

**ΚΑΘΗΓΗΤΡΙΑ ΜΑΡΙΑ ΒΙΡΒΟΥ**  
**ΠΡΟΕΔΡΟΣ ΤΜΗΜΑΤΟΣ ΠΛΗΡΟΦΟΡΙΚΗΣ**  
**ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΕΙΡΑΙΩΣ**

Η Μαρία Βίρβου είναι Καθηγήτρια και Πρόεδρος του Τμήματος Πληροφορικής Πανεπιστημίου Πειραιώς, Διευθύντρια του Προγράμματος Μεταπτυχιακών Σπουδών στην Πληροφορική, Διευθύντρια του Ερευνητικού εργαστηρίου «Τεχνολογία Λογισμικού». Είναι Editor-in-Chief των σειρών βιβλίων του Springer “Learning and Analytics in Intelligent Systems” και “Artificial Intelligence-Enhanced Software and Systems Engineering”. Ακόμα είναι συν-πρόεδρος και συνιδρύτρια της σειράς διεθνών συνεδρίων IEEE Intelligent Information Systems and Applications. Επιπλέον, έχει διατελέσει Πρόεδρος του Τμήματος Πληροφορικής του Πανεπιστημίου Πειραιώς για τρεις θητείες ακόμα. Είναι μέλος της Συγκλήτου του Πανεπιστημίου Πειραιώς.

Έλαβε Διδακτορικό Δίπλωμα στην Πληροφορική και Τεχνητή Νοημοσύνη από το *University of Sussex* της Μεγάλης Βρετανίας με υποτροφία από το Ίδρυμα Κρατικών Υποτροφιών στην ειδικότητα «*Τεχνητής Νοημοσύνης*». Απέκτησε το *Master of Science σε Computer Science* από το *University College London* του Πανεπιστημίου του Λονδίνου της Μεγάλης Βρετανίας και πρώτο πτυχίο από το Μαθηματικό Τμήμα του *Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών*.

Στον τομέα της επιστημονικής έρευνας, η Καθηγήτρια Μ. Βίρβου έχει συγγράψει περισσότερες από 400 δημοσιεύσεις, σε διεθνή επιστημονικά περιοδικά, συνέδρια, μονογραφίες και βιβλία και έχει πραγματοποιήσει περισσότερες από 40 επιμέλειες πρακτικών συνεδρίων και βιβλίων. Μερικές πρόσφατες διακεκριμένες δραστηριότητές της ήταν Γενική συν- Πρόεδρος στο 14th ISA Conference 2023 και Προσκεκλημένη Κεντρική Ομιλήτρια στο 35th IEEE International Conference on Software Engineering Education and Training (CSEE&T 2023), Tokyo, Japan. Επίσης, έχει λάβει αναγνωρίσεις και βραβεία για τη συνεισφορά της στον τομέα της Πληροφορικής. Τα ερευνητικά ενδιαφέροντά της εστιάζονται στην Τεχνολογία Λογισμικού, την Τεχνητή Νοημοσύνη (TN), το Εκπαιδευτικό Λογισμικό και τα Εκπαιδευτικά Παιχνίδια, το Εξατομικευμένο Διαδραστικό Λογισμικό, την Μοντελοποίηση Χρηστών, την Ανθρωποκεντρική Τεχνητή Νοημοσύνη και την Αλληλεπίδραση Ανθρώπου-Υπολογιστή, στα οποία έχει συνεισφέρει εκτενώς.

Τέλος, κατέχει υψηλές θέσεις σε παγκόσμιες κατατάξεις επιστημονικής επίδοσης, ενισχύοντας έτσι το επιστημονικό της κύρος στον ακαδημαϊκό χώρο. Σε μια πρόσφατη αναζήτηση στο Scopus κατατάσσεται πρώτη παγκοσμίως σε δημοσιεύσεις στην περιοχή “User Modelling” από ένα διεθνές σύνολο 147.450 δημοσιεύσεων. Επιπλέον, κατατάσσεται πρώτη παγκοσμίως στον τομέα του “Εκπαιδευτικού Λογισμικού” σύμφωνα τόσο με το Scopus όσο και με την Microsoft Academic Search, ενώ κατατάσσεται μεταξύ των κορυφαίων επιστημόνων στις περιοχές της Διεπαφής Χρήστη, των Πολυμέσων και της Αλληλεπίδρασης Ανθρώπου-Υπολογιστή.

Η ίδια συγκαταλέγεται μεταξύ των κορυφαίων 2% επιστημόνων Τεχνητής Νοημοσύνης με την μεγαλύτερη επιρροή παγκοσμίως σύμφωνα με την διεθνή κατάταξη του Πανεπιστημίου Stanford.

