

BAZA PODATAKA MAĐARSKIH NAUČNIKA I PUBLIKACIJA

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Kratak sadržaj: Mađarska biblioteka naučnika i naučnih radova (MTMT) je višenamenska nacionalna bibliografska baza podataka u Mađarskoj. Na osnovu odluke Odbora Mađarske akademije nauka, 1. jula 2009. godine osnovana je MTMT radi uspostavljanja i evidentiranja rezultata mađarskog naučnog istraživanja. Nacionalna bibliografska baza podataka, koja se može koristiti u mnoge svrhe, može se kontrolisati za podatke o naučnom radu i performansama istraživača iz institucija učesnika. Njen zadatak je da meri naučne performanse.

Ključne reči: Mađarska biblioteka naučnih radova, Mađarska Akademija Nauka, Nacionalna bibliografska baza podataka, merenje naučnog rada.

DATABASE OF HUNGARY SCIENTISTS AND PUBLICATIONS

Abstract: The Hungarian Scientific Works Library (MTMT) is a multi-purpose national bibliographic database in Hungary. Based on the decision of the Board of the Hungarian Academy of Sciences, MTMT was established on July 1, 2009 to establish and record the results of Hungarian scientific research. The National Bibliographic Database, which can be used for many purposes, can be used to upload data on the scientific work and performance of researchers from participating institutions in a controlled manner. Its task is to measure scientific performance.

Key Words: Hungarian Scientific Works Library, Hungarian Academy of Sciences, National Bibliographic Database, measure scientific performance.

1. UVOD

Baza podataka istraživača u Mađarskoj MTMT dostupna je klikom na sledeći link:

m2.mtmt.hu

Nakon klika i izbora engleskog jezika (moguće je naravno izabrati i mađarski jezik) vidimo sledeću polaznu stranicu:

Tabela 1 – Polazna stranica baze podataka istraživača u Mađarskoj

Na ovoj stranici moguće je izabrati podatke o:

- istraživaču (Author),
- instituciji (Institute),
- oblasti istraživanja (Topic),
- publikacijama i citatima (Publication) i možemo takodje vršiti,
- i obaviti napredno pretraživanje (Advanced search).

U bazu podataka istraživač sam unosi svoje lične podatke, publikacije i citate. Uneti podaci se kontrolišu od strane administratora ustanove istraživača. Podatke o istraživaču koji se već nalazi u bazi podataka, možemo pogledati na web adresi: <https://www.mtmt.hu/mtmt-2> ako upišemo ime istraživača na sledeći način, Tabela 2:

Tabela 2 – Pristup podacima o istraživaču koji se već nalazi u bazi

2. PODACI O INSTITUCIJAMA I ISTRŽIVAČIMA U MADJARSKOJ

Klikom na dugme: *Advanced Search* i upisom u padajući meni *Author* ime i prezime istraživača *Gyula Mester* prema Tabeli 3 dobijamo broj publikacija, 271 publikacija i broj citata na publikacije istraživača Gyule Mestera.

Klikom na dugme *Institute* iz padajućeg menija možemo izabrati institucije visokog obrazovanja i nauke u Madjarskoj, izborom univerziteta:

Budapest University of Technology and Economics

videćemo sledeću stranicu – Tabela 4 – sa podacima o ukupnom broju publikacija profesora, saradnika univerziteta:

102608 publikacija

i ukupnog broja citata na publikacije profesora i saradnika Budapest University of Technology and Economics u Budimpešti:

385691 citata.

Tabela 3 – Prikaz ukupnog broja publikacija profesora Gyule Mestera sa pojedinačnim navodjenjem samih publikacija (donji deo Tabele 3).

Author: Gyula Mester ✕

271 results

Citation count

Aleksandar, Rodić ; Gyula, Mester ; Xiangrong, Xu

Design and Control of Human-Inspired Dual Arm Robotic System

1 In: Temesvári, Zsolt (eds.) XXXV. Jubileumi Kandó Konferencia 2019
Budapest, Hungary : Óbudai Egyetem, Kandó Kálmán Villamosmérnöki Kar, (2020) pp. 3-6. , 4 p.

