Open Access Repository Initiatives at Koç University

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COAR Annual Meeting
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Koç University:

- Founded in 1993
- Located at Rumeli Feneri in Istanbul
- Has 7 colleges and schools
- Medical campus with a teaching hospital is under construction

- Has nearly 4,500 students, 350 academic and 250 administrative staff
- 8,031 graduates are connected
Suna Kıraç Library:

- Celebrates its 20th anniversary
- In addition to the Main Library
  - Heath Sciences Library
  - Anatolian Civilization Research Center Library

Library Collections

- Total materials: 300,000
- Printed books: 200,000
- E-books: 90,000
- E-journals: 64,500 (Unique e-journals: 38,000)
- Databases: 92
Library Staff:
• 30 full-time personnel
  19 librarians
• 15 part-time student workers

Library Users
• ~ 5,500 FTE
• 500+ external members
Explore the Koç University Suna Kıraç Library’s New Digital Collections Portal

Digital Collections is a recent initiative of Koç University Suna Kıraç Library. Thousands of images, complete sets of University’s theses and dissertations and yearbooks from the Library collection are now available online from a single interface.

Digital Collections aim at providing access to materials that demonstrate KU research, scholarship and history. The available collections will be followed by a collection of manuscripts and by Library’s archival materials.

All materials are protected by copyright and generally for non-commercial educational use. Theses and Dissertations are restricted to campus access only.

The site provides searching and browsing across multiple collections. Further support on how to use this portal is available from ‘Help’.

Josephine Powell Slide Collection

The Josephine Powell Slide Collection includes the professional works of freelance photographer and film researcher Josephine Powell from the period of her work in Turkey. Although she regretted not starting to take pictures of Turkish nomads and villagers until late in her life, she still travelled extensively around the country...

more...

KU Theses and Dissertations

The KU Theses and Dissertations collection covers theses and dissertations written by graduate students of the institutes of Social Sciences and of Sciences at Koç University. The collection comprises a total of 703 theses and dissertations. The collection is currently available online only on the KU campus. This will continue...
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The collection is currently available online only on the KU campuses. This will continue to be the case until proper permissions are secured to allow off-campus access, a process which is currently ongoing. Print versions of the documents are available on the shelf at Suna Kırçağ Library.

For researchers who are not members of the KU community, the Theses and Dissertations collection is searchable, but the documents themselves are not currently viewable or downloadable online. Nor are the documents available to be borrowed via interlibrary loan (ILL). Researchers from other universities can, however, come to the KU campuses in order to view items from this collection.

A novel hybrid model for oblique machining induced residual stresses and distortions on thin parts
Determination of microdroplet contact angles using electrically driven droplet oscillations

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Oscillatory deformations of micrometer-sized NaCl-water droplets by an AC electric field are used for contact angle measurements on superhydrophobic surfaces. Contact angles are determined from the dependence of the lowest-order resonant frequency of the electrically driven droplet oscillations on the droplet size. The resonant frequency and size of a droplet are found using whispering gallery mode spectroscopy. Measurements are compared with those performed with direct mechanical driving of the droplets using a piezoelectric transducer, and a good agreement is found. The demonstrated contact angle measurement method can be readily integrated into the planar
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Thank you

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