PROFESSOR- DR. MARIA VIRVOU
HEAD OF THE DEPARTMENT OF
INFORMATICS
UNIVERSITY OF PIRAEUS

Maria Virvou is a Professor and Chair of the Department of Computer Science at the University of Piraeus, Director of the Postgraduate Program in Computer Science, Director of the Research Laboratory "Software Technology". She is the Editor-in-Chief of the Springer book series "Learning and Analytics in Intelligent Systems" and "Artificial Intelligence-Enhanced Software and Systems Engineering".

She received a Ph.D. in Computer Science and Artificial Intelligence from the *University of Sussex in the United Kingdom*, funded by the State Scholarships Foundation specializing in "*Artificial Intelligence*". She obtained a Master of Science in Computer Science from *University College London*, University of London, United Kingdom, and her undergraduate degree from the *Department of Mathematics at the National and Kapodistrian University of Athens.*

Additionally, she has served as the Head of the Department of Computer Science at the University of Piraeus for two terms, as well as Director and Founding Member of the Postgraduate Program in Computer Science. She has been a member of the Senate of the University of Piraeus multiple times.

In the field of scientific research, Professor M. Virvou has contributed with over 400 publications, including books, monographs, chairing or invited talks, participation in international conferences, and editing conference proceedings and books. Some recent notable activities include serving as the General Co-Chair of the 14th IEEE Intelligent Information Systems and Applications 2023 and as a Keynote Speaker at the 35th IEEE International Conference on Software Engineering Education and Training (CSEE&T 2023) in Tokyo, Japan. She has also received recognition and awards for her contributions to the field of Computer Science.

Furthermore, she holds high positions in global rankings of scientific performance, thus enhancing her scientific prestige in the academic community. In a recent search on Scopus, she ranks first worldwide in publications in the area of "User Modeling" out of an international total of 147,450 publications and first worldwide in the area of "Educational Software".

She is also ranked among the top 2% of Artificial Intelligence researchers with the greatest worldwide impact according to the international ranking of Stanford University.

Invited Keynote Speaker

1. 35th IEEE International Conference on Software Engineering Education and Training (CSEE&T 2023), 8-9 August 2023, Waseda University, Tokyo, Japan.

2. 13th IEEE International Conference on Intelligent Information Systems and Applications, IISA 2022, Corfu, Greece.

3. 25th 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.

Co-Founder/ General Chair / Program Chair of International Conferences

- 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.

- 14th 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.

- 8th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2012, Piraeus-Athens, Greece, July 18-20, 2012. IEEE 2012

- 10th 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.

- 5th 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.

- 8th 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: Ι.-O. Stathopoulou, E. Alepis, G.A. Tsihrintzis 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 ICSOFT 2007.

SCOPUS

Worldwide Ranking of Professor Maria Virvou
according to Microsoft Academic Search
analysing 262,751,231 Authors and 248,455,650 Publications

Professor Maria Virvou ranks
1st globally in terms of citations and 2nd in terms of publications in the field:

