

Listă publicații – Conf.dr.ing. Ovidiu Petru STAN

Cărți de autor sau capitole de specialitate la edituri cu ISBN - naționale

Nr.crt.	Autori	Titlu	ISBN	Editura
1	Ovidiu Stan, Szilard Enyedi	Introducere în managementul proiectelor	978-973-662-811-5	U.T.PRESS, 2013
2	Szilard Enyedi, Androniu Iosif Lengyel, Ovidiu Petru Stan, Iulia Adina Stefan	Programare multimedia și design de pagini web	978-973-53-1315-9	Risoprint, 2014
3	Szilard Enyedi, Androniu Iosif Lengyel, Miclea Livu Cristian, Ștefan Adina Iulia, Stan Ovidiu Petru, Vălean Honoriu	Dezvoltarea și testarea aplicațiilor software – Vol1	978-973-53-1319-7	Risoprint, 2014
4	Szilard Enyedi, Androniu Iosif Lengyel, Miclea Livu Cristian, Ștefan Adina Iulia, Stan Ovidiu Petru, Vălean Honoriu	Dezvoltarea și testarea aplicațiilor software – Vol2	978-973-53-1324-1	Risoprint, 2014
5	Iulia Clitan, Flavia Jascu, Vlad Muresan, Ovidiu Stan	Manualul profesorului pentru proiectarea cursurilor de antreprenoriat inclusiv în învățământul superior	978-606-737-591-6	UTPRESS, 2022
6	Dan Gota, Alexandra Fanca, Adela Pop, Ovidiu Stan , Honoriu Valean	Programarea orientată pe obiecte în limbajul C#	978-973-53-2915-0	Risoprint, 2022
7	Ovidiu Stan , Szilard Enyedi, Marius Misaros, Liviu Miclea	Introducere în dependabilitatea sistemelor - Vol1	978-606-737-597-8	UTPRESS, 2022
8	Ovidiu Stan	Din sala de curs la o carieră de succes: o privire corespunzătoare asupra relației dintre educația furnizată de Universitatea Tehnică din Cluj Napoca și ocuparea forței de muncă	978-606-737-611-1	UTPRESS, 2022
9	Ovidiu Stan , Vlad Burnete, Stefan Cirstea, Denisa Stet	Tendințe și evoluții emergente în universitățile tehnice	978-606-737-615-9	UTPRESS, 2022

Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI

Nr	Articol	ISSN / ISBN	WOS	Revistă / conferință	Tip
1	Alexandru Ciobotaru, Dan Ioan Gota, Adela Puscasiu, Ovidiu Stan , Alexandra Fanca, Claudiu Domnuta, Honoriu Valean, Liviu Miclea, <i>Deep Neural Networks and Computer Vision for Real-Time Facial Landmark Detection</i> , INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND ENERGY TECHNOLOGIES (ICECET 2021), Cape Town, SOUTH AFRICA	978-1-6654-4231-2	WOS:000814669100072	Conferință	
2	S.C. Christian, D. Gota, A. Fanca, A. Pop-Puscasiu, O. Stan , H. Valean, L. Miclea, <i>Hand Gesture Recognition and Infrared Information System</i> , 2022 23RD International Carpathian Control Conference (ICCC), Sinaia, Romania, 2022	978-1-6654-6636-3	WOS:000925203600020	Conferință	
3	D. Gota, C. Domnuta, A. Fanca, A. Pop-Puscasiu, O. Stan , H. Valean, L. Miclea, <i>Multi-Channel Chatbot and Robotic Process Automation</i> , Proceedings of 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2022), Cluj Napoca, Romania, 2022	978-1-6654-7933-2	WOS:000890261900048	Conferință	
4	D. Gota, R. Miron-Onciu, C. Domnuta, A. Fanca, A. Pop-Puscasiu, O. Stan , H. Valean, L. Miclea, <i>Gaze Analysis and Concentration Monitoring for Children With Attention Disorder Using Eye-Tracking</i> , Proceedings of 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2022), Cluj Napoca, Romania, 2022	978-1-6654-7933-2	WOS:000890261900049	Conferință	
5	I Donca, O. Stan , L. Miclea, <i>A Performance Evaluation of Modern Virtualization Techniques</i> , Proceedings of 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2022), Cluj Napoca, Romania, 2022	978-1-6654-7933-2	WOS:000890261900005	Conferință	

