 1946
- A merger of six universities
- 13 disciplinary categories
- 6,279 faculty members
- 76,142 students
- Over 1,000,000 JLU alumni


1st in Students Enrollment (Qingta Technology)
1,000,000+ Alumni
Ranked 8th in 2021 Chinese Distinguished Alumni Ranking
JLU selected as Category A in the first round of China's "Double World-class Initiative"
13 disciplinary categories
ESI
1 Dsiciplines ranked top 1‰ in ESI
5 disciplines ranked top 1‰ in ESI
6 Campuses
4 Affiliated Hospitals

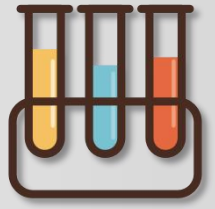
KEY DISCIPLINES IN "DOUBLE WORLD-CLASS INITIATIVE"



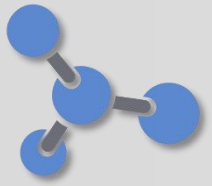
Archaeology



Mathematics



Chemistry



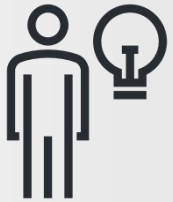
Materials Science and Engineering



Physics



Biology



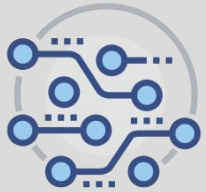
Philosophy



Law



Mechanical and Bionic Engineering



Electronic Science and Technology



Geological Resource and Geological Engineering



One Health

Research Strength

ESI:

1 DISCIPLINE RANK TOP 1‰ IN ESI

- Chemistry

5 DISCIPLINES RANK TOP 1‰ IN ESI

- Chemistry
- Materials Science
- Pharmacology & Toxicology
- Engineering
- Clinical Medicine

Nature Index:

