

## Cărți, monografii, capitole ca autor – internaționale

Nr.	Autori	Titlu capitol/carte, ISBN	Editura
1	Camarchia, V., Lei, Y., <b>Meza</b> , S., O'Droma, M., & Pirola, M.	Memoryless Nonlinear Models, in "RF Power Amplifier Behavioral Modeling", book edited by D Schreurs, M. O'Droma, A. Goacher, M. Gadringer, 2009 ISBN 9780521881739,	Cambridge University Press
2	Bogdan, O., Alin, C., Aurel, V., & S <b>Meza</b>	New Advanced Technologies - Integrated medical system using DICOM and HL7 standards. Edited by Alex Lazinica, Vienna 2010 DOI: 10.5772/227 , ISBN: 978-953-307-067-4	IntechOpen

## Cărți, monografii, capitole ca autor – naționale

Nr.	Autori	Titlu capitol / carte, ISBN	Editura
1	Ș. <b>Meza</b> , Orza Bogdan, A. Ciupe, A. Popa	Platforme pentru eActivități, Editura UTPRESS 2012, Cluj-Napoca, ISBN 978-973-662-772-9	Editura UTPRESS
2	A. Chioreanu, Orza Bogdan, Ș. <b>Meza</b>	Design pentru e-Media, Editura UTPRESS 2013, Cluj-Napoca, ISBN 978-973-662-879-5	Editura UTPRESS
3	S. <b>Meza</b>	Cum sa construiești un produs IT / E-educatie si platforme educationale online, Editura Today Software Magazine 2014, ISBN 978-973-0-17970-5	Today Software Magazine

## Material didactic/lucrări didactice

Nr.	Autori	Titlu capitol / carte, ISBN
1	Ș. <b>Meza</b> , A. Vlaicu, Orza Bogdan, L. Ciascai, L. Grindei, R. Vlaicu	Tehnici si Tehnologii Moderne in Educatie - Materiale Didactice Electronice, Editura UTPRESS 2012, Cluj-Napoca, ISBN 978-973-662-693-7 (echipa coordonare)
2	Ș. <b>Meza</b> , A. Vlaicu, Orza Bogdan, L. Grindei, R. Terebeș	Utilizarea TIC in Procesul Educational. Distribuirea si Accesarea Materialelor Online. Blended & e-Learning, Editura UTPRESS 2012, Cluj-Napoca, ISBN 978-973-662-694-4 (echipa coordonare)
3	Ș. <b>Meza</b> , A. Vlaicu, Orza Bogdan, L. Grindei, R. Vlaicu	Proiectarea si Dezvoltarea Cursurilor si Materialelor Educationale pentru Stiintele Ingineresti Utilizand Tehnici si Tehnologii Moderne (TIC), Editura UTPRESS 2012, Cluj-Napoca, ISBN 978-973-662-695-1 (echipa coordonare)
4	Ș. <b>Meza</b> , A. Vlaicu, Orza Bogdan, L. Ciascai, L. Grindei	Proiectarea si Dezvoltarea Materialelor pentru Aplicatii Educationale in Domeniul Stiintelor Ingineresti, Editura UTPRESS 2012, Cluj-Napoca, ISBN 978-973-662-722-4 (echipa coordonare)
5	Orza Bogdan, Ș. <b>Meza</b>	Introducere practica in tehnologiile sistemelor video si de televiziune, 3 volume – Tutorial, Ghidul Studentului, Ghidul Tutorelui, Editura UTPRESS 2012, Cluj-Napoca, ISBN 978-973-662-758-3, 978-973-662-760-6, 978-973-662-759-0
6	M. Alexandru; C. Butnaru; M. Romanca; S N <b>Meza</b> ;	Dezvoltarea carierei universitare in domeniul tehnic. Editura UTPRESS, Cluj-Napoca, ISBN 978-973-662-820-7
7	D. Andone; C. Holotescu; B Orza; S. <b>Meza</b>	Tehnologii și instrumente avansate de comunicare TIC în procesul educațional : planul de carieră a cadrului didactic. Editura UTPRESS, Cluj-Napoca, ISBN 978-973-662-860-3