6	B. G. Draghici, A. E. Dobre, M. Misaros, O. P. Stan , <i>Development of a Human Service Robot Application Using Pepper Robot as a Museum Guide</i> , Proceedings of 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2022), Cluj Napoca, Romania, 2022	978-1-6654-7933-2	WOS:000890261900022	Conferință	
7	B. G. Draghici, A. E. Dobre, M. Misaros, O. P. Stan , L. -C. Miclea, <i>From Pepper's Photographic Lessons to Appointment Application</i> , 2022 26th International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2022, pp. 312-317	978-1-6654-6746-9	WOS:000889980600053	Conferință	
8	Novac Ovidiu-Constantin, Mihai Cristian Chirodea, Cornelia Mihaela Novac, Nicu Bizon, Mihai Oproescu, Ovidiu Petru Stan , Cornelia Emilia Gordan, <i>Analysis of the Application Efficiency of TensorFlow and PyTorch in Convolutional Neural Network</i> , Sensors 22, no. 22: 8872. https://doi.org/10.3390/s22228872	1424-8220	WOS:000887839500001	Revistă	Q2
9	Donca Ionut-Catalin, Ovidiu Petru Stan , Marius Misaros, Dan Gota, Liviu Miclea, <i>Method for Continuous Integration and Deployment Using a Pipeline Generator for Agile Software Projects</i> , Sensors 22, no. 12: 4637. https://doi.org/10.3390/s22124637	1424-8220	WOS:000817384200001	Revistă	Q2
10	Crisan Diana, Irimia Alexandru, Gota Dan, Miclea Liviu, Puscasiu Adela, Stan Ovidiu , Valean Honoriu, <i>Analyzing Benford's Law's Powerful Applications in Image Forensics</i> , APPLIED SCIENCES-BASEL, Volume 11, Issue 23, 2021	2076-3417	WOS:000735192200001	Revistă	Q2
11	Stan Ovidiu Petru , Enyedi Szilard, Corches Cosmina, Flonta Stelian, Stefan Iulia, Gota Dan, Miclea Liviu, <i>Method to Increase Dependability in a Cloud-Fog-Edge Environment</i> , Sensors, Volume 21, Issue 14, 2021	1424-8220	WOS:000677072900001	Revistă	Q1
12	Cristina-Maria Stancioi, Marius Fisca, Ovidiu Petru Stan , Marius Misaros, Iulia Clitan, Mihai Abrudean, Vlad Muresan, Mihaela-Ligia Unguresan, <i>Developing an application based on the interaction between humans and</i>	978-1-6654-4995-3	WOS:000855847300045	Conferință	

	<i>the Pepper robot</i> , 2021 16th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2021, pp. 1-4				
13	G. Flutur, B. Movileanu, L. Károly, I. Danci, D. Cosovanu, O. P. Stan , <i>Smart Chair System for Posture Correction</i> , 2019 22nd Euromicro Conference on Digital System Design (DSD), Kallithea, Greece, 2019, pp. 436-441	978-1-7281-2861-0	WOS:000722275400060	Conferință	
14	Patel Harshita, Rajput Dharmendra Singh, Stan Ovidiu Petru , Miclea Liviu Cristian, <i>A New Fuzzy Adaptive Algorithm to Classify Imbalanced Data</i> , CMC-COMPUTERS MATERIALS & CONTINUA, Volume 70, Issue 1, Page 73-89, 2022	1546-2218	WOS:000694720100005	Revistă	Q2
15	Cosmina Corches, Mihai Daraban, Ovidiu Stan , Szilárd Enyedi, Liviu Miclea, <i>Interconnection of Systems with Cloud-Fog-Edge architectures: Concept and Challenges</i> , CONTROL ENGINEERING AND APPLIED INFORMATICS, Volume 23, Issue 1, Page 60-71, 2021	1454-8658	WOS:000634893300007	Revistă	Q4
16	Olimpia Bunta, Mihaela-Ligia Ungureșan, Vlad Mureșan, Ovidiu Stan , <i>Modeling and Simulation of Pressure, temperature and Concentration for Thermal Explosions</i> , STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, Volume 66, Issue 1, Page 89-104, 2021	1224-7154	WOS:000637282000008	Revistă	Q4
17	C. Corches; I. C. Donca; O. Stan ; L. Miclea; M. Daraban, <i>Analyzing the RFID Failure Impact on Availability of IoT Services</i> , 2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME), Pitesti, Romania, 2020, pp. 163-168	2641-287X	WOS:000651085100033	Conferință	
18	C. Avram, O. Stan , C. Domuta, V. Muresan, C. Racasan, V. Sita, A. Astilean, <i>Scheduling Method for Non-Emergency Medical Cases</i> , 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6	1844-7872	WOS:000643732600028	Conferință	
19	I. Donca, C. Corches, O. Stan , L. Miclea, <i>Autoscaled RabbitMQ</i>	1844-7872	WOS:000643732600076	Conferință	