14th in Chinese Mainland

22nd in the world

Report View by Selection — Customize

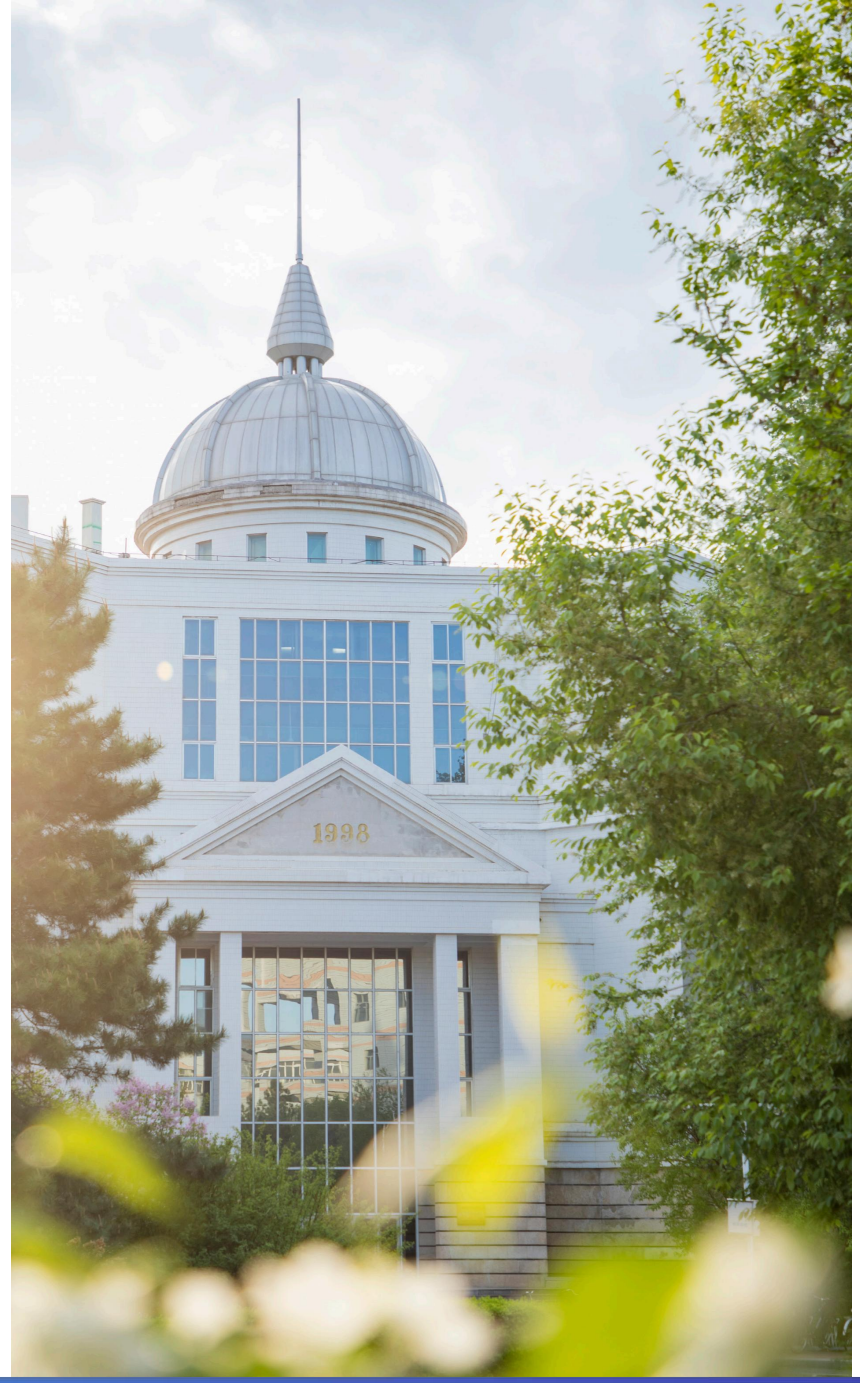
Total: 2024	Institutions	Countries/Regions	Web of Science Documents	Cites	Cites/Paper
16	TIANJIN UNIVERSITY	CHINA MAINLAND	14,762	387,102	26.22
17	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH (CSIR) - INDIA	INDIA	18,122	365,182	20.15
18	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)	SPAIN	16,480	362,198	21.98
19	JILIN UNIVERSITY	CHINA MAINLAND	15,905	360,510	22.67
20	NANYANG TECHNOLOGICAL UNIVERSITY	SINGAPORE	7,861	358,317	45.58
21	NANKAI UNIVERSITY	CHINA MAINLAND	11,061	340,280	30.76
22	NANJING UNIVERSITY	CHINA MAINLAND	11,872	339,452	28.59

FACULTY OF ARTS AND HUMANITIES
·School of Philosophy and Sociology
·College of Humanities
·School of Archaeology
·School of Foreign Languages and Cultures
·College of Arts
·College of Physical Education
·School of History and Culture

FACULTY OF SOCIAL SCIENCES
·School of Economics
·School of Law
·School of Public Administration
·School of Business and Management
·School of Marxism Studies
·College of Northeast Asian Studies
·School of International and Public Affairs

FACULTY OF SCIENCES
·School of Mathematics
·College of Physics
·College of Chemistry
·College of Life Sciences

FACULTY OF ENGINEERING
·School of Mechanical and Aerospace Engineering
·College of Automotive Engineering
·School of Materials Science and Engineering
·College of Transportation Science and Engineering
·College of Biological and Agricultural Engineering