Tabela 4 – Prikaz ukupnog broja publikacija i citata na publikacije profesora, saradnika i istraživača Budapest University of Technology and Economics u Budimpešti.

Publication Search... Search Advanced search

Budapest University of Technology and Economics

Publications 102 608

Citations 385 691

~102604 results

4981 - 5000

Stegmann, T ; Ujsaghy, O ; Wolf, DE

Nonequilibrium distribution functions in electron transport: decoherence, energy

Na slici – Tabela 4 – se može očitati grafički prikaz publikacija u periodu 2007-2019 godine. Na donjem delu Tabele 4 vidimo spisak svih publikacija zaposlenih na univerzitetu sa potpunim biografskim podacima (u Tabeli 4 se sada vidi samo jedna publikacija).

Važna napomena: u bazi podataka mađarskih naučnika i publikacija obuhvaćeni su svi istraživači, doktoranti koji rade u Mađarskoj, bez obzira na nacionalnost.

Citati na publikacije zaposlenih na univerzitetu se mogu prikazati u formatima prema Tabeli 5. U Tabelama 6 prikazujemo najvažnije naučometrijske podatke o istraživaču.

Tabela 5 – Pregled formata prikaz citata (Citations display modes) na publikacije istraživača:

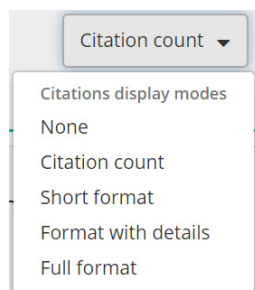
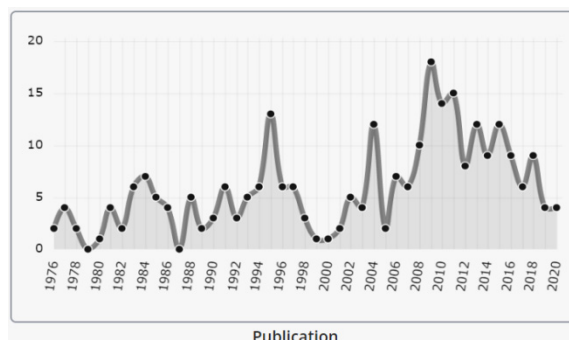


Tabela 6 – Najvažniji naučometrijski podaci o istraživaču

Detaild numbers of scientific publications	In Hungary			
	Abroad	in a foreign language	in Hungarian	All
	number of publications (since last degree year)			
Complete ¹ article in reviewed journal or journal having IF	29 / 26	6 / 6	1 / 1	36 / 33
with IF	3 / 3	5 / 5	0 / 0	8 / 8
single author	0 / 0	1 / 1	0 / 0	1 / 1
single author, reviewed or having impact factor	16 / 13	2 / 2	0 / 0	18 / 15
publications with multiple authors or collective authorships	0 / 0	0 / 0	0 / 0	0 / 0
Not complete article in Reviewed/having IF journal	0 / 0	0 / 0	0 / 0	0 / 0
article in journal with unknown review status	3 / 3	9 / 9	8 / 8	20 / 20
Conference article in conference proceedings	60 / 59	5 / 5	1 / 1	66 / 65
Conference article in journal	0 / 0	0 / 0	0 / 0	0 / 0
Conference article in Book chapter	67 / 67	14 / 14	6 / 6	87 / 87
Book as single author	1 / 1	0 / 0	2 / 2	3 / 3
Book as author with co-authors	0 / 0	0 / 0	0 / 0	0 / 0
Book chapter	6 / 6	1 / 1	2 / 2	9 / 9
Edited books	0 / 0	0 / 0	0 / 0	0 / 0
Patents	0 / 0	0 / 0	0 / 0	0 / 0
All above	166 / 162	35 / 35	20 / 20	221 / 217
Some more data				
Citations²				
Independent/all citations	624 / 1330			
Independent/all WOS citations	153 / 263			
Independent/all Scopus citations	56 / 83			
Independent/all Google Scholar citations	173 / 308			
Independent/all WOS or Scopus citations	178 / 292			
Independent/all WOS or Scopus or GS citations	288 / 475			
Citations in dissertation and other types	67 / 156			
Independent, WoS/Scopus/Google Scholar citations in dissertations	0 / 0 / 6			
Independent, WoS/Scopus/Google Scholar citations in other publications	1 / 0 / 11			
h-index for independent citations	17			
h-index for all citations	24			