EDUCATIONAL SOFTWARE

EDUCATIONAL SOFTWARE 4.627 publications, 40.331 citations
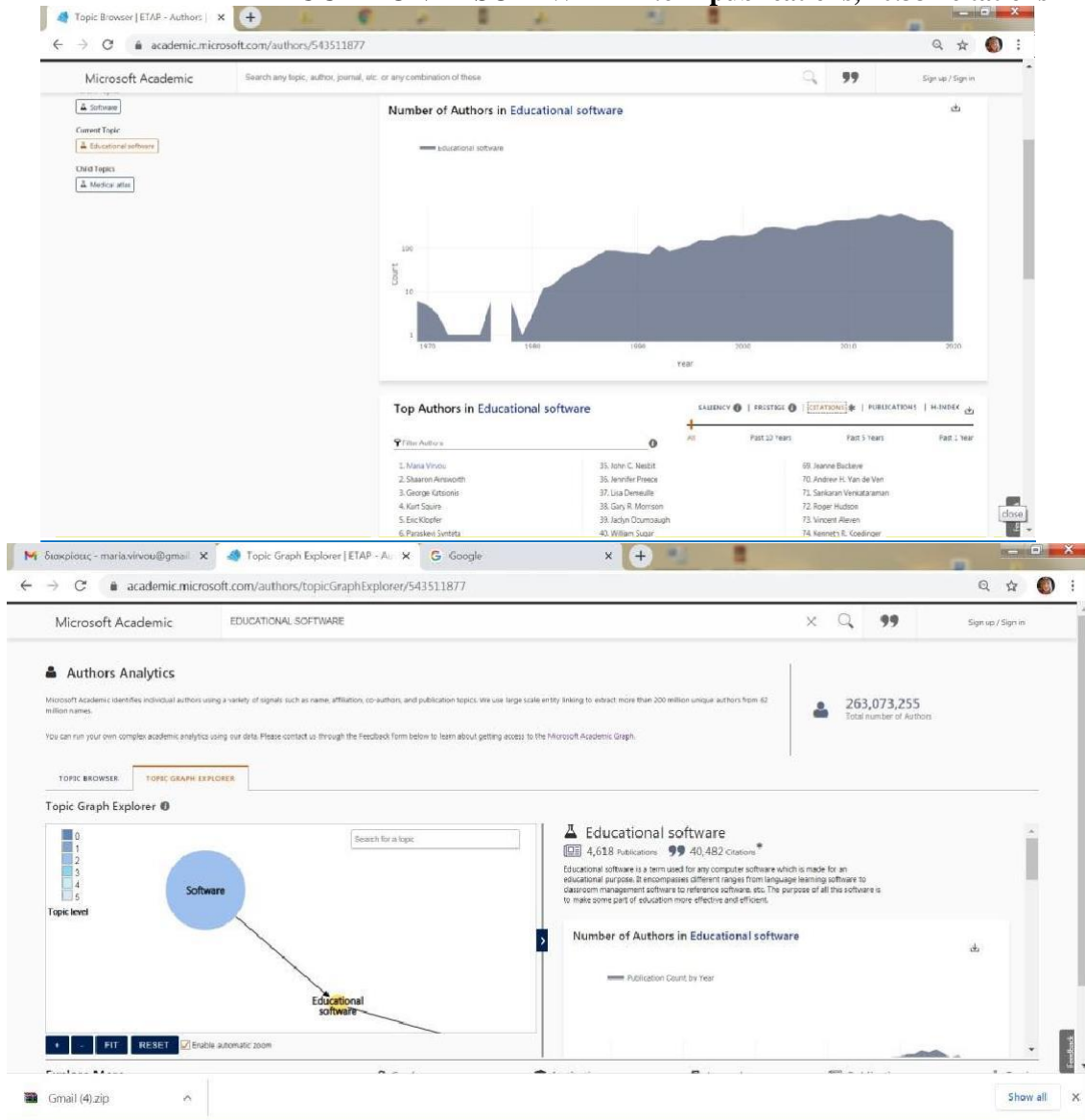
Ranked 1st:

VIRTUAL REALITY EDUCATIONAL GAME
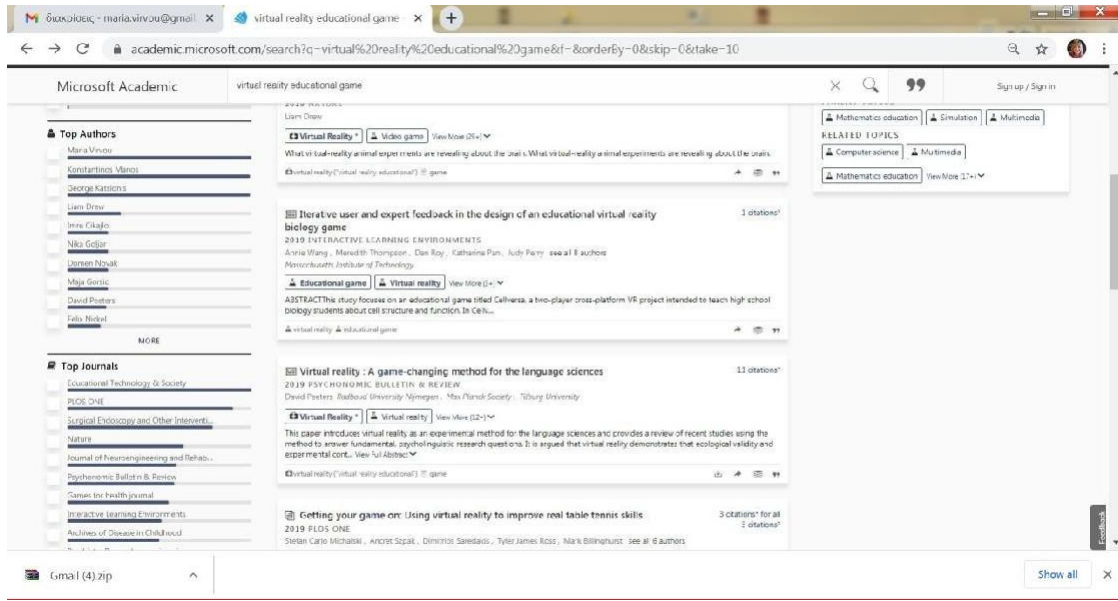
Ranked 1st:

MOBILE AUTHORING TOOLS
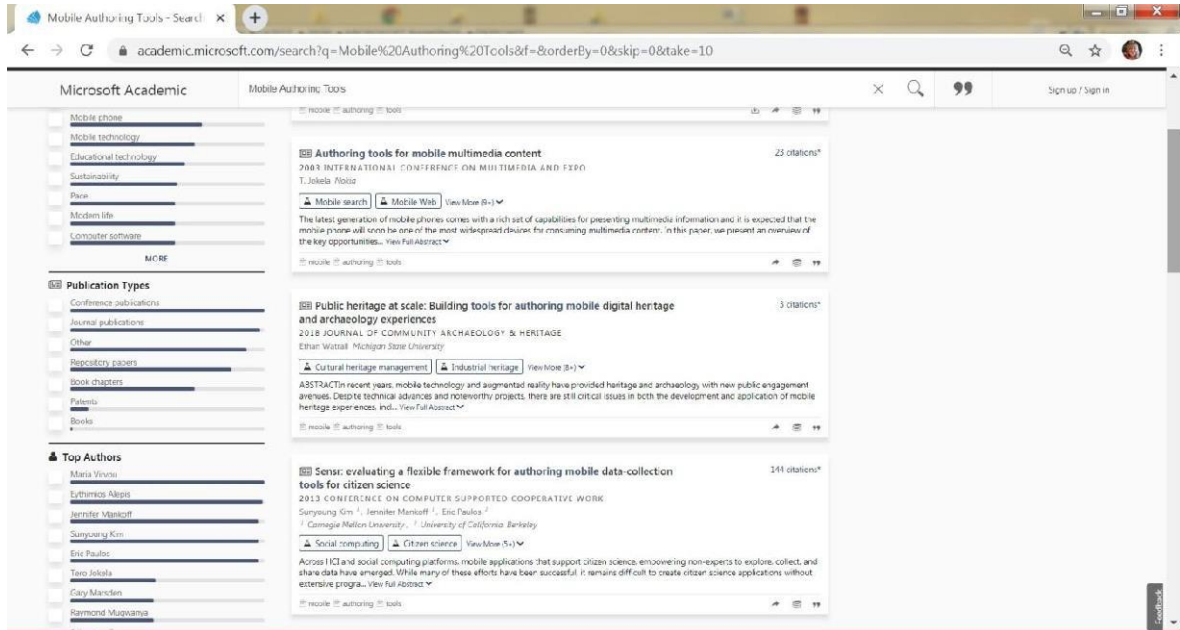
Ranked 1st:
BI MODAL AFFECTIVE COMPUTING

Ranked 1st:

INTELLIGENT HELP

Ranked 1st:
EDUCATIONAL GAME SOFTWARE

Ranked 1st:

ADAPTIVE TUTORING

Ranked 1st:
RUP LIFE CYCLE SOFTWARE

Ranked 1st:

PLAUSIBLE REASONING

Ranked 2nd :
SOFTWARE PERSONALISATION
STUDENT MODELING

Ranked 2nd :
INTELLIGENT HELP SYSTEM FOR
UNIX USERS

Ranked 2nd :
KNOWLEDGE ENGINEERING
AFFECTIVE SYSTEMS
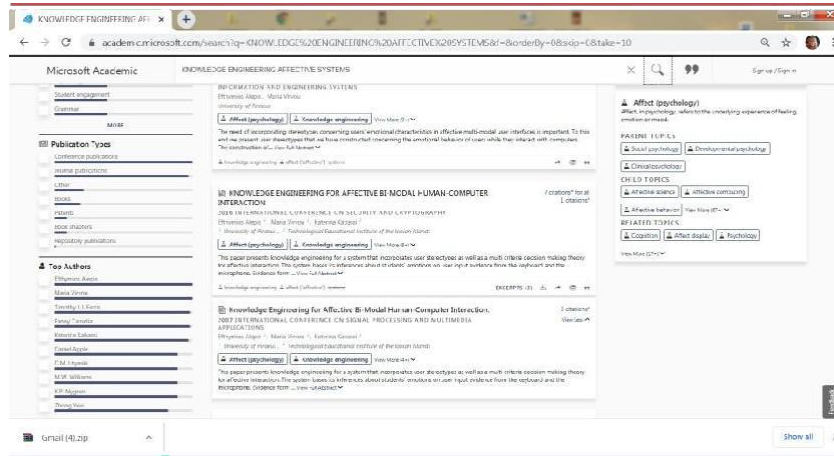
Ranked 3rd :

VISUAL AND AUDIO EMOTION RECOGNITION
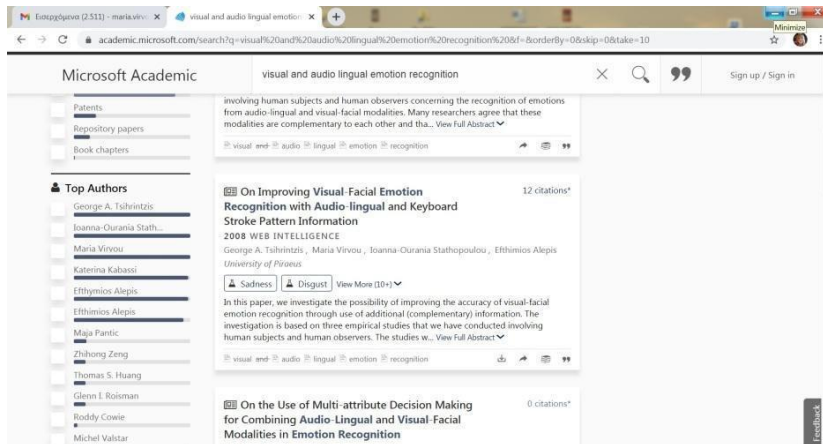
Ranked 4th :
UML INTELLIGENT COLLABORATIVE LEARNING
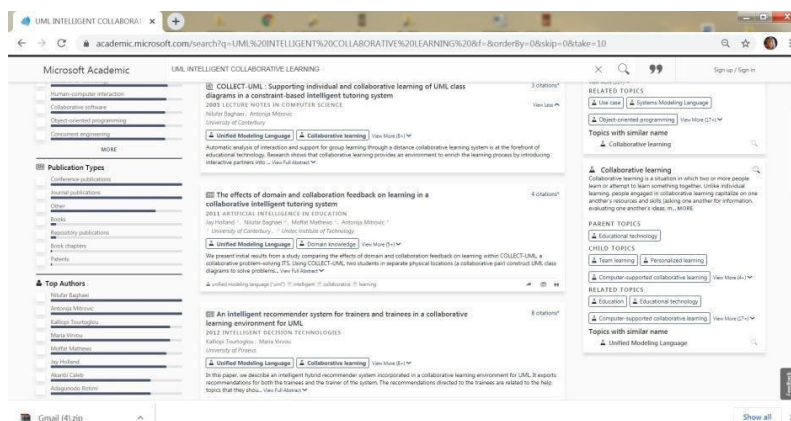
USER MODELING