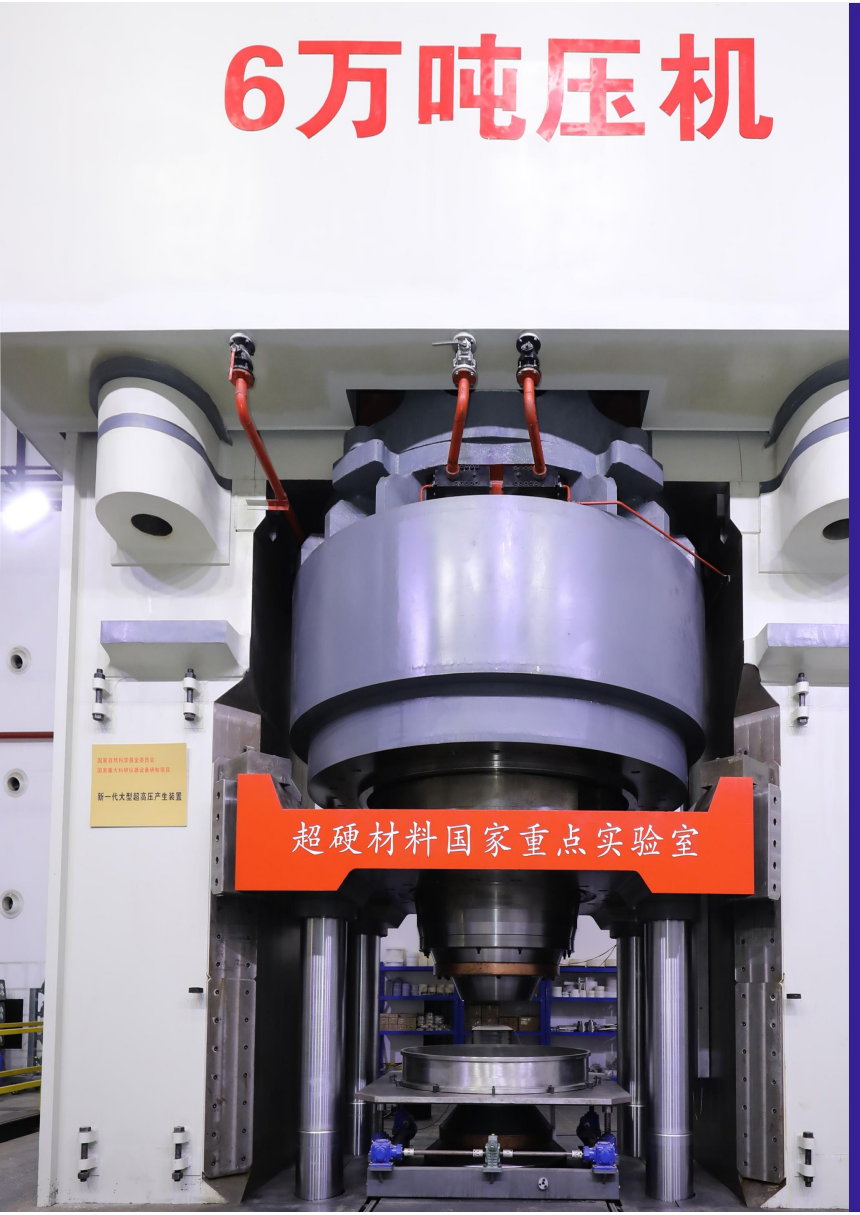
FACULTY OF INFORMATION SCIENCES
·College of Electronic Science and Engineering
·College of Telecommunication Engineering
·College of Computer Science and Technology
·College of Software

FACULTY OF EARTH SCIENCES
·College of Earth Sciences
·College of Geo-Exploration Science and Technology
·College of Construction Engineering
·College of New Energy and Environment
·College of Instrumentation and Electrical Engineering

FACULTY OF MEDICAL SCIENCES
·College of Basic Medical Sciences
·School of Public Health
·School of Pharmaceutical Sciences
·School of Nursing
·Norman Bethune First School of Clinical Medicine
·Norman Bethune Second School of Clinical Medicine
·Norman Bethune Third School of Clinical Medicine
·Norman Bethune Stomatological School

FACULTY OF AGRICULTURE
·College of Veterinary Medicine
·College of Plant Science
·College of Animal Science
·College of Food Science and Engineering