## **Προσκεκλημένη κεντρική ομιλήτρια**

1. 35th IEEE International Conference on Software Engineering Education and Training (CSEE&T 2023), 8-9 August 2023, Waseda University, Tokyo, Japan.
2. 13<sup>th</sup> IEEE International Conference on Intelligent Information Systems and Applications, IISA 2022, Corfu, Greece.
3. 25<sup>th</sup> International Conference on Knowledge - Based and Intelligent Information and Engineering Systems. KES 2021 Conference, Szczecin, Poland, 8-10 September 2021.
4. 2021 International Conference on Advanced Computing and Intelligent Technologies, March 20-21, 2021, Galgotias University, Delhi India (Springer).
5. 2021 2nd European Symposium on Software Engineering (ESSE 2021), Nov. 6-8, 2021 | Larissa, Greece.
6. IEEE International Conference on Computer, Information and Telecommunication Systems, CITS 2019, Beijing, China, August 28-31, 2019.
7. International Conference On Computing, Power And Communication Technologies 2018 (GUCON) on September 28-29, 2018, Galgotias University, Delhi India, IEEE.
8. ACM ITiCSE 2018, the 23rd Annual Conference on Innovation and Technology in Computer Science Education, Larnaca, Cyprus.
9. 13th China Europe International Symposium on Software Engineering Education, 24-25 May 2017, Athens, Greece.
10. IEEE 27th International Conference on Tools with Artificial Intelligence (ICTAI), 9 - 11 November, 2015, Vietri sul Mare, Italy.
11. 7th International Conference on Intelligent Interactive Multimedia Systems and Services (KES-IIMSS-14) Chania - Crete, Greece 18 - 20 June 2014.
12. IEEE International Conference on Computer, Information and Telecommunication Systems (CITS), May 07 - 08, 2013, Greece.
13. 3IA' 2011, 14th International Conference on Computer Graphics and Artificial Intelligence 2011, Athens (GREECE), 27 - 28 of May, 2011.

## **Συν-ιδρύτρια/ Γενική Προεδρία / Προεδρία Επιτροπής Προγράμματος Διεθνών Συνεδρίων**

- 14th International Conference on Information, Intelligence, Systems and Applications, IISA 2023, University of Thessaly, Volos, Greece, 10-12 July 2023, IEEE Computer Society.
- 13th International Conference on Information, Intelligence, Systems and Applications, IISA 2022, Corfu, Greece, 18-20 July 2022, IEEE Computer Society.
- 12th International Conference on Information, Intelligence, Systems and Applications, IISA 2021, July 12 – 14, 2021, Chania Crete, Greece, IEEE Computer Society 2021.
- 14<sup>th</sup> International Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2020), August 22-24, 2022, Larnaca, Cyprus.
- 11th International Conference on Information, Intelligence, Systems and Applications, IISA 2020, 15 – 17 July, 2020, Piraeus, Greece, IEEE Computer Society 2020.
- 13th International Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2020), August 24-26, 2020, Larnaca, Cyprus.
- 10th IEEE International Conference on Information, Intelligence, Systems and Applications, IISA 2019, July 15-17, 2019, Patras, Greece, IEEE Computer Society 2019.
- 12th Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2018) 27-30 August, Corfu, Greece.
- 9th IEEE International Conference on Information, Intelligence, Systems and Applications, IISA 2018, Zakynthos, Greece, July 23-25, 2018. IEEE Computer Society 2018
- 29th IEEE International Conference on Tools with Artificial Intelligence, ICTAI 2017, Boston, MA, USA, November 6-8, 2017. IEEE Computer Society 2017
- 8th IEEE International Conference on Information, Intelligence, Systems & Applications, IISA 2017, Larnaca, Cyprus, August 27-30, 2017. IEEE 2017
- 7th IEEE International Conference on Information, Intelligence, Systems & Applications, IISA 2016, Chalkidiki, Greece, July 13-15, 2016. IEEE 2016
- 6th IEEE International Conference on Information, Intelligence, Systems and Applications, IISA 2015, Corfu, Greece, July 6-8, 2015. IEEE 2015
- 5th IEEE International Conference on Information, Intelligence, Systems and Applications, IISA 2014, Chania, Crete, Greece, July 7-9, 2014. IEEE 2014
- 4th IEEE International Conference on Information, Intelligence, Systems and Applications, IISA 2013, Piraeus, Greece, July 10-12, 2013. IEEE 2013
- 10th IEEE International Conference on Signal Processing and Multimedia Applications and 10th International Conference on Wireless Information Networks and Systems, Reykjavík, Iceland, 29-31 July, 2013.

- 8<sup>th</sup> International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IHH-MSP 2012, Piraeus-Athens, Greece, July 18-20, 2012. IEEE 2012
- 10<sup>th</sup> Conference on Knowledge-Based Software Engineering, JCKBSE 2012, Rodos, Greece, August 23-26, 2012.
- International Conference on Signal Processing and Multimedia Applications and International Conference on Wireless Information Networks and Systems, Rome, Italy, 24-27 July, 2012, SIGMAP is part of ICETE - The International Joint Conference on e-Business and Telecommunications.
- 5<sup>th</sup> International Conference on Software and Data Technologies, Athens, Greece, July 22-24, 2010.
- International Conference on Signal Processing and Multimedia Applications, Athens, Greece, July 26-28, 2010, SIGMAP is part of ICETE - The International Joint Conference on e-Business and Telecommunications.
- 8<sup>th</sup> Joint Conference on Knowledge-Based Software Engineering, JCKBSE 2008, August 25-28, 2008, University of Piraeus, Piraeus, Greece.

