

Institute of Applied Chemistry (IAC) was founded in 1932 and the first one that focused on the applied chemistry in university. ... In the future, IAC will carry out the research on the energy catalyst, advanced electrochemical storage devices, the design, fabrication and the applications of fine chemical production, biology as well as analysis ...

Changchun Institute of Applied Chemistry, 09/2011~05/2016. B.S. in Inorganic Nonmetal Material Engineering. Changchun University of Science and Technology, 09/2007~07/2011 ... Nano Energy, Energy Storage Materials, Journal Materials Chemistry A, Chemical Engineering Journal, Chemical Communications . Publications.

The research group, Bioresource Chemistry and Technology, contributes to both fundamental and applied aspects of the sustainable utilisation of biomass for materials, chemicals, and bioenergy by the creation of knowledge and development of technologies within this subject area. This includes a fundamental understanding of the chemistry and physical properties of ...

Other research centers include the National Chemical Experiment Teaching Demonstration Center, the National Virtual Simulation Experiment Teaching Center, the Institute of Applied Chemistry and the Shihong Drug ...

PhD Fellowship in Applied Chemistry and Polymeric Materials, Basque Center for Macromolecular Design and Engineering POLYMAT Fundazioa (Spain) PhD Student in Characterization of thermo-hydro-mechanical properties of longwall goaf for geothermal energy storage in abandoned coal mines, Universit  de Li ge (Belgium)

We are developing battery storage projects from greenfield to construction and into operations. Our portfolio consists of stand alone projects as well as batteries in connection to our wind and solar PV projects. We see a clear advantage in ...

The Center for Energy Resources Engineering (CERE) is Denmark's leading research center in the areas of applied thermodynamics, petroleum technology, Carbon capture, use and storage (CCUS), geoscience and computational methods related to these activities. ... "Chemistry and the Energy Transition" Aliti, L. (Invited speaker), Andersen, S. I ...

We research into the development of more sustainable energy systems, safer autonomous systems and a faster, greener and more secure internet. At the Department of Energy ...

Prof. Dr. Ruzhu Wang, PhD. Shanghai Jiao Tong University, Shanghai, China. Energy utilization in HVAC & , Refrigeration systems, Thermal activated cooling, Building energy saving with efficient use of solar and ambient energy, Innovative researches on Energy-Material-Air-Water,

researchers and browse 48 departments, publications, full-texts, contact details and general information related to Technical University of Denmark | Kongens Lyngby, Denmark | DTU

At DTU Energy, we develop electrolysis, Power-to-X, fuel cells, batteries, thermal energy storage, Internet of Things - and more. We do research in a number of sustainable technologies. For ...

State Key laboratory of Rare Earth Resource Utilization, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, 130022, P.R. of China Name: Jing Pan Tel: +86-431-85262035 Fax: +86-431-8569804 Email: relab@ciac.ac.cn

----INTRODUCTION---- ? 1. General Information. In accordance with the university's overall strategic deployment to reorganize the schools, in January 2018, the School of Materials and Energy was established, with materials, chemistry, and energy-related disciplines, by merging the former College of Microelectronics and Solid-State Electronics (Demonstration ...

The institute is also part of the Institute for Inorganic Chemistry: Materials Research for Novel Energy Storage Systems (AK Ehrenberg). In addition to the laboratory equipment required for research, the institute also has access to ...

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(1) 1995. 9 -1999. 7 BS in Analytical Chemistry, Department of Chemistry, Jilin University;(2) 1999. 9 -2000. 8 Research assistant, Laboratory of Battery Material, Key Laboratory of Rare Earth Chemistry and Physics, Changchun Institute of Applied Chemistry, Chinese Academy of Science; (3) 2000. 9- 2005. 7 Master and PhD in Inorganic Chemistry, Changchun Institute of Applied ...

The Center for Energy Resources Engineering (CERE) is Denmark's leading research center in the areas of applied thermodynamics, petroleum technology, Carbon capture, use and storage ...

j Department of Energy Engineering, Korea Institute of Energy Technology ... s Chemical Engineering & Applied Chemistry, University of Toronto, Toronto, ... z Department of Energy Conversion and Storage, ...

DTU is joining forces with 18 stakeholders to implement a roadmap for carbon capture, utilization, and storage. According to the Danish government's climate programme, carbon capture, utilization, and storage ...

At the CHEC Research Centre we focus on chemical engineering principles applied in combustion, harmful emission control, gasification, catalysis, continuous production of pharmaceuticals and advanced measuring ...

Founded in 1985, Institute of Applied Chemistry is empowered with a group of young academic leaders, consisting of 9 professors, including 5 tutors of postgraduate candidates, 1 chair professor of the Cheungkong Scholars Program and 1 Shanghai Subject Chief Scientist. In the last 5 years, Department of Applied Chemistry undertook 13 programs of National Natural ...

1 State Key Laboratory of Rare Earth Resource Utilization, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, China. ... further commercialization of graphene colloid for numerous advanced applications in flexible printed electronics and energy storage devices. Keywords: Colloidal graphene; ...

We identify key reactions for a future renewable society, with the common theme that both oxygen and carbon chemistry must be catalyzed simultaneously; something that challenges today's catalysts. The central ...

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Ph. D in Applied Chemistry Changchun Institute of Applied Chemistry, 09/2011~05/2016 B.S. in Inorganic Nonmetal Material Engineering Changchun University of Science and Technology, 09/2007~07/2011 Professional Appointments 1. Professor, 05/2021~now

The main research fields of SINAP include advanced energy science and technology, represented by Thorium molten salt reactor nuclear energy system (TMSR), efficient energy storage and conversion, as well as the application ...

The main research activities of this Lab include: (1) solid imperfection physical chemistry and materials design; (2) preparation of energy conversion materials and key techniques; (3) key materials of fuel cells; (4) thermoelectric and photoelectric conversion

The Institute of Catalysis was founded in the 1970s. The enrollment of postgraduate students started since 1964 and PhD students since 1995. The institute was selected as one of the key disciplines of Zhejiang Province in 1984, and was upgraded to establish the Key Laboratory for Applied Chemistry of Zhejiang Province in 1992.

Department of Chemistry. Technical University of Denmark. Organisational unit: ... Power-to-X and Storage. Power and Energy Systems. Organisational unit: Section. 2 shared research output ... CAS - Changchun Institute of Applied Chemistry. External organisation: Academic.

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global energy challenges. ... Institute of Energy Conversion and Storage, Ulm University, Albert-Einstein-Allee 47, 89081 Ulm, ...

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Globe Institute: 30-04-2025: Postdoc in Organic Chemistry: Faculty of Science: Department of Chemistry:  
30-04-2025: ...

Dr. Lai is currently an associate professor in Nanotechnology & Catalysis Research Centre, University of Malaya. Lai's works have been published in more than 220 refereed international top-tier journals with Scopus h-index of 34, 75 ...

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