Under the Hood of Microsoft Academic Search

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Agenda

- The hood – Academic Search Demo
- Under the hood – how it works
- Above the hood – API
Academic Search Demo

- Basic Search
- Author and author relationships
- Paper, citation and keyword
- Visualizations
- User input
Who Is M. Cohen?

Multipresence-Enabled Mobile Spatial Audio Interfaces

Owen Noel Newton Fernando¹, Michael Cohen², and Adrian David Cheok¹

Thermal Model Calibration for Minor Planets Observed with WISE/NEOWISE

A. Mainzer¹, T. Grav², J. Masiero¹

J. Bauer¹, E. Wright⁴, R. M. Cutri³, R. S. McMillan⁵, M. Cohen⁶, M. Ressler⁴, P. Eisenhardt¹
One person, or two?

Flash Cut: Foreground Extraction with Flash and No-flash Image Pairs

Jian Sun¹, Jian Sun², Sing Bing Kang³, Zong-Ben Xu¹, Xiaoou Tang², Heung-Yeung Shum²

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Update Frequency

- **48 hours**
  - Pipeline update (new data, change from users)

- **Weekly**
  - New PDF, update from conference, journal, urgent code change

- **Monthly**
  - Reference Scan, New data from publisher, homepage update

- **3-Months**
  - New domain expansion, major features
Above The Hood

- Public API
  - Support Query of all academic entities and their basic info
- With the API, you can
  - Work with others to share info
  - Help users to build useful clients
    - Conference management tool
- To build a good neighborhood with the community