### **Best Paper Awards**

- 2020: K. Chrysafiadi, S. Papadimitriou and M. Virvou, "Fuzzy states for dynamic adaptation of the plot of an educational game in relation to the learner's progress," 2020 11th International Conference on Information, Intelligence, Systems and Applications (IISA, Piraeus, 2020, pp. 1-7, doi: 10.1109/IISA50023.2020.9284380).
- 2015: M. Virvou, K. Kabassi, E. Alepis, A. Kameas, C. Pierrakeas, A. Theodosiou "Empirical study towards the creation of educational user profiles for the students of an open university" IEEE International Conference on Information, Intelligence, Systems and Applications IISA 2015: 1-5, IEEE Press 2015.
- 2014: A. Psarologou, N. G. Bourbakis, M. Virvou "A mapping mechanism of NL sentences onto an SPN state machine for understanding purposes" IEEE IISA 2014: 321-324.
- 2009: I.-O. Stathopoulou, E. Alepis, G.A. Tsihrantzis and M. Virvou «On Assisting a VisualFacial Affect Recognition System with Keyboard-Stroke Pattern Information»: The Twenty-ninth SGAI International Conference Cambridge, UK, 15th-17th December 2009, BCS SGAI The Specialist Group on Artificial Intelligence.
- 2009: Alepis, E., Virvou, M. & Kabassi, K. (2009) "Knowledge Engineering Aspects of Affective Bi-Modal Educational Applications" In Communications in Computer and Information Science, E-business and Telecommunications, Volume 23
- 2007: Kabassi, K., Virvou, M. & Alepis, E. "Testing the Effectiveness of MBIUI Life-Cycle Framework for the Development of Affective Interfaces» In Communications in Computer and Information Science, Software and Data Technologies, Volume 22, βραβεύθηκε στα Best Papers of ICISOFT 2007.

# SCOPUS

Scopus - Document search results

Welcome to a more intuitive and efficient search experience. See what is new

Advanced query

Search within: Article title, Abstract, Keywords

Search documents: \* user AND modeling

Save search | Set search alert | Add search field | Reset | Search

Documents **Beta** | Preprints | Patents | Secondary documents | Research data

145,183 documents found [Analyze results](#)

Refine search: Search within results

Filters: Year, Author name

Document title	Authors	Source	Year	Citations
1 <b>HiOmics: A cloud-based one-stop platform for the comprehensive analysis of large-scale omics data</b>	Li, W., Zhang, Z., Xie, B., ... Que, T., Hu, Y.	Computational and Structural Biotechnology Journal, 23, pp. 659-668	2024	0
2 <b>Motion Planning for Autonomous Driving with Real Traffic Data Validation</b>	Chu, W., Yang, K., Li, S., Tang, X.	Chinese Journal of Mechanical Engineering	2024	0

Scopus - Document search results

Welcome to a more intuitive and efficient search experience. See what is new

Advanced query

Search within: Article title, Abstract, Keywords

Search documents: \* educational AND software

Save search | Set search alert | Add search field | Reset | Search

Documents **Beta** | Preprints | Patents | Secondary documents | Research data

34,902 documents found [Analyze results](#)

Refine search: Search within results

Filters: Year, Author name

Document title	Authors	Source	Year	Citations
1 <b>Design, implementation and evaluation of e-learning program for common diseases to smartphone-based medical students: at a developing university</b>	niromand, E., Mansoori, M.S., Ramezani, G., Khazaei, M.R.	BMC Medical Education, 24(1), 52	2024	0
2 <b>Effects of educational interventions based on the theory of planned behavior on oral cancer-related knowledge and tobacco</b>	Ghasemian, A., Sargeran, K., Khami, M.R., Shamshiri, A.R.	BMC Cancer, 24(1), 45	2024	0