FACULTY OF INTERDISCIPLINARY STUDIES
·School of Artificial Intelligence



STATE KEY LABORATORIES

- State Key Laboratory of Automotive Chassis Integration and Bionics
- State Key Joint Laboratory of Integrated Optoelectronics
- State Key Laboratory of High Pressure and Superhard Materials
- State Key Laboratory of Inorganic Synthesis and Preparative Chemistry
- State Key Laboratory of Supramolecular Structure and Materials
- State Key Laboratory for Diagnosis and Treatment of Severe Zoonotic Infectious Diseases
- State Key Laboratory of Deep Earth Exploration and Imaging

STATE ENGINEERING LABORATORY

- State Engineering Laboratory for AIDS Vaccine

STATE ENGINEERING TECHNOLOGY RESEARCH CENTER

- National Geophysical Exploration Equipment Engineering Research Center

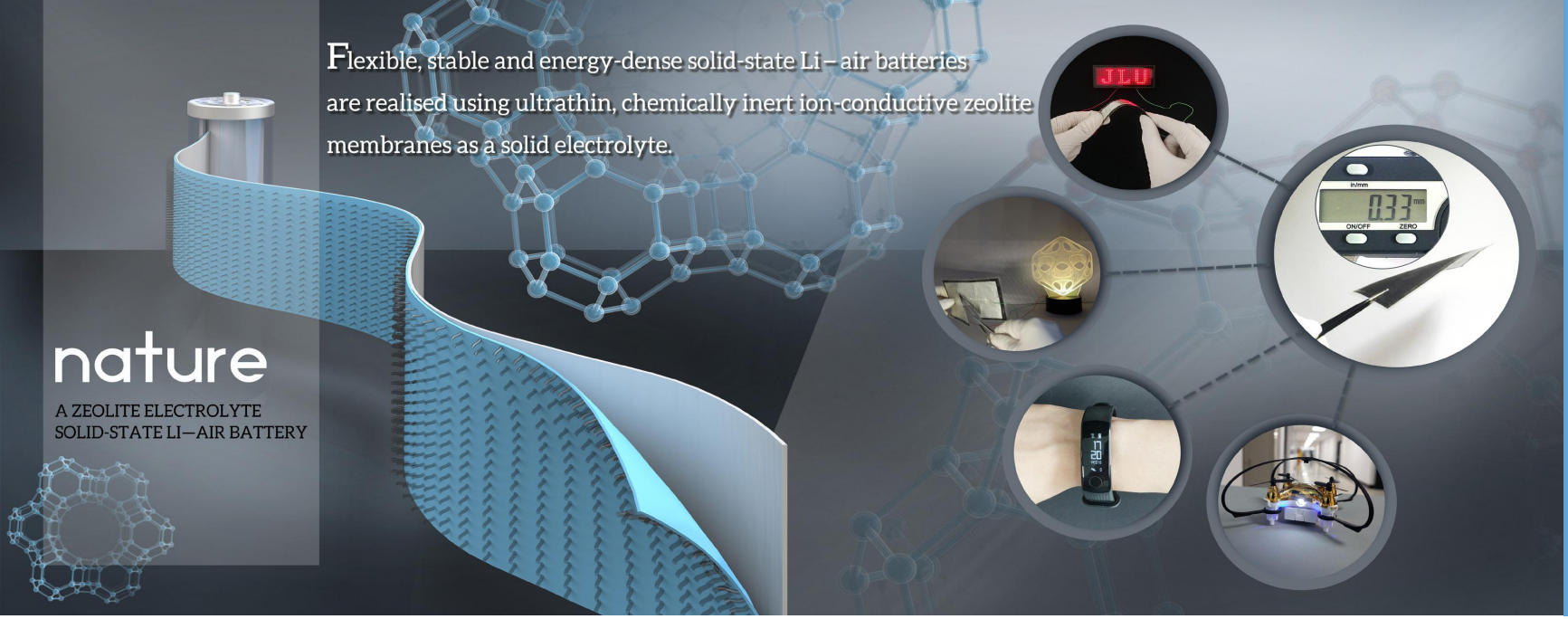
KEY CENTERS OF HUMANITIES AND SOCIAL SCIENCES UNDER THE MINISTRY OF EDUCATION

- Northeast Asian Research Center
- Research Center for Chinese Frontier Archaeology
- Center for Quantitative Economics
- Center for Jurisprudence Research
- China Center for Public Sector Economy Research
- Center for Fundamentals of Philosophy