	<i>Kubernetes Cluster on single-board computers</i> , 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6				
20	R. Roxana, P. Alexandra, T. Bianca, S. Ovidiu , <i>Computer Aided Differential Diagnosis System for Lung Tumor based on Transthoracic Ultrasound image processing and neural networks</i> , 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6	1844-7872	WOS:000643732600021	Conferință	
21	B. Todorean, R. Rusu-Both, O. Stan , <i>Guidance and safety systems for mobile robots</i> , 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6	1844-7872	WOS:000643732600079	Conferință	
22	Lengyel Károly, Ovidiu Stan , Liviu Miclea, <i>Seismic Model Parameter Optimization for Building Structures</i> , Sensors 2020, 20(7), 1980	ISSN:1424-8220	DOI:10.3390/s20071980	Revistă	Q1
23	Ionescu Laura, Ursache Lacramioara, Nicolae Adelina, Conea Adriana, Potora Cristian, Stan Ovidiu , Lotrean Lucia Maria, <i>Health education for deaf Romanian children: parents' opinions</i> , Health Education, Vol. 119, Issue: 5/6, Pages: 341-349, Iulie 5, 2019	ISSN: 0965-4283	WOS:000496016500002	Revistă	-
24	C. Corches, O. Stan , L. Miclea, M. Daraban, <i>Embedded RTOS for a Smart RFID Reader</i> , 2019 IEEE 25th International Symposium for Design and Technology in Electronic Packaging (SIITME), Cluj-Napoca, Romania, 2019, pp. 220-223	978-1-7281-3330-0	WOS:000564733700044	Conferință	-
25	Alexandru Pop, Ovidiu Stan , <i>Control a 6DOF Anthropomorphic Robotic Structure with Computer Vision as MEMS Input</i> , Proceedings of 22 nd International Conference on Control Systems and Computer Science (CSCS), Bucharest, România, Pages: 700-706, Mai 28-30, 2019	ISSN: 2379-0474	WOS:000491270300118	Conferință	-
26	Vlad Bucur, Ovidiu Stan , Liviu Miclea, <i>Data Loss Prevention and Data Protection in Cloud Environments based on Authentication Tokens</i> ,	ISSN: 2379-0474	WOS:000491270300121	Conferință	-

	Proceedings of 22 nd International Conference on Control Systems and Computer Science (CSCS), Bucharest, România, Pages: 720-725, Mai 28-30, 2019				
27	O.P. Stan , L. Miclea, <i>New Era for Technology in Healthcare Powered by GDPR and Blockchain</i> , Proceedings of 6 th International Conference on Advancements of Medicine and Health Care through Technology (MediTech), Pages 311-317, Cluj Napoca, România, Oct 17-20, 2018	ISSN: 1680-0737	WOS:000493501100049	Conferință	-
28	V. Muresan, NM Roman, T. Colosi, M. Abrudean, OP Stan , O Bunta, <i>Numerical Simulation of the Temperature Propagation in Superposed Biological Media, with Applications in Dental Treatment</i> , Proceedings of 6 th International Conference on Advancements of Medicine and Health Care through Technology (MediTech), Pages 123-130, Cluj Napoca, România, Oct 17-20, 2018	ISSN: 1680-0737	WOS:000493501100020	Conferință	-
29	Lucia Maria Lotrean, Ovidiu Stan , Codruta Lencu, Valeria Laza, <i>Dietary patterns, physical activity, body mass index, weight-related behaviours and their interrelationship among Romanian university students-trends from 2003 to 2016</i> , Nutricion Hospitalaria, Vol. 35, Issue: 2, Pages: 375-383, 2018	ISSN: 0212-1611	WOS:000430906500019	Revistă	Q4
30	Pop Alexandru, Manea Andrei, Sabău Cristina-Mădălina, Ovidiu Stan , <i>Smart environmental monitoring beacon</i> , IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 24-26 May, 2018	ISSN: 1844-7872	WOS:000450065900004	Conferință	-
31	Ovidiu Stan , Liviu Miclea, <i>Local EHR management based on FHIR</i> , IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 24-26 May, 2018	ISSN: 1844-7872	WOS:000450065900022	Conferință	-
32	I. Trifescu, O. Stan , LM Lotrean, Differences regarding health risk behaviours between sport club participants and non-participants among Romanian high school	ISSN: 2069-7597	WOS:000419696200005	Revistă	-