## Παγκόσμια Κατάταξη της Καθηγήτριας Μαρίας Βίρβου

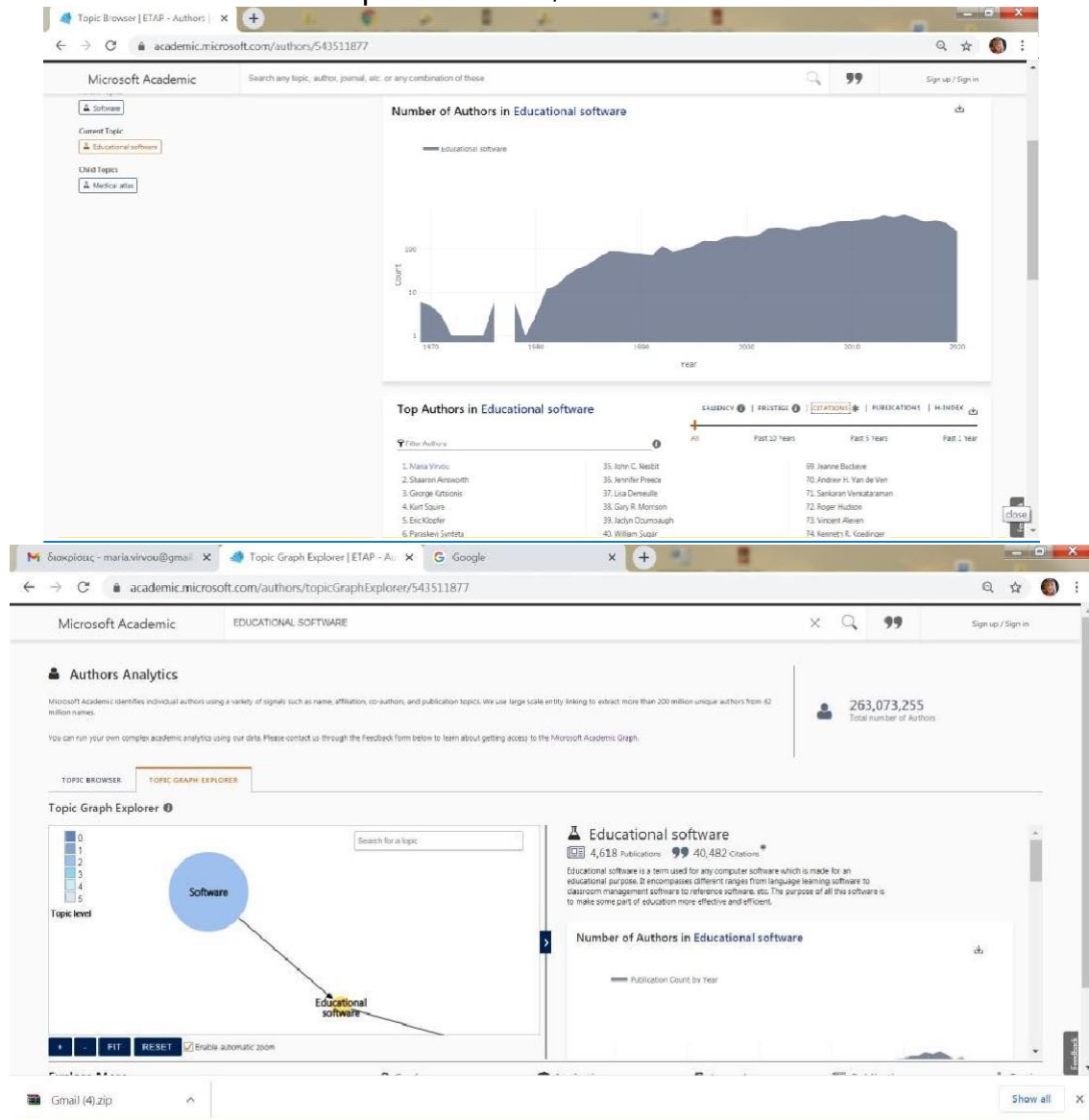
σύμφωνα με *Microsoft Academic Search*

που αναλύει 262.751.231 Συγγραφείς και 248.455.650 Δημοσιεύσεις

<https://academic.microsoft.com/>

Η Καθηγήτρια Μαρία Βίρβου  
κατατάσσεται 1<sup>η</sup> στην παγκόσμια κατάταξη:  
**ΕΚΠΑΙΔΕΥΤΙΚΟ ΛΟΓΙΣΜΙΚΟ**

Microsoft Academic Analytics: EDUCATIONAL SOFTWARE  
4.627 publications, 40.331 citations



## ΕΚΠΑΙΔΕΥΤΙΚΑ ΠΑΙΧΝΙΔΙΑ ΕΙΚΟΝΙΚΗΣ ΠΡΑΓΜΑΤΙΚΟΤΗΤΑΣ

### (VIRTUAL REALITY EDUCATIONAL GAME)

The screenshot shows a search results page on Microsoft Academic for the query "virtual reality educational game". The page is displayed in a browser window with the URL "academic.microsoft.com/search?q=virtual%20reality%20educational%20game&f=&orderBy=0&skip=0&take=10". The left sidebar contains filters for "Top Authors" (listing names like Maria Vinou, Constantinos Mavrou, George Katsichis, Liam Drury, Irene Cikalo, Nika Gadjar, Jansen Nvaki, Maja Genic, David Posters, Talib Nabeel) and "Top Journals" (listing journals like Educational Technology & Society, PLOS ONE, Surgical Endoscopy and Other Intervent...). The main content area shows search results for "Virtual Reality" and "Educational game". The first result is "Iterative user and expert feedback in the design of an educational virtual reality biology game" (2019), with 1 citation. The second result is "Virtual reality : A game-changing method for the language sciences" (2019), with 11 citations. The third result is "Getting your game on: Using virtual reality to improve real table tennis skills" (2019), with 3 citations. The right sidebar shows "RELATED TOPICS" including "Mathematics education", "Evolution", "Multimedia", "Computer science", and "Mathematics education".