KEY LABORATORIES UNDER THE MINISTRY OF EDUCATION

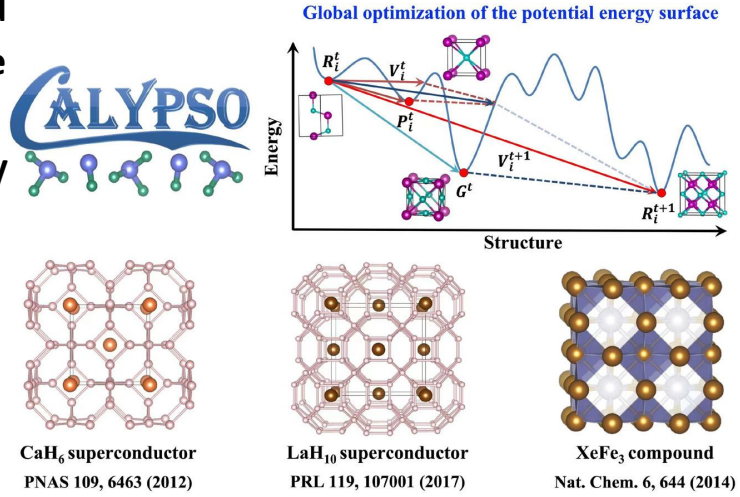
- Key Laboratory of Symbolic Computation and Knowledge Engineering
- Key Laboratory of Molecular Enzymology and Engineering
- Key Laboratory of Bionic Engineering
- Key Laboratory of Automobile Materials
- Key Laboratory of Pathobiology
- Key Laboratory of Geophysical Exploration Equipment
- Key Laboratory of Zoonosis and Research
- Key Laboratory of Groundwater Resources and Environment
- Key Laboratory of Physics and Technology for Advanced Batteries
- Key Laboratory of Organ Regeneration and Transplantation
- Key Laboratory of CNC Equipment Reliability
- Key Laboratory of Material Simulation Methods & Software

