



TECHNICKÁ UNIVERZITA V KOŠICIACH
Letecká fakulta

Prehľad publikáčnej činnosti

Rudolf Andoga

Košice 2020

Zoznam pôvodných publikovaných vedeckých prác, odborných prác, učebníc, učebných textov

Zoznam pôvodných publikovaných vedeckých prác, odborných prác, učebníc, učebných textov

Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)

Počet záznamov: 4

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (1) (6 AH)

AAB - Vedecké monografie vydané v domácich vydavateľstvách (2) (6 AH), (2 AH)

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (1)

Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)

Počet záznamov: 10

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (6) (4,5 AH), (4 AH), (4 AH), (2 AH), (0,5 AH), (2 AH)

BCI - Skriptá a učebné texty (3) (2 AH), (2 AH), (3 AH)

FAI - Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...) (1)

Skupina B - Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)

Počet záznamov: 8

ADC - Vedecké práce v zahraničných karentovaných časopisoch (6)

AEG - Stručné oznamenia, abstrakty vedeckých prác v zahraničných karentovaných časopisoch (2)

Skupina C - Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)

Počet záznamov: 169

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (6)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (20)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (5)

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (5)

AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách (1)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (67)

AFD - Publikované príspevky na domácich vedeckých konferenciách (53)

AFG - Abstrakty príspevkov zo zahraničných konferencií (5)

AFH - Abstrakty príspevkov z domácich konferencií (3)

BDF - Odborné práce v domácich nekarentovaných časopisoch (2)

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...) (1)

BFB - Abstrakty odborných prác z domácich podujatí (konferencie...) (1)

Skupina N - Nové kategórie EPC v zmysle Vyhlášky č. 456/2012 (ADM, ADN, AEM, AEN, BDM, BDN, CBA, CBB)

Počet záznamov: 9

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (9)

Skupina D - Ostatné - mimo kategórií MŠSR

Počet záznamov: 4

AEF - Vedecké práce v domácich nerecenzovaných vedeckých zborníkoch, monografiách (2)

GII - Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií (2)

Počet záznamov spolu: 204

Menný zoznam publikácií:

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (1)

AAA001 [206210] **Estimation process analysis of identification effectiveness of small turbojet engine with intelligent control** / Rudolf Andoga ... [et al.] - 1. vyd. - Dęblin : Wyższej Szkoły Oficerskiej Sił Powietrznych - 2018. - 133 s. [print].
- ISBN 9788364636806.
[ANDOGA, Rudolf - GAŠPAR, Vladimír - LAZAR, Tobiáš - MADARÁSZ, Ladislav]

AAB - Vedecké monografie vydané v domácich vydavateľstvách (2)

AAB001 [60963] **Integračné aspekty tvorby a prevádzky systémov CIM** integrovaná počítačom riadená výroba / Ladislav Madarász, Marián Bučko, Rudolf Andoga - 2. prepracované, rozšírené a opravené vydanie - Košice : TU - 2006. - 380 s..
- ISBN 80-8086-043-2.
[MADARÁSZ, Ladislav - BUČKO, Marián - ANDOGA, Rudolf]

AAB002 [113333] **Inovatívne výstupy z transformovaného experimentálneho pracoviska s malým prúdovým motorom** / Tobiáš Lazar ... [et al.] - Košice : elfa - 2011. - 348 s.. - ISBN 978-80-8086-170-4.
[LAZAR, Tobiáš - MADARÁSZ, Ladislav - ANDOGA, Rudolf - BUČKO, Marián - FŐZŐ, Ladislav - HOCKO, Marián - JUDIČÁK, Jozef - KABÁT, Ján - KAROL, Tomáš - MODROVIČOVÁ, Jana - NOVÁK, Branislav]

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (1)

ABC001 [107164] **Intelligent Technologies in Modelling and Control of Turbojet Engines** / L. Madarász, R. Andoga, L. Főző - 2010. In: New Trends in Technologies : Control, Management, Computational Intelligence and Network Systems. - Rijeka : Sciendo, 2010 P. 17-38. - ISBN 978-953-307-213-5
[MADARÁSZ, Ladislav - ANDOGA, Rudolf - FŐZŐ, Ladislav]

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(6)

ACB001 [77630] **Systémová analýza a syntéza** / Ladislav Madarász, Marián Bučko, Rudolf Andoga - 1. vyd - Košice : Elfa, - 2008. - 267 s. - ISBN 978-80-8086-080-6.
[MADARÁSZ, Ladislav - BUČKO, Marián - ANDOGA, Rudolf]

ACB002 [107177] **Základy automatického riadenia** Lineárne dynamické systémy - teória a príklady / Ladislav Madarász ... [et al] - 2. preprac. a oprav. vyd - Košice : Elfa - 2010. - 401 s.. - ISBN 978-80-8086-162-9.
[MADARÁSZ, Ladislav - FŐZŐ, Ladislav - ANDOGA, Rudolf - BUČKO, Marián]