	students, Balneo Research Journal, Volume: 8 Issue: 4 Pages: 220-226, Dec. 2017				
33	Mihaela-Ligia Ungureșan, Vlad Mureșan, Mihail Abrudean, Honoriu Vălean, Iulia Clitan, Cristian Bondici, Adela Pușcașiu, Alexandra Fanca, Ovidiu Stan , <i>Advanced Control of a Hydroelectric Power Plant</i> , 21st International Conference on System Theory, Control and Computing (ICSTCC) Location: Sinaia, ROMANIA Date: OCT 19-21, 2017	ISSN: 2372-1618	WOS:000427419900058	Conferință	-
34	O. Stan , L. Miclea, A. Sarb, <i>Elderly Fall Risk Prediction System</i> , Proceeding of 5th International Conference on Advancements of Medicine and Health Care through Technology (MEDITECH), Pages: 228-231, Cluj Napoca, Romania, Oct. 12-15, 2016	ISSN: 1680-0737	WOS:000426009100049	Conferință	-
35	Lotrean Lucia Maria, Ailoaiei Roxana, Stan Ovidiu , <i>Use of information technology by adolescents and young people and its effect on health promotion</i> , Balneo Research Journal, Vol. 7, Issue: 3, Pages: 76-80, Published: SEP 2016	ISSN: 2069-7597	WOS:000405860400002	Revistă	-
36	FM Gabor-Harosa, OP Stan , L Daina, F Mocean, <i>Proposed model for a Romanian register of chronic diseases in children</i> , Computer Methods and Programs in Biomedicine, Vol. 130, Pages: 198-204, Published: JUL 2016	ISSN: 0169-2607	WOS:000376507300020	Revistă	Q1
37	O. Stan , C. Avram, I. Stefan, A. Astilean, <i>Integrated innovative solutions to improve healthcare scheduling</i> , Proceedings of IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), pp. 1-6, Cluj-Napoca, Romania, 2016,	ISSN: 1844-7872	WOS:000390997900022	Conferință	-
38	Stan Ovidiu , Miclea Liviu, <i>Road traffic safety solution</i> , IEEE 19th International Conference on Automation, Quality and Testing, Robotics (THETA) Location: Cluj Napoca, ROMANIA Date: MAY 22-24, 2014	ISSN: 1844-7872	WOS:000346131600038	Conferință	-
39	Stan Ovidiu , Miclea Liviu, Centea Ana, <i>Eye-gaze tracking method driven by raspberry PI applicable in automotive traffic safety</i> , 2nd	ISBN:978-1-4799-7600-3	WOS:000380431100022	Conferință	-

	International Conference on Artificial Intelligence, Modelling and Simulation (AIMS 2014) Location: Madrid, SPAIN Date: NOV 18-20, 2014				
40	A.T. Popescu, O. Stan , L. Miclea, <i>3D Printing Bone Models Extracted from Medical Imaging Data</i> , IEEE 19th International Conference on Automation, Quality and Testing, Robotics (THETA) Location: Cluj Napoca, ROMANIA Date: MAY 22-24, 2014	ISSN: 1844-7872	WOS:000346131600061	Conferință	-
41	O. Stan , D. Sauciuc, L. Miclea, <i>Electronic healthcare record according to general clinical observation file</i> , 2012 IEEE International Conference on Automation, Quality And Testing, Robotics, Theta 18th Edition, May 24-27, 2012, Cluj Napoca, Romania	ISSN: 1844-7872	WOS:000400227100091	Conferință	-
42	I.D. Păun, D.G. Sauciuc, N.O. Iosif, O. Stan , A. Perșe, C. Dehelean, L. Miclea, <i>Local EHR management based on openEHR and EN13606</i> , Journal of Medical Systems, Volume: 35, Issue: 4, Pages: 585-590 Published: Aug 2011	ISSN: 0148-5598	WOS:000293300600016	Revistă	Q2
43	Stan Ovidiu , Sauciuc Dragos, Liviu Miclea, <i>Medical informatics system for Romanian healthcare system</i> , 3rd International Conference on E-Health and Bioengineering (EHB) Location: Univ Med & Pharm, Iasi, ROMANIA Date: NOV 24-26, 2011	ISSN: 2575-5137	WOS:000304806300101	Conferință	-
44	D. Păun, D. Sauciuc, O. Stan , O. Iosif, C. Dehelean, L. Miclea, <i>Medical information system based on electronic healthcare records</i> , 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), 28-30 May 2010, Cluj-Napoca, Romania	ISSN: 1844-7872	WOS:000419281500080	Conferință	-
45	O. Stan , NO iosif, S. Dehelean, DG Sauciuc, ID Paun, C Dehelean, L Miclea, <i>Developing the DESP system by improving the experimental model</i> , 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), 28-30 May 2010, Cluj-Napoca, Romania	ISSN: 1844-7872	WOS:000419281500075	Conferință	-