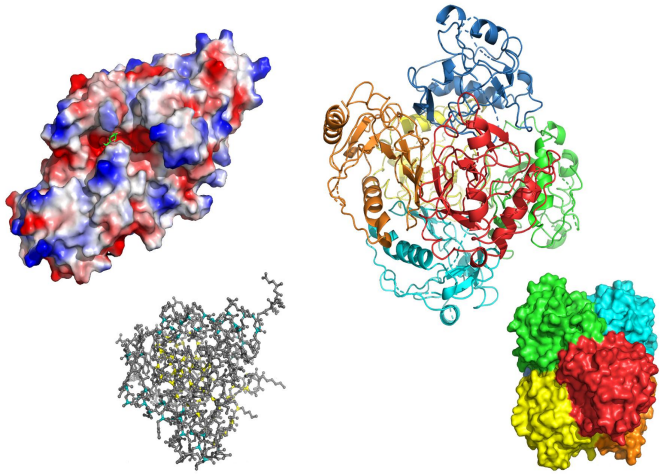




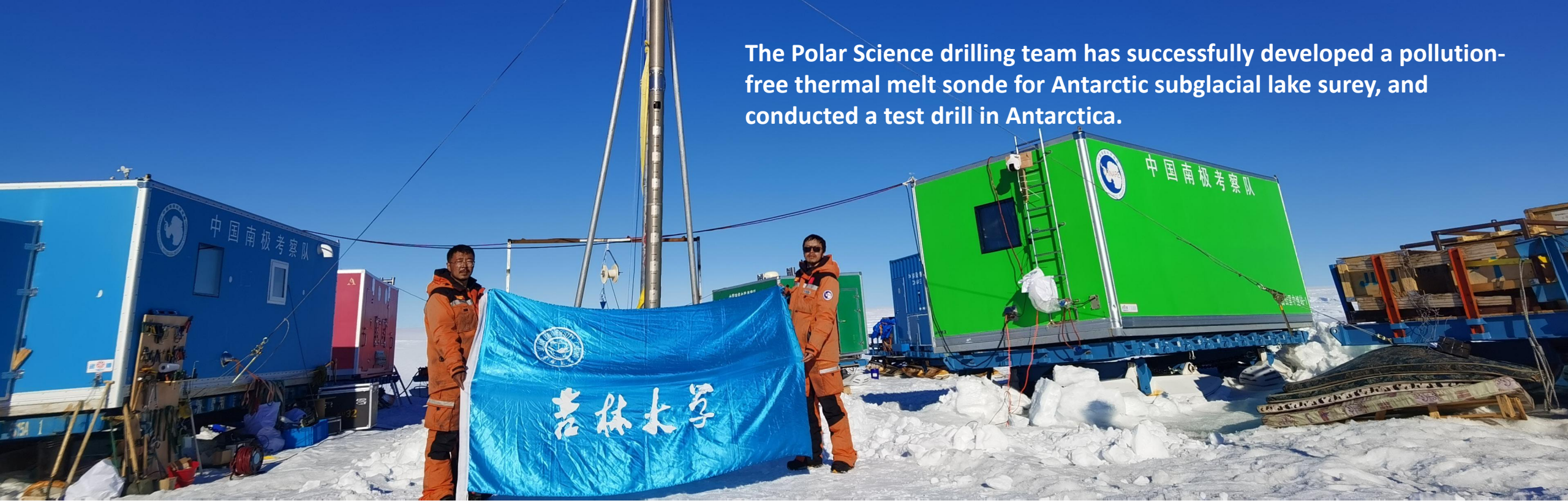
Prof. YU Jihong's group proposed a new integrated solid - state lithium - air batter with lithium - ion exchanged zeolite electrolyte, which opens up numerous opportunities in energy -related fields (Nature, 2021, 592, 551-557).

Prof. Ma Yanming's group has developed the CALYPSO method and software for crstal structure predictions through the global optimization of potential energy surace by using the swarm intelligence algorithm. The CALYPSO requires only chemical compositions for a given compound to predict stable or metastable structures at given external conditions.





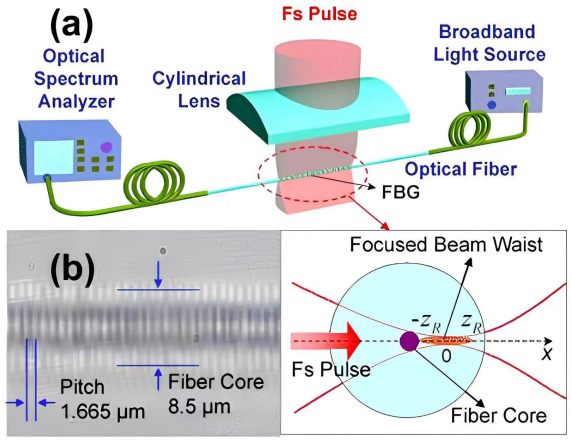
The thermophilic amylase and thermophilic inorganic pyrophosphatase developed by Professor Gao Renjun's team showed high stability and high activity. It has imporant application value in starch preparation of trehalose, synthesis of nucleic acid drugs and high-energy glycoside compounds, and most applications based on PCR reaction.



The Polar Science drilling team has successfully developed a pollution-free thermal melt sonde for Antarctic subglacial lake surey, and conducted a test drill in Antarctica.

JLU team led the development of airborne gravity gradiometer with high precision accelerometer and data compensation software system.