ACB003 [99729] **Rozhodovanie, zložitosť a neurčitosť: teória a prax** / Ladislav Madarász ... [et al.] - 1. vyd - Košice : Elfa - 2010. - 396 s. - ISBN 978-80-8086-142-1.
[MADARÁSZ, Ladislav - VAŠČÁK, Ján - ANDOGA, Rudolf - KAROL, Tomáš]

ACB004 [119335] **Systémová analýza a syntéza** / Ladislav Madarász ... [te al.] - 2. rozšírené a upravené vydanie - Košice : elfa - 2012. - 303 s.. - ISBN 978-80-8086-193-3.
[MADARÁSZ, Ladislav - ANDOGA, Rudolf - BUČKO, Marián - GAŠPAR, Vladimír]

ACB005 [132829] **Helicopter aerodynamics, structures and systems** Vysokoškolská učebnica/ Ján Piňa ... [et al.] - 1. vyd. - Košice : TU - 2013. - 410 s. [CD-ROM]. - ISBN 978-80-553-1241-5.
[PIŇA, Ján - NEŠTRÁK, Dušan - ADAMČÍK, František - LABUN, Ján - BRÉDA, Róbert - ANDOGA, Rudolf]

ACB006 [168916] **Rozhodovanie a zložitosť** / Vladimír Gašpar ... [et al.] - 1. preprac. vyd - Košice : Univerzitná knižnica TU - 2016. - 215 s. [CD-ROM]. - ISBN 978-80-553-2523-1.
[GAŠPAR, Vladimír - OCELÍKOVÁ, Eva - NYULÁSZI, Ladislav - PUHEIM, Michal - ANDOGA, Rudolf]

ADC - Vedecké práce v zahraničných karentovaných časopisoch (6)

ADC001 [181586] **Near magnetic field of a small turbojet engine** / Rudolf Andoga, Ladislav Főzö - 2017.In: Acta Physica Polonica A. Vol. 131, no. 4 (2017), p. 1117-1119. - ISSN 0587-4246
[ANDOGA, Rudolf - FŐZÖ, Ladislav]

ADC002 [196174] **Intelligent situational control of small turbojet engines** / Rudolf Andoga ... [et al.] - 2018.In: International Journal of Aerospace Engineering,. Vol. 2018, no. Article ID 8328792 (2018), p. 1-16. - ISSN 1687-5966
Spôsob prístupu: <https://www.hindawi.com/journals/ijae/2018/8328792/>.
[ANDOGA, Rudolf - FŐZÖ, Ladislav - JUDIČÁK, Jozef - BRÉDA, Róbert - SZABO, Stanislav - ROZENBERG, Róbert - DŽUNDA, Milan]

ADC003 [207244] **Intelligent Thermal Imaging-Based Diagnostics of Turbojet Engines** / Rudolf Andoga ... [et al.] - 2019.In: Applied Sciences. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 9, č. 11 (2019), s. 1-22 [online]. - ISSN 2076-3417 Spôsob prístupu: <https://www.mdpi.com/2076-3417/9/11/2253>.
[ANDOGA, Rudolf - FŐZÖ, Ladislav - SCHRÖTTER, Martin - ČEŠKOVIČ, Marek - SZABO, Stanislav - BRÉDA, Róbert - SCHREINER, Michal]

ADC004 [211449] **A fuzzy model of risk assessment for environmental start-up projects in the air transport sector** / Volodymyr Polishchuk ... [et al.] - 2019.In: International Journal of Environmental Research and Public Health = IJERPH : Open Access Journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 16, č. 19 (2019), s. 1-21 [print, online]. - ISSN 1661-7827 Spôsob prístupu: http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000494748600069.
[POLISHCHUK, Volodymyr - KELEMEN, Miroslav - GAVUROVÁ, Beáta - VAROTSOS, Costas - ANDOGA, Rudolf - GERA, Martin - CHRISTODOULAKIS, John - SOUŠEK, Radovan - KOZUBA, Jaroslav - BLIŠŤAN, Peter - SZABO, Stanislav ml.]

ADC005 [211450] **Fuzzy model for quantitative assessment of environmental start-up projects in air transport** / Miroslav Kelemen [et al.] - 2019.In: International Journal of Environmental Research and Public Health = IJERPH : Open Access Journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 16, č. 19 (2019), s. [1-21] [print, online]. - ISSN 1661-7827 Spôsob prístupu: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85072702522&origin=resultslist>.
[KELEMEN, Miroslav - POLISHCHUK, Volodymyr - GAVUROVÁ, Beáta - SZABO, Stanislav - ROZENBERG, Róbert - GERA, Martin - KOZUBA, Jaroslav - ANDOGA, Rudolf - DIVOKOVÁ, Adriana - BLIŠŤAN, Peter]

ADC006 [218817] **Self-Adaptation of a Heterogeneous Swarm of Mobile Robots to a Covered Area** / Ján Zelenka ... [et al.] - 2020.In: Applied Sciences. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 10, č. 10 (2020), s. 1-23 [online]. - ISSN 2076-3417 (online) Spôsob prístupu: <https://www.mdpi.com/2076-3417/10/10/3562>.
[ZELENKA, Ján - KASANICKÝ, Tomáš - BUNDZEL, Marek - ANDOGA, Rudolf]