3. ZAKLJUČAK

U radu je prikazana vrlo dobro koncipirana i realizovana baza podataka istraživača i publikacija u Mađarskoj. Prezentovani su podaci o istraživačima i institucijama kao i najvažniji naučometrijski podaci o istraživačima. Podaci o istraživačima i institucijama u MTMT bazi podataka dostupi su javnosti.

4. LITERATURA

- [1] Magyar Tudományos Művek Tára (MTMT), <https://www.mtmt.hu/>
- [2] Gyula Mester, *Rankings Scientists, Journals and Countries Using h-index*, Interdisciplinary Description of Complex Systems, Croatian Interdisciplinary Society, Vol. 14, No. 1, ISSN: 1334-4684, DOI: 10.7906/indecs.14.1.1, pp. 1-9, 2016.
- [3] Gyula Mester, *Ranking of Croatian Researchers from Several Disciplines Using Google Scholar Database*, Interdisciplinary Description of Complex Systems, Croatian Interdisciplinary Society, pp. 168-173, Vol. 15, No. 2, ISSN 1334-4684, e-ISSN: 1334-4676, DOI: 10.7906/indecs.15.2.6, 2017.
- [4] Gyula Mester, *Ranking Baltic States Researchers*, Interdisciplinary Description of Complex Systems, Croatian Interdisciplinary Society, Vol. 15, No. 3, pp. 174-179, DOI: 10.7906/indecs.15.3.1, 2017.
- [5] Gyula Mester, *Merenje rezultata naučnog rada*, pp. 445-454, Tehnika-Mašinstvo, 64, 3, ISSN: 0040-2176, Beograd, Srbija, 2015.
- [6] Gyula Mester, *Ranking of Hungarian Researchers from Several Disciplines Using Google Scholar Database*, Science in Practice 2018 (SIP 2018), XXXIV. Kandó Conference, pp. 18-32, Óbuda University, Budapest, ISBN: 978-963-449-096-8, 22-23. November 2018.
- [7] Gyula Mester, *Naučnometrijski indeksi – primena u robotici*, Zbornik radova ETRAN 2015, 59. konferencija za elektroniku, telekomunikacije, računarstvo, automatiku i nuklearnu tehniku, EDU 1.1, pp. 1-6, ISBN: 978-86-80509-71-6, Srebrno Jezero, Serbia, 08-11.06.2015.
- [8] Gyula Mester, Szilveszter Pletl, Gizella Pajor, Djuro Basic, *Adaptive Control of Rigid-Link Flexible-Joint Robots*, Proceedings of 3rd International Workshop of Advanced Motion Control, pp. 593-602, Berkeley, USA, March 20-23, 1994.
- [9] Gyula Mester, Szilveszter Pletl, Attila Nemes, Tibor Mester, *Structure Optimization of Fuzzy Control Systems by Multi-Population Genetic Algorithm*, Proceedings of the 6th European Congress on Intelligent Techniques and Soft Computing, (EUFIT'98), Vol. 1, pp. 450-456, Aachen, Germany, 7-10. September 1998.
- [10] Josip Stepanic, Gyula Mester, Josip Kasac, *Synthetic Inertial Navigation Systems: Case Study of Determining Direction*, Proceedings of 57th ETRAN Conference, pp. RO 2.7.1-3, Zlatibor, Serbia, June 3-6, 2013.
- [11] Gyula Mester, Aleksandar Rodic, *Simulation of Quad-Rotor Flight Dynamics for the Analysis of Control, Spatial Navigation and Obstacle Avoidance*, Proceedings of the 3rd International Workshop on Advanced Computational Intelligence and Intelligent Informatics (IWACIII 2013), pp. 1-4, Shanghai, China, 2013.