## ΚΙΝΗΤΑ ΣΥΓΓΡΑΦΙΚΑ ΕΡΓΑΛΕΙΑ

### (MOBILE AUTHORIZING TOOLS)

The screenshot shows a search results page on Microsoft Academic for the query "Mobile Authoring Tools". The page is displayed in a browser window with the URL "academic.microsoft.com/search?q=Mobile%20Authoring%20Tools&f=&orderBy=0&skip=0&take=10". The left sidebar contains filters for "Mobile phone", "Mobile technology", "Educational technology", "Sustainability", "Race", "Modern life", "Computer software", "Publication Types" (listing types like Conference publications, Journal publications, Other, Repository papers, Book chapters, Patents, Books), and "Top Authors" (listing names like Maria Vinou, Euthimos Alepis, Jennifer Manickoff, Sunyoung Kim, Eric Paulos, Tero Jokela, Gary Marsden, Raymond Muzumana). The main content area shows search results for "Authoring tools for mobile multimedia content" (2018), with 25 citations. The second result is "Public heritage at scale: Building tools for authoring mobile digital heritage and archaeology experiences" (2018), with 3 citations. The third result is "Sense: evaluating a flexible framework for authoring mobile data-collection tools for citizen science" (2013), with 144 citations. The right sidebar shows "RELATED TOPICS" including "Mobile search", "Mobile Web", "Cultural heritage management", "Industrial heritage", "Social computing", and "Citizen science".



## ΣΥΝΑΙΣΘΗΜΑΤΙΚΗ ΥΠΟΛΟΓΙΣΤΙΚΗ ΔΥΟ ΜΕΣΩΝ (BI MODAL AFFECTIVE COMPUTING)

The screenshot shows a search results page on Microsoft Academic for the query "BI MODAL AFFECTIVE COMPUTING". The page features a left sidebar with navigation options like "Multimedia", "Computer science", and "Publication Types". The main content area displays two search results for the paper "Mobile Education: Towards Affective Bi-modal Interaction for Adaptivity" by Ethymios Alepis, Maria Vriou, and Katerina Kabassi. The first result is from the 2009 International Journal of Interactive Mobile Technologies (IJIM) and has 8 citations. The second result is from the 2008 International Conference on Digital Information Management and has 7 citations. A right sidebar provides related topics such as "Affective computing", "Affect (psychology)", and "Artificial intelligence".

## ΕΥΦΥΗΣ ΒΟΗΘΕΙΑ (INTELLIGENT HELP)

The screenshot shows the "Topic Graph Explorer" interface for the topic "INTELLIGENT HELP". The page displays "Authors Analytics" with a total of 263,073,255 authors. The "Topic Graph Explorer" section shows a network graph with nodes for "Intelligent help", "Affective computing", and "Transfer of learning". A "Top Authors in Intelligent help" table is also visible, listing authors and their publication counts.

Filter Authors	Publications	
1. Maria Vriou	18. David Lloyd Gardner	35. Ethymios Alepis
2. Katerina Kabassi	19. Colin Tattersall	36. Wolfgang Wahstler
3. Dietmar Diergler	20. Susanne Bundo	37. Amedeo Cesta
4. John M. Prager	21. Jan Eric Larsson	38. Susan T. Dumais
5. Mathias Bauer	22. Per Persson	39. C.M. Daurisma
6. John M. Carroll	23. Ashwin Ramachandran	40. Carl Phillip Gutler
7. Amy Aaronson	24. Susanne Bundo	41. Jussi Karlgren
8. Radboud Winkels	25. Jana Koehler	42. Irina Zhelazkova



# ΔΙΓΙΣΜΙΚΟ ΕΚΠΑΙΔΕΥΤΙΚΩΝ ΠΑΙΧΝΙΔΙΩΝ (EDUCATIONAL GAME SOFTWARE)

The screenshot shows a search results page on Microsoft Academic for the query "educational game software". The page is divided into several sections:

- Top Topics:** A list of related topics such as Educational game, Software, Computer science, Multimedia, Educational software, Virtual reality, and Appeal.
- Publication Types:** A list of publication types including Journal publications, Conference publications, Other, Patents, and Book chapters.
- Top Authors:** A list of authors including Maria Vinvou, Konstantinos Manos, George Katsionis, Christiane Gressa von Wangenheim, Marcello Thyri, and Djone Kochanski.
- Search Results:** Three main results are displayed:
  - Combining Software Games with Education: Evaluation of its Educational Effectiveness** (2005). Authors: Maria Vinvou, George Katsionis, Konstantinos Manos. 650 citations.
  - Empirical evaluation of an educational game on software measurement** (2009). Authors: Christiane Gressa Von Wangenheim, Marcello Thyri. 75 citations.
  - Competitive computer educational game** (1988). Author: Beh W. Hartsfield. 68 citations.
- Related Topics:** A sidebar on the right showing related topics like Mathematics education, Simulation, Multimedia, Computer science, and Mathematics education.