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (6)

ADE001 [49645] **Development and perspectives of situational control of complex systems** / Ladislav Madarász, Rudolf Andoga - 2004.In: Gép. Vol. 55, no.1 (2004), p. 14-18. - ISSN 0016-8572
[MADARÁSZ, Ladislav - ANDOGA, Rudolf]

ADE002 [62201] **Adaptive sampling for network monitoring** / Juraj Giertl ... [et al.] - 2007.In: ISAST Transactions on Communications and Networking. Vol. 1, no. 1 (2007), p. 52-61. - ISSN 1797-0989
[GIERTL, Juraj - BAČA, Ján - JAKAB, František - ANDOGA, Rudolf]

ADE003 [70752] **Digital electronic control of a small turbojet engine MPM 20** / Rudolf Andoga, Ladislav Főzö, Ladislav Madarász - 2007.In: Acta Polytechnica Hungarica. Vol. 4, no. 4 (2007), p. 83-95. - ISSN 1785-8860



[ANDOGA, Rudolf - FŐZŐ, Ladislav - MADARÁSZ, Ladislav]

ADE004 [76079] **Adaptive sampling in measuring traffic parameters in a computer network using a fuzzy regulator and a neural network** / J. Giertl ... [et al.] - 2008.In: Cybernetics and Systems Analysis. Vol. 44, no. 3 (2008), p. 348-356. - ISSN 1060-0396 Spôsob prístupu:

<http://www.springerlink.com/content/x52n81318p563310/?p=0503081d3764483d82f013125660e282&pi=4>.

[GIERTL, Juraj - BAČA, Ján - JAKAB, František - ANDOGA, Rudolf]

ADE005 [76080] **Adaptivnyj otbor obrazcov pri izmerenii parametrov trafika kompjuternoj seti s ispol'zovaniem nečetkogo reguljatora i nejronnoj seti** / J. Giertl ... [et al.] - 2008.In: Kibernetika i sistemnyi analiz. No. 3 (2008), p. 46-54. - ISSN 0023-1274

[GIERTL, Juraj - BAČA, Ján - JAKAB, František - ANDOGA, Rudolf]

ADE006 [89780] **Situational control, modeling and diagnostics of large scale systems** / Ladislav Madarász ... [et al.] - 2009.In: Towards Intelligent Engineering and Information Technology. No. 243 (2009), p. 153-164. - ISSN 1860-949X [MADARÁSZ, Ladislav - ANDOGA, Rudolf - FŐZŐ, Ladislav - LAZAR, Tobiáš]

ADF - Vedecké práce v domácich nekarentovaných časopisoch (20)

ADF001 [49817] **Contribution to adaptive sampling of QoS parameters in computer networks** / Juraj Giertl ...[et al.] - 2006.In: Acta Electrotechnica et Informatica. Roč. 6, č. 1 (2006), s. 52-59. - ISSN 1335-8243 [GIERTL, Juraj - JAKAB, František - BAČA, Ján - ANDOGA, Rudolf - MIRILOVIČ, Michal]

ADF002 [63688] **Small turbojet engine - situational modeling and control** / Rudolf Andoga, Ladislav Főző, Ladislav Madarász - 2007.In: Acta Avionica. Roč. 9, č. 13 (2007), s. 34-40. - ISSN 1335-9479 [ANDOGA, Rudolf - FŐZŐ, Ladislav - MADARÁSZ, Ladislav]

ADF003 [67757] **Means and methods of artificial intelligence in turbojet engine control** / Jozef Považan ...[et al.] - 2007.In: Acta Avionica. Roč. 9, č. 14 (2007), s. 113-117. - ISSN 1335-9479 [POVAŽAN, Jozef - ANDOGA, Rudolf - JUDIČÁK, Jozef - FŐZŐ, Ladislav]

ADF004 [113460] **Návrh algoritmu riadenia v každom čase motora MPM20 s využitím jeho analytického modelu** / Ladislav Főző, Ladislav Madarász, Rudolf Andoga - 2008.In: Transfer inovácií. Č. 11, (2008), s. 94-101. - ISSN 1337-7094 Spôsob prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/11-2008/pdf/94-101.pdf>. [FŐZŐ, Ladislav - MADARÁSZ, Ladislav - ANDOGA, Rudolf]

ADF005 [76744] **Anytime control algorithm design for MPM 20 engine** / Jozef Považan ... [et al.] - 2008.In: Acta Avionica. Roč. 10, č. 16 (2008), s. 127-131. - ISSN 1335-9479 [POVAŽAN, Jozef - ANDOGA, Rudolf - FŐZŐ, Ladislav - JUDIČÁK, Jozef]