- [12] Gyula Mester, *Massive Open Online Courses in Education of Robotics*, Interdisciplinary Description of Complex Systems, Croatian Interdisciplinary Society, pp. 182-187, Vol. 14, No. 2, ISSN: 1334-4684, e-ISSN: 1334-4676, DOI: 10.7906/indecs.14.2.7, 2016.
- [13] Attila Nemes, Gyula Mester, *Unconstrained Evolutionary and Gradient Descent-Based Tuning of Fuzzy-partitions for UAV Dynamic Modeling*, FME Transactions, ISSN: 1451-2092, DOI: 10.5937/fmet1701001N, Vol. 45, No. 1, pp. 1-8, 2017.
- [14] Aleksandar Rodic, Milos Jovanovic, Svemir Popic, Gyula Mester, *Scalable Experimental Platform for Research, Development and Testing of Networked Robotic Systems in Informationally Structured Environments*, Proceedings of the IEEE SSCI 2011, Symposium Series on Computational Intelligence, Workshop on Robotic Intelligence in Informationally Structured Space, pp. 136-143, ISBN: 978-1-4244-9885-7, Paris, France, 2011.
- [15] Gyula Mester, *Cloud Robotics Model*, Procedia Engineering, pp. 1-7, 25th DAAAM International Symposium on Intelligent Manufacturing and Automation (DAAAM 2014), 2015.
- [16] Gyula Mester, Jelena Pisarov, Dalma Zilahy, *Magyarországi robotikai kutatók ranglistája*, XXXV. Jubileumi Kandó Konferencia 2019 (JKK2019), pp. 1-11, ISBN: 978-963-449-163-7, 14 Novembar, 2019, Óbuda University, Budapest, Hungary.
- [17] Jelena Pisarov, *Experience with mBot–Wheeled Mobile Robot*, XXXV. Jubileumi Kandó Konferencia 2019 (JKK2019), pp. 1-6, ISBN: 978-963-449-163-7, 14 Novembar, 2019, Óbuda University, Budapest, Hungary.
- [18] Jelena Pisarov, Gyula Mester, *Programming the mBot Robot in School*, MechEdu Conference & Workshop 2019 (MechEdu 2019), pp. 1-4, 12 Decembar, 2019, Subotica Tech, Subotica, Serbia.
- [19] Jelena Pisarov, *mBot kereken gördülő mobil robot irányítása*, Magyar Tudomány Napja a Délvidéken 2019, Vajdasági Magyar Tudományos társaság (VMTT 2019), pp. 1-5, 14 december, 2019, Újvidék, Serbia.
- [20] Hermann Maurer, Namik Delilovic, *A Critical Discussion of Some Current and Future Developments of IT*, European Conference on Software Process Improvement, pp. 3-14, Springer, Cham, 2019.
- [21] Namik Delilovic, Hermann Maurer, *A Note Concerning Feedback and Queries for Web Pages*, Journal of Universal Computer Science, Vol. 25, No. 7, pp. 733-739, 2019.
- [22] Zoltán Rajnai, Sándor Miklós, *Út a digitális kommunikációs rendszer felé*, II, Nemzetvédelmi Egyetemi Közlemények, Vol. 1, No. 2, pp. 217-229, 1997.
- [23] Goran Novrat, Damir Šoštarić, Zoran Balkić, *Cost-effective Ethernet Communication for Low Cost Microcontroller Architecture*, International Journal of Electrical and Computer Engineering Systems, Vol. 3, No. 1, pp. 1-8, 2012.
- [24] Attila Nemes, Gyula Mester, Tibor Mester, *A Soft Computing Method for Efficient Modelling of Smart Cities Noise Pollution*, Interdisciplinary Description of Complex Systems, Vol. 16, No. 3-A, pp. 302-312, 2018.