# ΠΡΟΣΑΡΜΟΣΤΙΚΗ ΔΙΔΑΣΚΑΛΙΑ (ADAPTIVE TUTORING)

The screenshot shows a search results page on Microsoft Academic for the query "adaptive tutoring". The page is divided into several sections:

- Publication Types:** A list of publication types including Journal publications, Conference publications, Other, Repository papers, Book chapters, Patents, and Patents.
- Top Authors:** A list of authors including Maria Vinvou, Konstantina Chrysofadi, Ivon Arroyo, Peter Brusilovsky, Minghui Tai, Beverly Park Woolf, Marcus Specht, Gerhard Weber, Robert A. Sottifare, and Stefan Kopp.
- Search Results:** Three main results are displayed:
  - Adaptive tutoring** (Psychology). 5 citations.
  - Prob2Vec: Mathematical Semantic Embedding for Problem Retrieval in Adaptive Tutoring** (2020). Authors: Du Su, Ali Yekkehkhany, Yi Lu, Wenmiao Lu. 0 citations.
  - Prob2Vec: Mathematical Semantic Embedding for Problem Retrieval in Adaptive Tutoring** (2020). Authors: Du Su, Ali Yekkehkhany, Yi Lu, Wenmiao Lu. 0 citations.
  - Learning benefits of structural example-based adaptive tutoring systems** (2003). Authors: A. Davidovic, J. Warren, E. Trichina. 95 citations.
- Top Journals:** A list of journals including Expert Systems With Applications and International Journal of Artificial Intelligence.

## RUP LIFE CYCLE SOFTWARE

The screenshot shows a search results page on Microsoft Academic for the query 'RUP LIFE CYCLE SOFTWARE'. The page includes a left sidebar with filters for 'Publication Types' (Journal publications, Conference publications, etc.) and 'Top Authors' (Marta Virvou, Victoria Tsingis, etc.). The main content area displays several search results, including 'Rational Unified Process' and 'Involving Effectively Teachers and Students in the Life Cycle of an Intelligent Tutoring System'. A right sidebar provides a 'Software' overview and related topics like 'Operating system' and 'Programming language'.

## PLAUSIBLE REASONING

The screenshot displays the 'Topic Graph Explorer' for 'PLAUSIBLE REASONING'. It features a network graph with nodes for 'Algorithms', 'Artificial Intelligence', and 'Machine Learning'. A 'Top Authors in Plausible Reasoning' list is shown on the right, including names like Maria Virvou, Katerina Kabassi, and Henri Prade. The interface includes a search bar, filters, and navigation options like 'Explore More' and 'Show all'.

Rank	Author Name	Rank	Author Name	Rank	Author Name
1	Maria Virvou	18	Liekehrh Boehm-Ullrich	35	Mig-Sint: Ibernier
2	Katerina Kabassi	19	Babak Nodjar Araabi	36	Rob Grütter
3	Henri Prade	20	Jonathan M. Borwein	37	Kristel Michelsen
4	Alan Collins	21	Philip C.-Y. Sheu	38	Nicoia Fanizzi
5	Douglas Walton	22	Piero F. Borissone	39	Claudia d'Amato
6	Ryszard S. Michalski	23	Samira Sadouki	40	Jérôme Lang
7	George Folya	24	Bartłomiej Śnieżyński	41	Abraham Bernstein
8	Farhad Cromchiyan	25	Kazuyi Nakamatsu	42	Simon Passaris
9	Steven Schockaert	26	Tetsu Nisumura	43	Sergii G. Kuznetsov

Η ΚΑΘΗΓΗΤΡΙΑ ΜΑΡΙΑ ΒΙΡΒΟΥ ΣΥΓΚΑΤΑΛΕΓΕΤΑΙ  
ΣΤΟΥΣ ΚΟΡΥΦΑΙΟΥΣ 40 ΕΡΕΥΝΗΤΕΣ ΣΤΗΝ ΠΑΓΚΟΣΜΙΑ ΚΑΤΑΤΑΞΗ  
ΓΙΑ ΟΛΟΚΛΗΡΗ ΤΗΝ ΠΕΡΙΟΧΗ ΤΗΣ ΠΛΗΡΟΦΟΡΙΚΗΣ:

**ΠΟΛΥΜΕΣΑ (MULTIMEDIA)**

Microsoft Academic Analytics: MULTIMEDIA  
979.432 publications, 8.626.011 citations, 1.600.000 authors  
**#39** on Top Authors @ Publications' List over all years

The screenshot shows the Microsoft Academic Topic Graph Explorer interface. The main feature is a topic graph with 'Multimedia' at the center, having 1,130 publications. It is connected to various sub-topics such as 'Personalization', 'Empowerment', 'Usability', 'Augmented Reality', 'Animation', 'Structural Design', 'Interactivity', 'Learning Environment', 'User Interface', 'Educational Technology', 'User Experience', 'Virtual Reality', 'Web Application', 'Computer-Aided Integration', 'Distance Education', 'E-learning', and 'New Media'. A search bar is present at the top of the graph. To the right, a 'Top Authors in Multimedia' list is displayed, showing 45 authors with their publication counts. The interface includes navigation options like 'Explore More', 'Conferences', 'Institutions', 'Journals', and 'Publications'.