ADF006 [88777] **Intelligent fadec control systems of turbojet engines** / Rudolf Andoga, Ladislav Főző, Ladislav Madarász - 2009.In: Acta Avionica. Roč. 11, č. 18 (2009), s. 7-11. - ISSN 1335-9479 [ANDOGA, Rudolf - FŐZŐ, Ladislav - MADARÁSZ, Ladislav]

ADF007 [99680] **Turbojet engines - progressive methods of modeling** / Ladislav Madarász, Rudolf Andoga, Ladislav Főző - 2009.In: Acta Mechanica Slovaca. Roč. 13, č. 3 (2009), s. 62-72. - ISSN 1335-2393 [MADARÁSZ, Ladislav - ANDOGA, Rudolf - FŐZŐ, Ladislav]

ADF008 [113455] **Matematické modelovanie radiálneho kompresora prúdového motoru** / Ladislav Madarász ... [et al.] - 2010.In: Transfer inovácií. Č. 18, (2010), s. 34-37. - ISSN 1337-7094 Spôsob prístupu:

<http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/18-2010/pdf/034-037.pdf>.

[MADARÁSZ, Ladislav - POVAŽAN, Jozef - ANDOGA, Rudolf - FŐZŐ, Ladislav]

ADF009 [99472] **Progressive methods in area of turbojet engines' control systems** / Rudolf Andoga ... [et al.] - 2010.In: Acta Electrotechnica et Informatica. Roč. 10, č. 1 (2010), s. 42-46. - ISSN 1335-8243 Spôsob prístupu: <http://www.aei.tuke.sk>.

[ANDOGA, Rudolf - FŐZŐ, Ladislav - MADARÁSZ, Ladislav - KAROL', Tomáš]

ADF010 [136974] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (1)** / Ladislav Madarász ... [et al.] - 2013.In: ATP Journal. Č. 9 (2013), s. 58-62. - ISSN 1335-2237 [MADARÁSZ, Ladislav - LAZAR, Tobiáš - GAŠPAR, Vladimír - ANDOGA, Rudolf]

ADF011 [139048] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (2)** / Ladislav Madarász ... [et al.] - 2013.In: ATP Journal. Roč. 20, č. 10 (2013), s. 58-61. - ISSN 1335-2237 [MADARÁSZ, Ladislav - LAZAR, Tobiáš - ANDOGA, Rudolf - FŐZŐ, Ladislav - GAŠPAR, Vladimír]

ADF012 [142256] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (3)** / Ladislav Madarász ... [et al.] - 2013.In: ATP Journal. Č. 11 (2013), s. 58-61. - ISSN 1335-2237 [MADARÁSZ, Ladislav - LAZAR, Tobiáš - ANDOGA, Rudolf - NYULÁSZI, Ladislav - GAŠPAR, Vladimír]

ADF013 [142257] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (4)** / Ladislav Madarász ... [et al.] - 2013.In: ATP Journal. Č. 12 (2013), s. 49-52. - ISSN 1335-2237 [MADARÁSZ, Ladislav - LAZAR, Tobiáš - ANDOGA, Rudolf - NYULÁSZI, Ladislav - GAŠPAR, Vladimír]

ADF014 [142839] **Proposal of Dissemination and Broadcasting of Laboratory Data within Small Time Latencies** / Ladislav Madarász ... [et al.] - 2013.In: Acta Mechanica Slovaca. Roč. (17), č. 3 (2013), s. 26-32. - ISSN 1335-2393 [MADARÁSZ, Ladislav - GAŠPAR, Vladimír - RUDAS, Imre - ANDOGA, Rudolf - GAŠPAR, Ľuboš]

ADF015 [146076] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (5)** / Ladislav Madarász ... [et al.] - 2014.In: ATP Journal. Roč. 21, č. 1 (2014), s. 50-54. - ISSN 1335-2237 [MADARÁSZ, Ladislav - LAZAR, Tobiáš - ANDOGA, Rudolf - GAŠPAR, Vladimír]

ADF016 [146077] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (6)** / Ladislav Madarász ... [et al.] - 2014.In: ATP Journal. Roč. 21, č. 2 (2014), s. 44-47. - ISSN 1335-2237 [MADARÁSZ, Ladislav - LAZAR, Tobiáš - ANDOGA, Rudolf - GAŠPAR, Vladimír]

ADF017 [146089] **Komplexný výskum efektívnosti a inovácia technológie skúšok malého prúdového motora (8)** / Vladimír Gašpar ... [et al.] - 2014.In: ATP Journal. Roč. 21, č. 4 (2014), s. 52-55. - ISSN 1335-2237 [GAŠPAR, Vladimír - MADARÁSZ, Ladislav - LAZAR, Tobiáš - ANDOGA, Rudolf - FŐZŐ, Ladislav]

ADF018 [169869] **Design of a Laboratory Information System for Data Processing and Efficiency Evaluation** / Vladimír Gašpar, Rudolf Andoga - 2016.In: Acta Electrotechnica et Informatica. Roč. 15, č. 4 (2016), s. 22-29. - ISSN 1335-8243 Spôsob prístupu: http://www.aei.tuke.sk/papers/2015/4/5_Ga%C5%A1par.pdf.
[GAŠPAR, Vladimír - ANDOGA, Rudolf]