Key technological breakthroughs have been made in the ultrafast laser micro-nano preparation of special optoelectronic devices, which has solved the difficult problem of laser preparati on of hard and brittle transparent materials, and achieved high-precision, high-efficiency and high-reliability manufacturing.



Crust 1 completed its drilling of a borehole with the depth of 7,018 meters in Songliao Basin Drilling Project, which set a new Asian depth record.

It makes China the third country in the world to master 10,000-meter-deep drilling equipment and relevant technologies, following Russia and Germany.

JLU GLOBAL PARTNERSHIPS



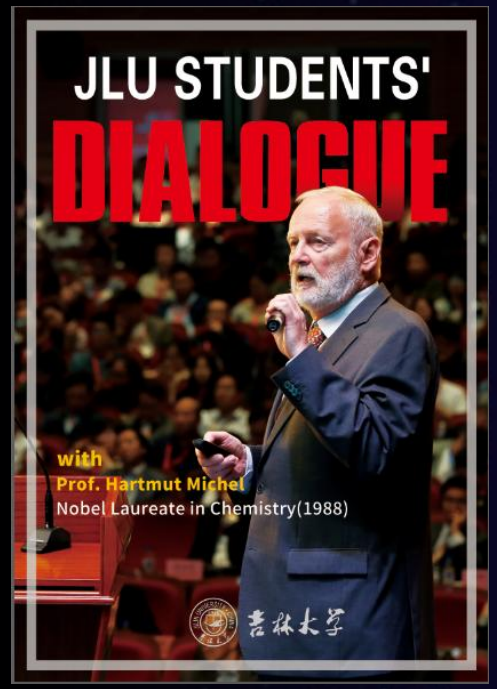
JLU established Partnerships with 317 universities and institutions in 45 countries or regions.

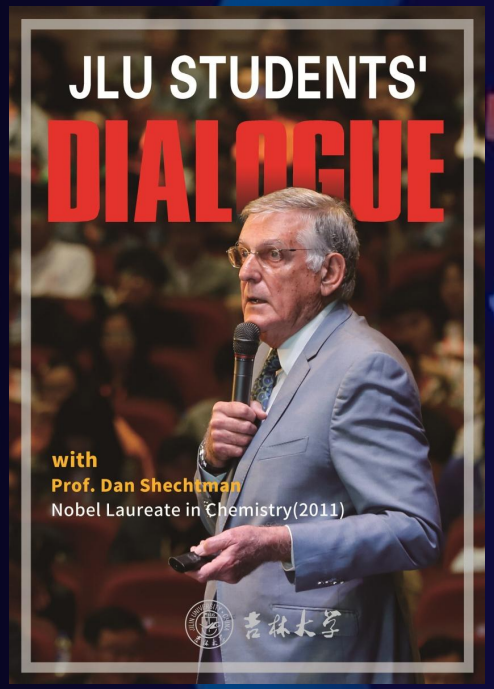
Among them, 50 are ranked in the top 100 and 80 in the top 200.

GLOBAL COMPETENCE PROGRAM



Since the launch of the program, it has supported 33 teaching and research units in collaborating with 110 top world-class universities and key universities/research institutions from 17 countries and regions along the 'Belt and Road'. A total of 108 projects have been implemented, with a participation of 8,326 teachers and students.





JLU GLOBAL LECTURES

Accessing the world's knowledge with JLU Global.

吉林大学 JILIN UNIVERSITY

吉林大学-牛津大学前沿学术讲坛

JLU-OXFORD FRONTIER LECTURES

吉林大学 JILIN UNIVERSITY

吉林大学 - 剑桥大学前沿学术讲坛

JLU - CAMBRIDGE FRONTIER LECTURES

The JLU Global Lectures program has organized and implemented 110 academic lectures across multiple fields and disciplines such as artificial intelligence, astrophysics, life and health, deep earth and deep sea exploration, One Health (human and animal shared medicine), sustainable urban development, and biomedical sciences. The program has invited 2 Nobel laureate and 29 academicians, with a participation of 39,136 teachers and students.



THANK YOU