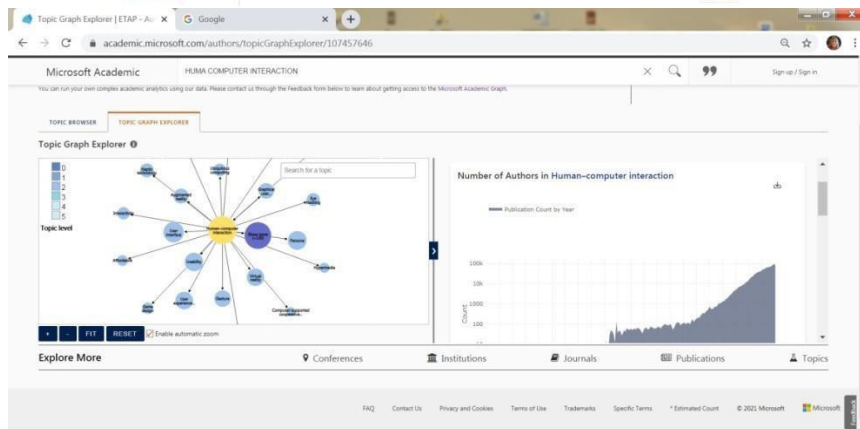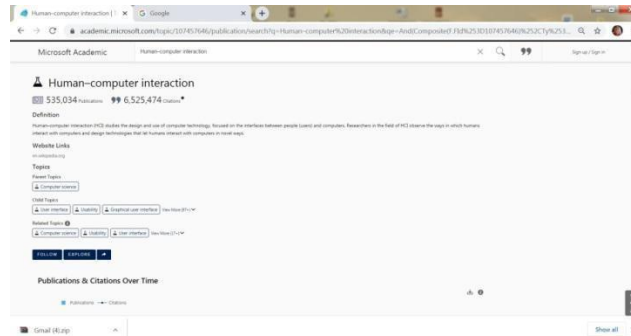Microsoft Academic Analytics: USER MODELING
12.996 publications, 361.740 citations