ADF019 [171578] **Inverse Neural Network Controller for Camera Gimbal Stabilization** / Rudolf Andoga, Katarína Draganová, Miroslav Lašák - 2016.In: Acta Avionica. Roč. 18, č. 1 (2016), s. 1-6. - ISSN 1339-9853 [ANDOGA, Rudolf - DRAGANOVÁ, Katarína - LAŠŠÁK, Miroslav]

ADF020 [208363] **Modeling of the Tensometric Measuring System** / Jozef Novotňák ... [et al.] - 2019.In: Acta Avionica : journal of science. - Košice (Slovensko) : Letecká fakulta Roč. 21, č. 1 (2019), s. 18-23 [print]. - ISSN 1335-9479 Spôsob prístupu: <https://acta-avionica.tuke.sk/ojs/index.php/avionica/article/view/1046/1046>.
[NOVOTŇÁK, Jozef - ŠMELKO, Miroslav - ANDOGA, Rudolf - LIPOVSKÝ, Pavol - FIĽKO, Martin]



ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (9)

ADM001 [138108] **A Digital Diagnostic System for a Small Turbojet Engine** / Rudolf Andoga ... [et al.] - 2013.In: Acta Polytechnica Hungarica. Vol. 10, no. 4 (2013), p. 45-58. - ISSN 1785-8860 Spôsob prístupu: http://www.uni-obuda.hu/journal/Andoga_Fozo_Madarasz_Karol_42.pdf.

[ANDOGA, Rudolf - FŐZŐ, Ladislav - MADARÁSZ, Ladislav - KAROL', Tomáš]

ADM002 [138976] **Robust controller in the structure of lateral control of maneuvering aircraft** / Róbert Bréda ... [et al.] - 2013.In: Acta Polytechnica Hungarica. Vol. 10, no. 5 (2013), p. 101-124. - ISSN 1785-8860 Spôsob prístupu: http://www.uni-obuda.hu/journal/Breda_Lazar_Andoza_Madarasz_43.pdf.

[BRÉDA, Róbert - LAZAR, Tobiáš - ANDOGA, Rudolf - MADARÁSZ, Ladislav]

ADM003 [138980] **Innovative approaches in modeling, control and diagnostics of small turbojet engines** / Rudolf Andoga ... [et al.] - 2013.In: Acta Polytechnica Hungarica. Vol. 10, no. 5 (2013), p. 81-99. - ISSN 1785-8860 Spôsob prístupu: http://www.uni-obuda.hu/journal/Andoga_Madarasz_Fozo_Lazar_Gaspar_43.pdf.

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WoS Publikácie: <https://publons.com/researcher/1393501/rudolf-andoga/publications>



Rudolf Andoga

Researcher (Academic) - Department of Avionics, Technical University of Košice

PUBLICATIONS 56	TOTAL TIMES CITED 163	H-INDEX 6 ^②	VERIFIED REVIEWS 30
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(1) IEEE International Conference on Intelligen...	(1) INES 2005: 9TH INTERNATIONAL CONFER...
(1) Intelligent Engineering Systems, Internatio...	(1) International Conference on Intelligent Eng...
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Innovative Approaches in Modeling, Control and Diagnostics of Small Turbojet Engines

WEB OF SCIENCE



Authors: Andoga, Rudolf; Madarasz, Ladislav; Fozo, Ladislav; ... Gaspar, Vladimir; see more
Published: 2013 in Acta Polytechnica Hungarica
DOI: 10.12700/APH.10.05.2013.5.6

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A Digital Diagnostic System for a Small Turbojet Engine

WEB OF SCIENCE



Authors: Andoga, Rudolf; Fozo, Ladislav; Madarasz, Ladislav; Karol, Tomas
Published: 2013 in Acta Polytechnica Hungarica
DOI: 10.12700/APH.10.04.2013.4.3

21

Situational Control, Modeling and Diagnostics of Large Scale Systems

WEB OF SCIENCE



Authors: Madarasz, Ladislav; Andoga, Rudolf; Fozo, Ladislav; Lazar, Tobias
Published: 2009 in Studies in Computational Intelligence
DOI: 10.1007/978-3-642-03737-5_11

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Intelligent Situational Control of Small Turbojet Engines

WEB OF SCIENCE



Authors: Andoga, Rudolf; Andoga, Rudolf; Fozo, Ladislav; ... Dzunda, Milan; see more
Published: 2018 in International Journal of Aerospace Engineering
DOI: 10.1155/2018/8328792

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Experimental Identification of a small turbojet engine with variable exhaust nozzle

WEB OF SCIENCE



Authors: Komjety, M.; Fozo, L.; Andoga, R.
Published: 2015 in 16TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND
INFORMATICS (CINTI)
DOI: 10.1109/CINTI.2015.7382895

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Thermo-dynamic cycle computation of a micro turbojet engine