The screenshot shows the Microsoft Academic page for the 'Multimedia' topic. It displays the following statistics: 979,432 Publications and 8,626,011 Citations. Under the 'Topics' section, it lists parent topics (Computer science) and child topics (User interface, Educational technology, Usability). Below this, there is a 'Publications & Citations Over Time' chart, which is a dual-axis line and bar chart showing the growth of publications and citations from approximately 2000 to 2020. The chart shows a significant upward trend in both metrics, peaking around 2018-2019.

Η ΚΑΘΗΓΗΤΡΙΑ ΜΑΡΙΑ ΒΙΡΒΟΥ ΣΥΓΚΑΤΑΛΕΓΕΤΑΙ  
ΣΤΟΥΣ ΚΟΡΥΦΑΙΟΥΣ 50 ΕΡΕΥΝΗΤΕΣ ΣΤΗΝ ΠΑΓΚΟΣΜΙΑ ΚΑΤΑΤΑΞΗ  
ΓΙΑ ΟΛΟΚΛΗΡΗ ΤΗΝ ΠΕΡΙΟΧΗ ΤΗΣ ΠΛΗΡΟΦΟΡΙΚΗΣ:

**USER INTERFACE**

Microsoft Academic Analytics: USER INTERFACE

176.156 publications, 3.462.738 citations

#46 on Top Authors @ "Publications' List over all years

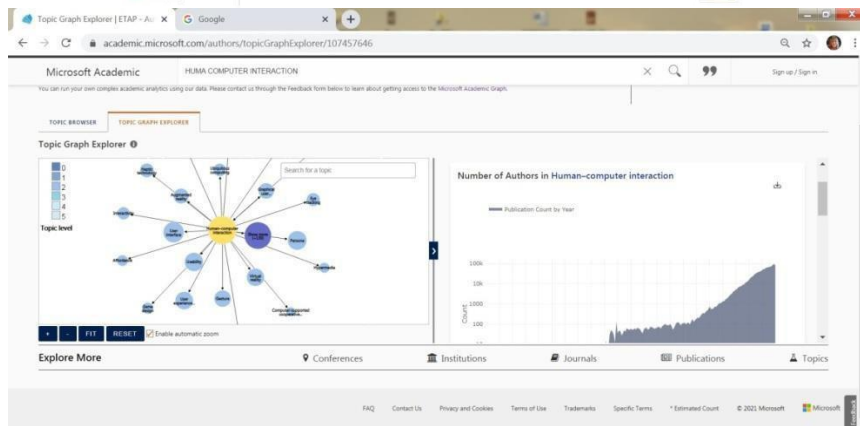
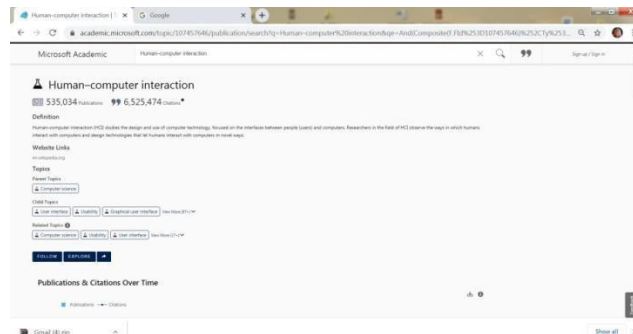
The screenshot shows the Microsoft Academic page for the topic "User interface". The page displays 175,809 publications and 3,466,536 citations. It includes a definition of user interface, website links, parent topics (World Wide Web, Multimedia, Human-computer interaction), child topics (User interface design, User modeling, Heuristic evaluation), and related topics (Microsoft Windows, Graphical user interface, Operating system). There are buttons for "FOLLOW" and "EXPLORE".

