



SOUTH CHINA UNIVERSITY
OF TECHNOLOGY



17	中南大学	323	333	4	42443	433341	10.98	110
18	South China University of Technology 华南理工大学	342	344	2	32735	479264	14.64	629
19	Soochow University 苏州大学	354	352	8	30826	464761	15.08	600
20	Nankai University 南开大学	374	377	3	25324	443349	17.51	533
21	Tongji University 同济大学	382	392	10	38066	437047	11.48	469

On January 9, Clarivate Analytics released the latest ESI data for January 2020. The total number of citations for papers of South China University of Technology was 479,264, ranking 342nd internationally (up 2 places compared to November 2019), while ranking 18th among domestic universities. The total number of papers reached 32,735, ranking 22nd domestically. Each paper was cited 14.64 times on average!

domestic universities. The rankings of 10 ESI disciplines have kept rising steadily, among which engineering, agricultural science, chemistry and materials science have reached the top 2.80%, 4.23%, 4.24% and 4.59% respectively in the world.

1	9	Clarivate Analytics	2020	1	ESI	
	479264	342	2019	11	2	18
	32735	22		14.64		629
15	10	ESI				4
			2.80%	4.23%	4.24%	4.59%



The MBA program of the School of Business Administration, South China University of Technology ranked 24th among the "2019 Top 50 Best MBA Programs", and won "the Most Distinctive MBA Program Award" at the China Business School ceremony jointly held by MBA China and Manager magazine on January 9.

1	9	MBA	MBA China
	2019	MBA	TOP50 24
			MBA 0

The School of Business Administration's MBA program has obtained two international Accreditations (AMBA and AACSB), and obtained class A evaluation (ranking top 7% - 15%) in the first China University Professional-degree Rankings. The MBA program will continue to be rooted in the enterprise practices of the Guangdong-Hong Kong-Macao Greater Bay Area, with focus on industry research and international development. Through training paths that meet the demands of social economy and market development, ample growth opportunity is created for students and the goal of "being the cradle of entrepreneurs with global perspective that are rooted in South China" is fulfilled.



The 2019 National Science and Technology Award (hereinafter referred to as the NST Award) award ceremony was held in the Great Hall of the People in Beijing on January 10. The project "key technology and its industrialization for clean production of pulp and paper and whole process control of water pollution", led by Professor Chen Kefu, Academician of the Chinese Academy of Engineering (first completer, State Key Laboratory of Pulp and Paper Engineering, SCUT), won the first prize. SCUT took the lead among colleges and universities in Guangdong Province by being the first to win the top prize of the NST Award.

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2019

The industry-university-research collaborations led by Professor Chen Kefu has solved the environmental problems for paper industry in accordance with national strategic needs. The core scientific research philosophy is to make full use of resources, and combine clean production with end treatment. The team has successfully developed 10 key technologies and 11 supporting technologies for clean production and water pollution control covering all the processes of pulp and papermaking, and formed 5 integrated technologies for scientific and technological innovation.



The project "key technology and industrialization of high luminous efficiency and long-lifetime semiconductor lighting" led by Yuan Yikai, (doctor of engineering, 2019, SCUT; the principal person to complete the project; and Director of the R & D Center of Foshan Nation Star Optoelectronics Co., Ltd.) won the first prize of the 2019 National Science and Technology Award. SCUT has formed a "resource sharing, win-win cooperation" relationship with Nation Star Optoelectronics Co., Ltd. The cooperation spans various fields including science and technology projects as well as personnel training, further facilitating the close connection between the enterprise and the university. SCUT aims to establish a long-term mechanism for industry-university-research cooperation to achieve positive developments for all parties.

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2019

In recent years, SCUT has been actively constructing a high-level training system for applied engineering technology innovation talents to meet the development demands of the "Belt and Road Initiative" and "Guangdong-Hong Kong-Macao Greater Bay Area" strategies. Facing key industries, regions, and innovative enterprises of the country, SCUT recruits about 130 innovative leading talents and outstanding talents with engineering practice ability in the field of engineering to study for doctoral degrees in engineering every year.

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In January, Professor C. L. Philip Chen (School of Computer Science and Engineering, SCUT), academician of the Academia Europaea, vice president of the Chinese Association of Automation, was elected as editor in chief of IEEE Transactions on Cybernetics (2020-2022).

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IEEE Transactions on Cybernetics (2020-2022)

Professor C. L. Philip Chen served as President of the IEEE SMC Society (2012-2013), Senior Past President (2014-2017), and chairman and committee member of the IEEE Fellow (SMC Society) for many consecutive years. Professor C. L. Philip Chen raised the impact factor to 7.351 during his six-year term (2014-2019) as editor-in-chief of IEEE Transactions on Systems, Man, and Cybernetics: Systems. The journal ranks second among the top journals of computer cybernetics, and is classified as a first-class journal of computer science in the rankings of the Chinese Academy of Sciences.