WEB OF SCIENCE



Authors: Ladislav Fozo; Ladislav Fozo; Rudolf Andoga; Radovan Kovacs
Published: Nov 2016 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)
DOI: 10.1109/CINTI.2016.7846382

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Near Magnetic Field of a Small Turbojet Engine

WEB OF SCIENCE



Authors: R. Andoga; Ladislav Fozo
Published: Apr 2017 in Acta Physica Polonica A
DOI: 10.12693/APHYSPOLA.131.1117

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Mathematical Model of a Small Turbojet Engine MPM-20

WEB OF SCIENCE



Authors: Fozo, Ladislav; Andoga, Rudolf; Madarasz, Ladislav
Published: 2010 in Studies in Computational Intelligence
DOI: 10.1007/978-3-642-15220-7_25

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Robust Control of Small Turbojet Engines

Authors: Andoga, Rudolf; Fozo, Ladislav; Kovacs, Radovan; ... Schreiner, Michal; see more
Published: 2019 in Machines
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Comparison of Experimental Identification Methods Using Measured Data from a Turbojet Engine

Authors: Nyulaszi, Ladislav; Andoga, Rudolf; Butka, Peter; Gaspar, Vladimir
Published: 2016 in IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI)
DOI: 10.1109/SAMI.2016.7422976

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A Fuzzy Model of Risk Assessment for Environmental Start-Up Projects in the Air Transport Sector

Authors: Polishchuk, Volodymyr; Kelemen, Miroslav; Gavurova, Beata; ... Szabo, Stanislav, Jr.; see more
Published: Sep 2019 in International Journal of Environmental Research and Public Health
DOI: 10.3390/IJERPH16193573

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Fault Detection and Isolation of an Aircraft Turbojet Engine Using a Multi-Sensor Network and Multiple Model Approach

Authors: Nyulaszi, Ladislav; Andoga, Rudolf; Butka, Peter; ... Moravec, Tomas; see more
Published: 2018 in Acta Polytechnica Hungarica
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Robust Controller in the Structure of Lateral Control of Maneuvering Aircraft

Authors: Breda, Robert; Lazar, Tobias; Andoga, Rudolf; Madarasz, Ladislav
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DOI: 10.12700/APH.10.05.2013.5.7

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ADAPTIVE SAMPLING IN MEASURING TRAFFIC PARAMETERS IN A COMPUTER NETWORK USING A FUZZY REGULATOR AND A NEURAL NETWORK

Authors: J. Giertl; J. Baca; F. Jakab; Rudolf Andoga
Published: 2008 in Cybernetics and Systems Analysis
DOI: 10.1007/S10559-008-9005-0

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Description of an intelligent small turbo-compressor engine with variable exhaust nozzle

Authors: Fozo, L.; Andoga, R.; Madarasz, L.; ... Judicak, J.; see more
Published: 2015 in IEEE 13TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI)
DOI: 10.1109/SAMI.2015.7061867

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Basic approaches in adaptive control system design for small turbo-compressor engines

Authors: Ladislav Főző, R. Andoga, L. Fozo; ... J. Judicak; see more
Published: Jul 2014 in IEEE International Conference on Intelligent Engineering Systems INES
DOI: 10.1109/INES.2014.6909348

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Intelligent Thermal Imaging-Based Diagnostics of Turbojet Engines



Authors: Andoga, Rudolf; Fozo, Ladislav; Schrotter, Martin; ... Schreiner, Michal; see more
Published: 2019 in Applied Sciences
DOI: 10.3390/APP9112253

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Fuzzy Model for Quantitative Assessment of Environmental Start-up Projects in Air Transport



Authors: Kelemen, Miroslav; Polishchuk, Volodymyr; Gavurova, Beata; ... Blist'ian, Peter; see more
Published: 2019 in International Journal of Environmental Research and Public Health
DOI: 10.3390/IJERPH16193585

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A Hybrid Diagnostic System for a Small Turbojet Engine



Authors: Rudolf Andoga; František Adamčík jr.; Ján Hrabovský; Tomáš Vaispacher
Published: 2016 in Nese More
DOI: 10.17818/NM/2016/SI2

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Intelligent redundant systems for small turbo-compressor engines



Authors: Ladislav Főző; Rudolf Andoga; Ladislav Fozo; ... Ladislav Madarasz; see more
Published: Oct 2014 in IEEE International Symposium on Intelligent Control (ISIC)
DOI: 10.1109/ISIC.2014.6967641

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Design of the variable exhaust nozzle control system for a small turbojet engine MPM-20



Authors: Ladislav Főző; R. Andoga; M. Komjáty; ... L. Madarasz; see more
Published: Jan 2014 in IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI)
DOI: 10.1109/SAMI.2014.6822405

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OPTIMISING THE AIRCRAFT LATERAL STABILIZATION SYSTEM IN LANDING MODE



Authors: Breda, R.; Lazar, T.; Andoga, R.; Madarasz, L.
Published: 2013 in IEEE 11TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND
INFORMATICS (SAMI)
DOI: 10.1109/SAMI.2013.6480980

