JOIN THE GLOBAL RESEARCH COMMUNITY

Step 1 – Discover research from all over the world

Step 2 – International collaboration

Step 3 – Publication strategy

Step 4 – Innovate

Step 5 – Manage Research Information

Step 6 – Evaluate Research
JOIN THE GLOBAL RESEARCH COMMUNITY

Step 1 – Discover research from all over the world
RESEARCH OUTPUTS SHOULD BE DIVERSE & PUBLISHER – NEUTRAL
GLOBAL RESEARCH COMMUNITY USES
WEB OF SCIENCE

Web of Science >7,000 research institutions worldwide
Providing access to 30 million users
DEEP BACKFILE ENABLES DISCOVERY OF RESEARCH THROUGH CITATION CONNECTIONS

Authoritative, integrated Journal, Conference, and Book content.
WEB OF SCIENCE AND GOOGLE SCHOLAR
Integrated Research Discovery

Times Cited counts and direct links to the Web of Science are presented within Google Scholar search results.

This is the Web of Science Citing Articles Summary Page as displayed to an entitled user. A link back to the Google Scholar results is provided.
WEB OF SCIENCE AND GOOGLE SCHOLAR
Integrated Research Discovery

Clicking on button in Web of Science launches a search on Google Scholar.

Google Scholar automatically displays link to full text, at user’s university if available based on IP address.
JOIN THE GLOBAL RESEARCH COMMUNITY

Step 2 – International collaboration

Show Azerbaijan’s research to the world
Identify potential partners
Increase the impact of Azeri research
## AZERI RESEARCH OUTPUT IN PEER REVIEWED JOURNALS

### Web of Science® now with books

**Results**

CU=Azerbaijan  
Timespan=All years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, CCR-EXPANDED, IC.

Create Alert / RSS

Results: 6,672

### Refine Results

Search within results for:

- Web of Science Categories
  - MATERIALS SCIENCE MULTIDISCIPLINARY (566)
  - PHYSICS CONDENSED MATTER (531)
  - CHEMISTRY PHYSICAL (475)
  - PHYSICS APPLIED (472)
  - MATHEMATICS (433)

- Document Types
  - ARTICLE (5,580)
  - PROCEEDINGS PAPER (779)
  - MEETING ABSTRACT (280)
  - NOTE (113)
  - BOOK CHAPTER (71)

- Research Areas
- Authors
- Group Authors
- Editors
- Source Titles

### Examples of Research Output

1. **Title**: Observation of a new particle in the search for the Standard Model Higgs boson with the detector at the LHC  
   Author(s): Aad, G.; Abajyan, T.; Abbott, B.; et al.  
   Group Author(s): ATLAS Collaboration  
   Source: PHYSICS LETTERS B Volume: 716 Issue: 1 Pages: 1-29 DOI: 10.1016/j.physletb.2012.08.020  
   Published: SEP 17 2012  
   Times Cited: 824 (from Web of Science)

2. **Title**: Rapid Molecular Detection of Tuberculosis and Rifampin Resistance  
   Author(s): Boehrne, Catharina C.; Nabet, Pamela; Hillemann, Doris; et al.  
   Published: SEP 9 2010  
   Times Cited: 440 (from Web of Science)

3. **Title**: The ATLAS Experiment at the CERN Large Hadron Collider  
   Author(s): Aad, G.; Abat, E.; Abdallah, J.; et al.  
   Source: JOURNAL OF INSTRUMENTATION Volume: 3 Article Number: S08003 DOI: 10.1088/1748-0221/3/08  
   Published: AUG 2008  
   Times Cited: 434 (from Web of Science)
Unification of address variants for 1,000’s of research institutions helps evaluation accuracy.
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<td>Efendiev Rakib</td>
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Citation Distribution by year

- Total Articles in Publication List: 37
- Articles With Citation Data: 37
- Sum of the Times Cited: 115
- Average Citations per Article: 3.11
- h-index: 6
- Last Updated: 10/31/2013 06:05 GMT
Berlin, Germany.
Tech Univ Berlin.
A modified matrix sign function method for projected Lyapunov equations
Stykel, Tatjana
SYSTEMS & CONTROL LETTERS 56 (11-12): 695-701 NOV-DEC 2007
Powered By Web of Science
ARE YOU CONNECTED TO THE INTERNATIONAL RESEARCH NETWORK?