IEEE SMC

IEEE Fellow (SMC)

IEEE Transactions on Systems, Man, and Cybernetics: Systems

7.351

IEEE Transactions on Cybernetics was founded in 1960. It mainly reports the latest research progress in the fields of artificial intelligence, machine learning, cybernetics, and robotics, as well as the promotion of research in cybernetics. IEEE stands for Institute of Electrical and Electronics Engineers, and is the largest non-profit professional technology institute in the world.

IEEE Transactions on Cybernetics

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As the fight against the COVID-19 pandemic was entering a critical stage in February, China established two emergency hospitals (the Fire God Mountain "Huoshenshan" Hospital and Thunder God Mountain "Leishenshan" Hospital) in less than two weeks, achieving the impossible. Assistance through donations and manpower arrived in Wuhan from countless locations, while alumni entrepreneurs of SCUT led the people of their companies to enter the battlefield. These well-known brands included TCL, Gree, Skyworth, Dongpeng, PAK, and EVE.

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TCL

The TCL Group, in addition to a cash donation of ten million yuan, brought LCD screens, air-conditioners, fridges, and laundry machines to the hospitals in Wuhan. Gree (Group), a leader of the globe air-conditioner industry, sent a vanguard of engineers to install its latest two-way ventilation system, which was timely and productive in meeting the high demands of air exchange and purification in emergency hospitals. Skyworth Group donated televisions and air-cleaning equipment, in particular, voice-control modules were installed in the donated televisions that facilitated remote communication between medical staff and patients to reduce the risk of infection. Dongpeng Holdings provided sanitary equipment. PAK sent out its engineering team to install lighting equipment. EVE Energy maintained the proper functioning of 5G cell towers on the sites of the two hospitals.

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When learning that our students had difficulties in obtaining protective products, we immediately sent masks to students in Italy, Japan, South Korea, France, Netherlands and the United States. The protective products were sent with a letter from Dr, Zhang Xichun, Chairman of University Council, SCUT and Prof. Gao Song, President of SCUT attached. The letter contained information about the importance of quarantine and prevention. Additionally, Dr. Zhang and Prof. Gao encouraged the students to remain optimistic and rational, and take actions to shoulder the responsibility as students of SCUT and global citizens.

During the pandemic, the presidents or the representatives of many overseas partner universities, including Japan, Korea, Europe and the U.S.A., sent their condolences and expressed solicitude for the teachers and students of South China University of Technology and concerns about the epidemic in China.

Since the pandemic has spread around the world, South China University of Technology has

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On March 24, the "Frontline Report" section of the Ministry of Education website reported the comprehensive pandemic prevention and control work of South China University of Technology:

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First, university-wide epidemic-handling mechanisms have been established. SCUT has set up one leading group and 11 working groups for prevention and control to establish a coordination mechanism. It has systematically formulated emergency plans, sent notices, suggestions and letters to different groups of teachers and students. Moreover, SCUT publishes notices of COVID-19 pandemic prevention and control in a timely manner through the new media platform.

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Second, precautions have been adopted in every aspect to keep the university operation in place. In accordance with the requirements of "preventing proliferation of domestic and imported cases", SCUT ensures the orderly progress of tasks in information gathering, COVID-19 pandemic prevention inspection, management services, material storage, publicity and reporting, and has achieved full coverage of personnel, areas and measures.

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Third, services in teaching and learning have been provided via remote. SCUT has postponed the start of the spring semester, with an online teaching plan being formulated and implemented for students to ensure that "education is continued with same quality". Online teaching began on February 24, with 2,751 courses of the spring semester available to all students. SCUT actively creates conditions for teachers and students to work and study online. With more than 6,700 people studying online, the MOOC course of "mental health education for university students" was offered. An online psychological assistance hotline has been opened to provide mental health consultation services for teachers and students.

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On March 25, the Science and Technology Innovation Conference of Guangdong Province was held in Guangzhou. Prizes were awarded during the conference. 27 (individual) projects of SCUT won prizes of the 2019 Science and Technology Award of Guangdong Province, including 1 Outstanding Contribution Award, 8 first prizes and 18 second prizes, ranking top in Guangdong Province.

3	25	2019	1	8	18	27
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Professor Wang Yingjun, Academician of the Chinese Academy of Engineering won the Outstanding Contribution Award of Science and Technology of Guangdong Province. The project "Well-posedness of Solutions to Liquid-gas Two-phase Flow Model", completed by Professor Zhu Changjiang's team (School of Mathematics), won the first prize of Natural Science. The project "Interface Control Technology of III-V Compound Semiconductor Materials and Devices" of Professor Li Guoqiang's team (School of Materials Science and Engineering), and the project "Active anti-floating of underground structures by drainage: key technologies and engineering applications" of Professor Cao Hong's team (School of Civil Engineering and Transportation) won the first prize of the Technological Invention Award. The project "High-value Processing Key Technologies and Industrialization of Bulk Starch Resources" of Professor Huang Qiang's team (School of Food Science and Engineering) won the first prize of Scientific and Technological Progress Award. SCUT also accomplished one first prize project of

the Natural Science Award, one first prize project of the Technological Invention Award, and 2 first prize projects of the Scientific and Technological Progress Award.

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