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Digital Electronic Control of a Small Turbojet Engine - MPM 20



Authors: Ladislav Főző; Rudolf Andoga; Ladislav Fozo; Ladislav Madarasz
Published: Feb 2008 in International Conference on Intelligent Engineering Systems
DOI: 10.1109/INES.2008.4481266

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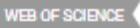
Situational control methodology in control of aircraft turbo-compressor engines



Authors: Ladislav Főző; R. Andoga; L. Madarasz
Published: 2005 in ICCC 2005: IEEE International Conference on Computational Cybernetics
DOI: 10.1109/ICCCYB.2005.1511599

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A non-linear model of a complex system using variable parameters 

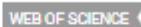


Authors: Radovan Kovács; Ladislav Fozo; Rudolf Andoغا; Tomáš Moravec

Published: 2018 in IEEE 16TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI): DEDICATED TO THE MEMORY OF PIONEER OF ROBOTICS ANTAL (TONY) K. BEJCZY

DOI: 10.1109/SAMI.2018.8323997

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Remote real-time monitoring of a small turbojet engine 



Authors: Vladimír Gaspar; Rudolf Andoغا

Published: 2016 in 17TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI)

DOI: 10.1109/CINTI.2016.7846433

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Engineering approaches in control of complex electro-mechanical systems 



Authors: Andoغا, R.; Draganova, K.; Lessák, M.

Published: Nov 2015 in 16TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI)

DOI: 10.1109/CINTI.2015.7382896

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A conceptual method for implementation of anytime algorithms for a small turbojet engine 



Authors: Ladislav Főzö; Ján Hrabovský; Rudolf Andoغا; ...; Jozef Judičák; see more

Published: Nov 2015 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)

DOI: 10.1109/CINTI.2015.7382904

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Application of Linearized Kalman Filter Integration of Navigation Systems 



Authors: Vaispacher, Toms; Andoغا, Rudolf; Breda, Robert; Adamcik, František, Jr.

Published: 2015 in 16TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI)

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Designing a digitally controlled fuel system for an experimental small turbojet engine 



Authors: Ladislav Főzö; Ján Hrabovský; Rudolf Andoغا; Ladislav Fozo

Published: Nov 2014 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)

DOI: 10.1109/CINTI.2014.7028725

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Redundant backup and diagnostic system of MPM-20 engine [WEB OF SCIENCE](#)



Authors: Ladislav Nyulaszi; Ladislav Madarasz; Rudolf Andoga; Vladimir Gaspar
Published: Nov 2013 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)
DOI: 10.1109/CINTI.2013.6705241

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On scientific research information system [WEB OF SCIENCE](#)



Authors: Ladislav Főző; V. Gaspar; L. Madarasz; ... I. Glodova; see more
Published: Nov 2013 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)
DOI: 10.1109/CINTI.2013.6705167

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Expansion of working envelope of a small turbojet engine MPM-20 [WEB OF SCIENCE](#)



Authors: Ladislav Főző; L. Madarasz; R. Andoga; ... V. Gaspar; see more
Published: Nov 2012 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)
DOI: 10.1109/CINTI.2012.6496778

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Authors: Ladislav Főző; R. Andoga; L. Fozo; ... J. Judicák; see more
Published: Jan 2010 in IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI)
DOI: 10.1109/SAMI.2010.5423749

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Digital control system for MPM 20 engine [WEB OF SCIENCE](#)



Authors: Ladislav Főző
Published: 2007 in ICC 2007: 5TH IEEE INTERNATIONAL CONFERENCE ON COMPUTATIONAL CYBERNETICS,
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Self-Adaptation of a Heterogeneous Swarm of Mobile Robots to a Covered Area [WEB OF SCIENCE](#)



Authors: Zelenka, Jan; Kasanicky, Tomas; Bundzel, Marek; Andoga, Rudolf
Published: May 2020 in Applied Sciences
DOI: 10.3390/APPS10103562

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Virtual Design of Advanced Control Algorithms for Small Turbojet Engines [WEB OF SCIENCE](#)



Authors: Fozo, Ladislav; Andoga, Rudolf; Kovacs, Levente; ... Sousek, Radovan; see more
Published: 2019 in Acta Polytechnica Hungarica

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Automatic decision making process in a small unmanned airplane [WEB OF SCIENCE](#)



Authors: Andoga, R.; Schreiner, M.; Moravec, T.; ... Schrotter, M.; see more
Published: Nov 2018 in 16TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND
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DOI: 10.1109/CINTI.2018.8928207

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The Evolution of the Aircraft Electric Power Systems



Authors: Schrotter, M.; Schrotter, M.; Breda, R.; ... Fozo, L.; see more
Published: 2018 in IEEE INTERNATIONAL CONFERENCE AND WORKSHOP IN OBUDA ON ELECTRICAL AND POWER ENGINEERING (CANDO-EPE)
DOI: 10.1109/CANDO-EPE.2018.8601156

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Linear Mathematical Model of Single-Spool Micro Turbojet Engine with Fixed Exhaust Nozzle