International Collaborations (%)

- Azerbaijan
- Belarus
- Iran
- Kazakhstan
- Georgia
- Russia
- Turkey
- Ukraine
- World average

- Azerbaijan: 5%
- Belarus: 10%
- Iran: 15%
- Kazakhstan: 20%
- Georgia: 25%
- Russia: 30%
- Turkey: 25%
- Ukraine: 21%
- World average: 21%
ARE YOU CONNECTED TO THE INTERNATIONAL RESEARCH NETWORK?
INTERNATIONAL COLLABORATION

Papers with International Co-author

National access to Web of Science
JOIN THE GLOBAL RESEARCH COMMUNITY

Step 3 – Publication strategy
Make Azeri research more visible
IS YOUR RESEARCH BEING NOTICED?

![Graph showing % Documents Cited for different countries including Armenia, Moldova, Georgia, Turkey, Russia, Belarus, Uzbekistan, Iran, Ukraine, Kazakhstan, Turkmenistan, Kyrgyzstan, Azerbaijan, Iraq, and Tajikistan.](image-url)
# INFORM PUBLICATION STRATEGY

## Journal Citation Reports

**Journal Summary List**

Journals from: **subject categories CRYSTALLOGRAPHY**

Sorted by: Impact Factor

**Journals 1 - 20 (of 23)**

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- Ranking is based on your journal and sort selections.
## INFORM PUBLICATION STRATEGY

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<tr>
<th>Mark</th>
<th>Journal Title</th>
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**Cited Journal: ACTA CRYSTALLOGR D**

### Journals 1 – 20 (of 447)

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<td>5.994</td>
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<td></td>
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### Category Name

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**Impact Factors**

![Impact Factors Chart]

**2008**

- 2.943

**2009**

- 2.257

**2010**

- 6.326

**2011**

- 12.619

**2012**

- 14.103

**Source Data**

**Journal Self Cites**
Step 4 – Innovate

Track applied research as it becomes patented
“... for critical decisions, researchers rely on Derwent World Patents Index to mitigate risks because it’s the best source available for patent information ... they know if they’ve searched in DWPI their bases are covered ...”
Using Manually Curated Patents

DWPI Abstract

(WO2005052878A1)

Novelty

A reference density pattern of at least one component from three head rotation components and three head translation components is evaluated during a first time interval. The actual density pattern of the component is evaluated during a second time interval. The difference between the actual and reference density patterns is evaluated. A signal is output if the difference exceeds a predefined value.

Detailed Description

INDEPENDENT CLAIMS are also included for the following:

1. a system for conducting a method; and
2. a computer program.

Use

For vehicles.

Advantage

Detects impairment or inattention of a person, especially a driver of a vehicle, and especially caused by drowsiness, distraction and/or workload, is disclosed by detecting and evaluating head movements of the person and/or head movement reactions of the person upon a disturbance exerted onto the vehicle.

Abstract

A method and system for recognizing and/or detecting impairment and/or inattention of a person, especially a driver of a vehicle, and especially caused by drowsiness, distraction and/or workload, is disclosed by detecting and evaluating head movements of the person and/or head movement reactions of the person upon a disturbance exerted onto the vehicle.

Titles and abstracts are re-written to best reflect the patent content (novelty, use, advantages, etc.) which otherwise can remain hidden in the original document.
JOIN THE GLOBAL RESEARCH COMMUNITY

Step 5 – Manage Research Information
Collect all Azeri research outputs
Add all contributions
CURRENT RESEARCH INFORMATION SYSTEM (CRIS)
JOIN THE GLOBAL RESEARCH COMMUNITY

Step 6 – Evaluate Research
EVALUATORS USE WEB OF SCIENCE DATA

• Turkey: Ulakbim – Tubitak, multiple universities
• Saudi Arabia: KACST, KFUPM, KAUST
• Egypt: ENSTINET
• Germany: Max Planck Society, LMU Munich, TU Dresden, DFG, IFQ …
• United Kingdom: King’s College London, Glasgow, Univ Manchester …
• Ireland: All 8 universities
• France: Ministry of Research, OST - Paris, CNRS, …
• European Union: EC’s DGXII(Research Directorate)
• US: National Science Foundation (since 1974), Harvard, Stanford, …
• Japan: Ministry of Education, Ministry of Economy, Trade & Industry, …
• Australian Academy of Science, CSIRO, Queensland, Sydney, …
• Rankings agencies – Shanghai ARWU, Times Higher Ed, CWTS, …
HOW ACTIVE IS THE RESEARCH COMMUNITY?
 WHAT IMPACT IS YOUR RESEARCH HAVING?

<table>
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<tr>
<th>Country</th>
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<th>Times Cited</th>
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Step 6 – Evaluate Research
ADVANCING AZERBAIJAN’S KNOWLEDGE BASED ECONOMY THROUGH THE GLOBAL RESEARCH COMMUNITY

Philip Purnell

April, 2014