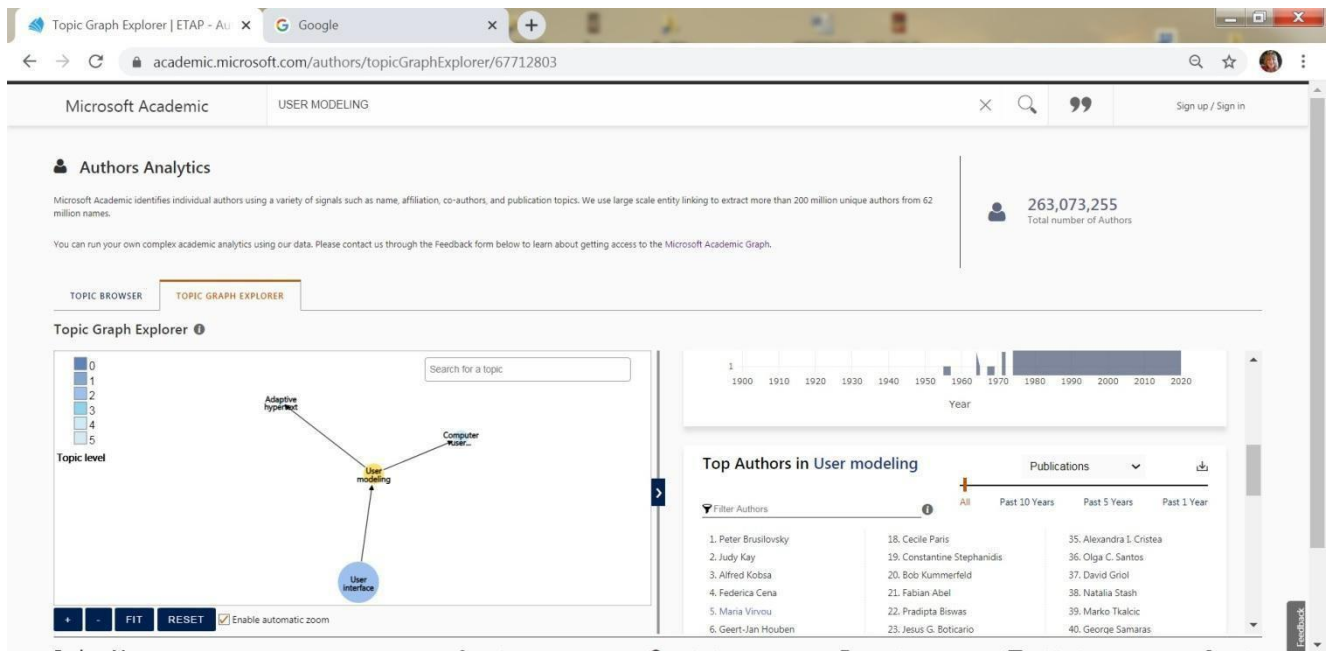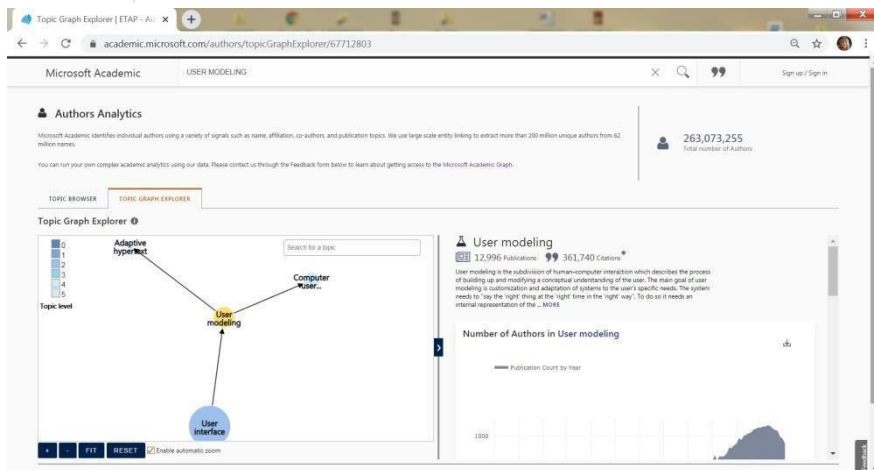
PROFESSOR MARIA VIRVOU IS INCLUDED AMONG THE TOP 40 RESEARCHERS IN THE WORLDWIDE RANKING FOR THE ENTIRE FIELD OF COMPUTER SCIENCE:

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
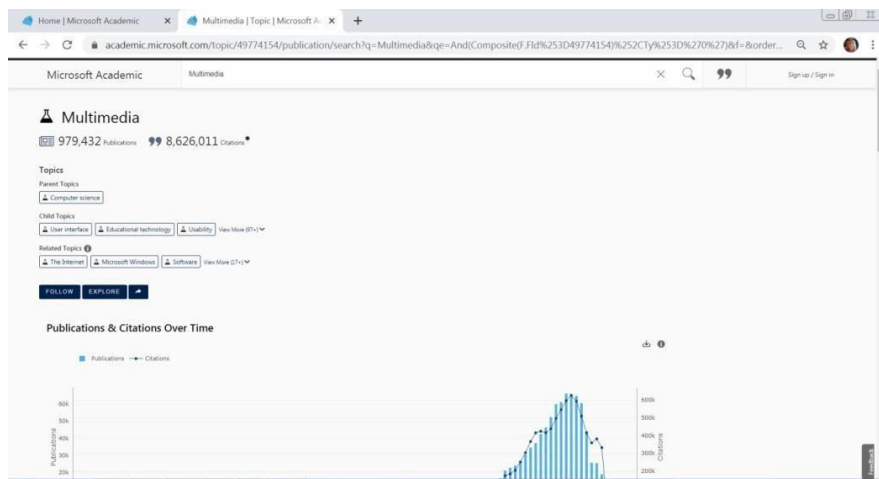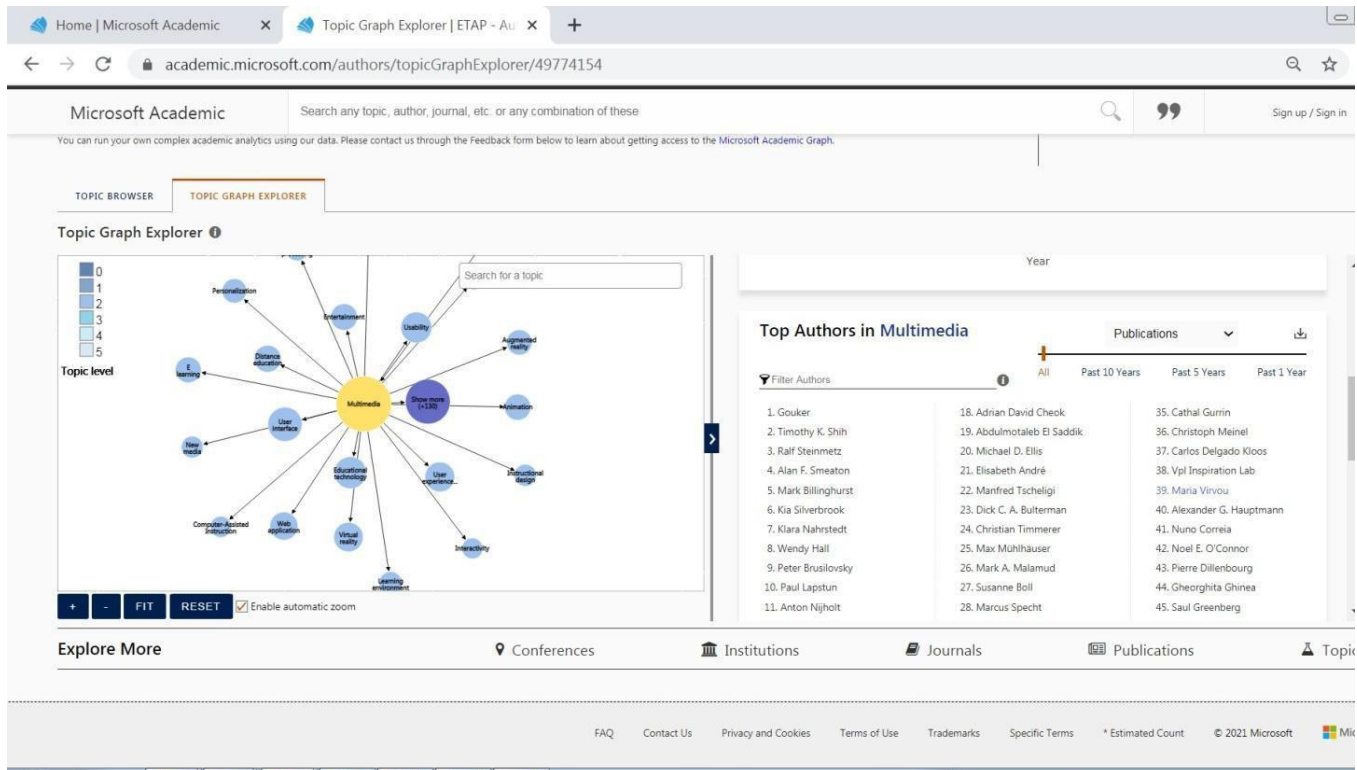
PROFESSOR MARIA VIRVOU IS INCLUDED AMONG THE TOP 50 RESEARCHERS IN THE WORLDWIDE RANKING FOR THE ENTIRE FIELD OF COMPUTER SCIENCE:

USER INTERFACE

Microsoft Academic Analytics: USER INTERFACE
176.156 publications, 3.462.738 citations
#46 on Top Authors @ "Publications' List over all years

PROFESSOR MARIA VIRVOU IS INCLUDED AMONG THE TOP 65 RESEARCHERS IN THE WORLDWIDE RANKING FOR THE ENTIRE FIELD OF COMPUTER SCIENCE:

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