A2.2 – Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)

Nr	Articol	DOI
1	Marius Misaroș, Ștefan-Dragoș Cîrstea, Dan-Ioan Goța, Ovidiu-Petru Stan , Cristian-Liviu Miclea, <i>Reliability Assessment for an IoT Device. Use Case: Parkinson's Patient Spoon</i> , International Journal of Modeling and Optimization. vol. 13, no. 1, pp. 24-31, 2023	10.7763/IJMO.2023.V13.820
2	A. Ciobotaru, D. Gota, A. Puscasiu, O. Stan , A. Fanca, C. Domuta, H.Valean, L. Miclea, <i>Demographic Attributes Classification via Convolutional Neural Networks: A Proposed Solution</i> , 2022 International Conference on Electrical, Computer and Energy Technologies (ICECET), Prague, Czech Republic, 2022, pp. 1-6	10.1109/ICECET55527.2022.9872818
3	A.P. Puscasiu, A. Fanca, D. Gota, C. Domuta, H. Valean, O. Stan , L. Miclea, Data transmission and remote control of Android mobile devices, 2021 International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), 2021, pp. 1-6	10.1109/ICECCME52200.2021.9590902
4	Iulia Ștefan, Ovidiu Stan , Liviu Miclea, <i>Towards Automated Web Functional Testing Using Predefined Templates</i> , International Journal of Modeling and Optimization vol. 12, no. 3, pp. 82-86, 2022.	10.7763/IJMO.2022.V13.805
5	I. -C. Donca, O. P. Stan , L. Miclea, <i>Proposed Model for a Microservices Cluster</i> , 2020 21th International Carpathian Control Conference (ICCC), High Tatras, Slovakia, 2020, pp. 1-5	10.1109/ICCC49264.2020.9257217
6	Vlad Bucur, Ovidiu Stan , Liviu Miclea, <i>An Analysis of the Implementation of Kafka in High-Frequency Electronic Trading Environments</i> , International Journal of Modeling and Optimization vol. 10, no. 2, pp. 52-56, 2020.	10.7763/IJMO.2020.V10.746
7	Ovidiu Stan , Andrei Manea, <i>Design and Implement a 6DOF Anthropomorphic Robotic Structure</i> , International Journal of Modeling and Optimization vol. 9, no. 6, pp. 352-356, 2019	10.7763/IJMO.2019.V9.736
8	Stan Ovidiu , Liviu Miclea, <i>Remotely Operated Robot with Live Camera Feed</i> , International Journal of Modeling and Optimization vol. 9, no. 1, pp. 46-50, 2019.	10.7763/IJMO.2019.V9.682
9	Stan Ovidiu , Liviu Miclea, Anca Sarb, <i>Elderly Fall Forecast Based on Adapted Particle Swarm Optimization Algorithm</i> , International Journal of Modeling and Optimization vol. 7, no. 4, pp. 251-255, 2017.	10.7763/IJMO.2017.V7.593
10	FM Gabor-Harosa, G.B. Samasca, O.P. Stan , F. Mocean, <i>The importance of a disease register for the patients with non-celiac gluten sensitivity</i> , International Journal of Celiac Disease, Volume 3, Issue 4, 2015, Pages 136-138	10.12691/ijcd-3-4-2