Authors: Karoly Beneda; Rudolf Andoga; Ladislav Fozo
Published: 2018 in IEEE 16TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI); DEDICATED TO THE MEMORY OF PIONEER OF ROBOTICS ANTAL (TONY) K. BEJCZY
DOI: 10.1109/SAMI.2018.8324848

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Proposal of an Architecture for Remote Monitoring of Systems Using Mobile and Smart Devices



Authors: Vladimir Gaspar; Rudolf Andoga
Published: 2018 in IEEE 16TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI); DEDICATED TO THE MEMORY OF PIONEER OF ROBOTICS ANTAL (TONY) K. BEJCZY
DOI: 10.1109/SAMI.2018.8324835

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Is it Possible to Use the Experimental Identification Based on the Transition Characteristics for Micro Turbo Compressor Engines?



Authors: Savka, Jan; Fozo, Ladislav; Andoga, Rudolf; Ivanics, Nikolas
Published: 2018 in XIII International Scientific Conference - New Trends in Aviation Development (NTAD)
DOI: 10.1109/NTAD.2018.8551655

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Basic Thermal Field Analysis of a Small Turbo-Jet Engine



Authors: Schrotter, M.; Breda, R.; Andoga, R.; ... Schreiner, M.; see more
Published: 2018 in XIII International Scientific Conference - New Trends in Aviation Development (NTAD)
DOI: 10.1109/NTAD.2018.8551643

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Application of forecasting methods in aviation



Authors: Rudolf Andoga
Published: 2016 in Production Management and Engineering Sciences
DOI: 10.1201/B19259-76

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Calculation of flow in the gas turbine and the outlet tract using CFD methods



Authors: Ladislav Főző; R. Kovacs; L. Fozo; R. Andoga
Published: Nov 2015 in IEEE International Symposium on Computational Intelligence and Informatics (CINTI)
DOI: 10.1109/CINTI.2015.7382897

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Application of Neural Networks in Classification of Thermal Images



Authors: Rudolf Andoga
Published: 2015 in TRANSPORT MEANS 2015, PTS I AND II

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Perspectives in evaluating quality of complex technical systems using an information system

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Authors: Ladislav Főző; L. Madárasz; T. Lazar; ... R. Andoga; see more
Published: Oct 2014 in IEEE International Symposium on Intelligent Control (ISIC)
DOI: 10.1109/ISIC.2014.6967644

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Thermal Imaging Analysis of the Exhaust Nozzle with Variable Diameter of the Small Jet Engine MPM-20

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Authors: Adamcik, F., Jr.; Komjaty, M.; Andoga, R.; Breda, R.
Published: 2014 in PROCEEDINGS OF THE 20TH INTERNATIONAL SCIENTIFIC CONFERENCE TRANSPORT MEANS

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Integration architecture design for implementation of a vector magnetometer on board of unmanned vehicle

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Authors: Vaispacher, Tomas; Breda, Robert; Andoga, Rudolf
Published: 2014 in 16TH IEEE INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI)
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Innovative outputs from the Laboratory of Intelligent Control Systems of Aircraft Engines

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Authors: Rudolf Andoga; Ladislav Madárasz; Ladislav Főző; Tobias Lazar
Published: Jan 2013 in IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI)
DOI: 10.1109/SAMI.2013.6480953

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Operational constraints definition of a turbojet engine MPM 20

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Authors: Ladislav Főző; V. Gaspar; L. Madárasz; ... J. Judicák; see more
Published: Jan 2013 in IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI)
DOI: 10.1109/SAMI.2013.6480979

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FADEC control system for MPM 20 engine

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Authors: Ladislav Főző; Rudolf Andoga; Ladislav Fozo; ... Jozef Povazan; see more
Published: Jan 2009 in International Symposium on Applied Machine Intelligence and Informatics
DOI: 10.1109/SAMI.2009.4956618

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Basic approaches to small turbojet engine modeling

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Authors: Ladislav Főző; Rudolf Andoga; Ladislav Fozo; Ladislav Madárasz
Published: Sep 2008 in International Symposium on Intelligent Systems and Informatics
DOI: 10.1109/SISY.2008.4664980

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Approaches in modeling of a small turbojet engine MPM 20

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Authors: Ladislav Főző; Rudolf Andoga; Ladislav Fozo; Ladislav Madárasz
Published: Jan 2008 in International Symposium on Applied Machine Intelligence and Informatics
DOI: 10.1109/SAMI.2008.4469144

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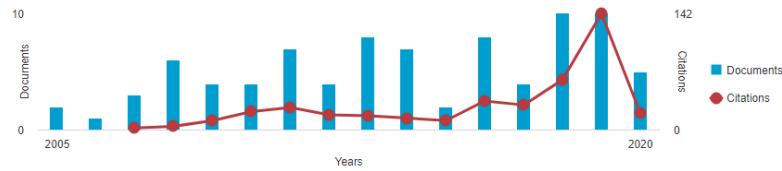
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