The screenshot shows the Microsoft Academic Topic Graph Explorer for the "USER INTERFACE" topic. The graph displays a central node "User interface" connected to various related topics such as "Computer science", "Multimedia", "Human-computer interaction", "User interface design", "User modeling", "Heuristic evaluation", "Interaction technique", "Natural language", "World Wide Web", "Clickable", "User assistance", and "Paper prototyping". A list of 48 authors is provided on the right, including Jean Vanderdonck, Ben Shneiderman, Fabio Paternò, Imran Chaudhri, Brad A. Myers, Constantine Stephanidis, Stephen O. Lemay, Philippe Palanque, Steven Feiner, Mark Billinghurst, Kris Luyten, Albrecht Schmidt, Harald Reiterer, Takeo Igarashi, Harold Thimbleby, Karim Coninx, Lawrence Y. Yang, Sarjiv Sirpal, Chanaka G. Karunamuni, Bruce H. Thomas, Carmen Santoro, James A. Landay, Marcel van Os, Mark J. Nixon, Gary Ian Butcher, Joelle Coutaz, Christopher Wilson, Frank Steinicke, Robert J. K. Jacob, Peter Forbrig, Joseph J. LaViola, Elisabeth André, Jeffrey Traer Bernstein, Patrick L. Coffman, Jonathan L. Dascola, Wontack Woo, Tobias Hollerer, Doug A. Bowman, Antonio Krüger, Maria Virvou, Hermann Kaindl, and Victor M. R. Perichet. The interface includes filters for authors, a search bar, and navigation options like "Explore More", "Conferences", "Institutions", "Journals", "Publications", and "Topics".

Η ΚΑΘΗΓΗΤΡΙΑ ΜΑΡΙΑ ΒΙΡΒΟΥ ΣΥΓΚΑΤΑΛΕΓΕΤΑΙ  
ΣΤΟΥΣ ΚΟΡΥΦΑΙΟΥΣ 65 ΕΡΕΥΝΗΤΕΣ ΣΤΗΝ ΠΑΓΚΟΣΜΙΑ ΚΑΤΑΤΑΞΗ  
ΓΙΑ ΟΛΟΚΛΗΡΗ ΤΗΝ ΠΕΡΙΟΧΗ ΤΗΣ ΠΛΗΡΟΦΟΡΙΚΗΣ:

ΑΛΛΗΛΕΠΙΔΡΑΣΗ ΑΝΘΡΩΠΟΥ-ΥΠΟΛΟΓΙΣΤΗ  
(HUMAN COMPUTER INTERACTION)

Microsoft Academic Analytics: HUMAN COMPUTER INTERACTION  
538.396 publications, 6.497.244 citations  
#63 on Top Authors @ "Publications' List over all years



The screenshot shows the Microsoft Academic Top Authors list for "HUMAN COMPUTER INTERACTION". The list contains 99 authors, ranked by their number of publications. The authors are listed in three columns.

3. Hiroshi Ishiguro	37. Carl Gutwin	71. Neville A. Stanton
4. Albrecht Schmidt	38. Toyooki Nishida	72. Cynthia Breazeal
5. Manfred Tscheligi	39. Yvonne Rogers	73. Laurence Nigay
6. Fabio Paterni	40. James A. Landry	74. Ken Hinckley
7. Constantine Stephanidis	41. Enrico Rizzo	75. Peter Stone
8. Daniel Thalman	42. Gregory D. Abowd	76. César A. Collazos
9. Stephen Brewster	43. Adrian David Cheek	77. Scott E. Hudson
10. Elizabeth Andrei	44. Nonhelo Fagtas	78. Panos Markopoulos
11. Jacob Nielsen	45. Patrick Olivier	79. Alan Bundy
12. Brad A. Myers	46. Patrick Mann	80. John T. Stasko
13. Saul Greenberg	47. Michihiko Hirose	81. Paolo Dario
14. Kerstin Dauterhahn	48. Mal Slater	82. David Beynon
15. Ben Shneiderman	49. Eric Horvitz	83. Simone Druz Junguera Barbosa
16. Maya J. Mataric	50. Nadia Magnenat Thalmann	84. Mark A. Minkoff
17. Steve Benford	51. Takao Inagaki	85. Florian "Floyd" Mueller
18. Alan Finkel	52. Heinrich H. Büthoff	86. Florian Alt
19. Alan Dix	53. Shud Shariq	87. Raimund Dachselt
20. Philippe Palanque	54. Naoyuki Kubota	88. David Traum
21. Michael Beetz	55. Peter Brachmann	89. Barbara Szepietowski
22. Antonio Krüger	56. Anand K. Dey	90. Tatsuo Nakajima
23. Harald Reiser	57. Jan Borchers	91. Atsuo Takahashi
24. Hiroshi Ishii	58. Catherine Felchard	92. Michael Mateas
25. Takayuki Kanda	59. Thomas Hermann	93. Harold Thimbleby
26. Elena Dillenbourg	60. Mary Cantor	94. Masayuki Saita
27. Doug A. Bowman	61. Mary Czerwinski	95. Michiko Inai
28. Steven Feiner	62. Judy Kay	96. Joseph J. Laviole
29. Alan Mislove	63. Maria Viniciu	97. Andrew Butz
30. Bruce N. Thomas	64. Giuseppe Riva	98. Kazuo Hirotsuki
31. Monica Rodriguez	65. John M. Carroll	99. Wolfgang Minker