## Articole in reviste cotate ISI si la manifestări indexate ISI

Nr.	Autori	Titlu lucrare / revista (conferinta)
1	Gordan, M., Popa, C., Nagy, G., <b>Meza</b> , S., Vlaicu, A., & Mircea, P.	Bayesian segmentation of hepatic biopsy color images in the JPEG compressed domain. In: Proceedings of 8th Conference on Signal Processing Computational Geometry and Artificial Vision (ISCGAV). 2008. p. 140-145.
2	<b>Meza</b> , S., O'Droma, M., Lei, Y., & Goacher, A.	Some new memoryless behavioural models of wireless transmitter solid state power amplifiers. In: 2008 IEEE International Conference on Automation, Quality and Testing, Robotics. IEEE, 2008. p. 96-98.
3	O'droma, M., <b>Meza</b> , S., & Lei, Y.	New modified Saleh models for memoryless nonlinear power amplifier behavioural modelling. IEEE Communications Letters, 2009, 13.6: 399-401.
4	<b>Meza</b> , Serban-Nicolae; VLAICU, Aureli; ORZA, Bogdan.	Bridging the gap between video data acquisition, compression and transmission under emerging technologies and scenarios. In: 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR). IEEE, 2010. p. 1-6.
5	<b>Meza</b> , S. N., Damstra, K. J., Rooy, J. V., & Persa, S.	Embedded real-time look-up table processing for high definition video signals. In: 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR). IEEE, 2010. p. 1-4.
6	Cociorva, S. N., <b>Meza</b> , S. N., & Meza, R. M.	Information, information quantum, knowledge. In: 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR). IEEE, 2010.
7	Dachin, T. E., <b>Meza</b> , S., Nemes, C. M., Voda, A., & Badila, F.	BLDC motor sinus driving techniques and electrical resistance evaluation. In: Proceedings of 2012 IEEE International Conference on Automation, Quality and Testing, Robotics. IEEE, 2012. p. 327-331.
8	<b>Meza</b> , S. N.; Orza, B.; Vlaicu, A.	Higher Education Teacher Training and Lifelong Learning in the Emerging Social Media Driven Society. International Conference on Social Media in Academia - Research and Teaching (SMART) - 2014
9	Ciupe, A.; <b>Meza</b> , S; Vlaicu, A	DidaTec LMS as a Framework for Task Assignment Through Blended Learning Techniques. International Conference on Social Media in Academia - Research and Teaching (SMART) - 2014
10	Gordan, M., <b>Meza</b> , S., Cislariu, M., Orza, B., Vlaicu, A., Capatina, D., & Stoian, I.	A fuzzy logic approach for the fast approximate computation of image transforms from block JPEG DCT coefficients. In: 2016 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR). IEEE, 2016. p. 1-6.
11	Ciupe, A., <b>Meza</b> , S., & Orza, B.	Heuristic optimization for the resource constrained Project Scheduling Problem: A systematic mapping. In: 2016 Federated Conference on Computer Science and Information Systems (FedCSIS). IEEE, 2016. p. 619-626.
12	Stan, A., Dinescu, F., Țiple, C., <b>Meza</b> , Ș., Orza, B., Chirilă, M., & Giurgiu, M.	The SWARA speech corpus: A large parallel Romanian read speech dataset. In: 2017 International Conference on Speech Technology and Human-Computer Dialogue (SpeD). IEEE, 2017. p. 1-6.
13	Șendruț, B., Ciupe, A., Orza, B., & <b>Meza</b> , Ș.	A compact robotic head for automatic acquisition of indoor panoramic images. In: 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP). IEEE, 2017. p. 791-796.
14	Muresan, A. A., Ciupe, A., <b>Meza</b> , S., & Orza, B.	3D configurator for portrait lighting simulations. In: 2017 XXVI International Conference on Information, Communication and Automation Technologies (ICAT). IEEE, 2017. p. 1-4.
15	Moldovan, R., Orza, B., Porumb, C., & <b>Meza</b> , S.	Blended Assessment Concepts for Formal and Informal Engineering Education. In: 2017 IEEE 17th International Conference on Advanced Learning Technologies (ICALT). IEEE, 2017. p. 248-250.
16	Malinchi, C., Ciupe, A.,	A Mobile Exploration Solution for Virtual Libraries in Higher Education.

	<b>Meza</b> , S., & Orza, B.	In: 2017 IEEE 17th International Conference on Advanced Learning Technologies (ICALT). IEEE, 2017. p. 490-492.
17	Ciupe, A., <b>Meza</b> , S., Ionescu, R., & Orza, B.	Practical agile in higher education: A systematic mapping study. In: 2017 XXVI International Conference on Information, Communication and Automation Technologies (ICAT). IEEE, 2017. p. 1-6.
18	Bacea, I. M., Ciupe, A., & <b>Meza</b> , S. N.	Interactive Kanban—Blending digital and physical resources for collaborative project based learning. In: 2017 IEEE 17th International Conference on Advanced Learning Technologies (ICALT). IEEE, 2017. p. 210-211.
19	Salomia, A., Ciupe, A., <b>Meza</b> , S., Orza, B., & Trifan, G.	Assistive AR technology for hearing impairments in driving lessons. In: 2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR). IEEE, 2018. p. 1-6.
20	Pasca, A., Ciupe, A., <b>Meza</b> , S., & Orza, B.	Acquisition Modeling for Optimal Indoor Panoramic Imagery. In: 2018 International Symposium on Electronics and Telecommunications (ISETC). IEEE, 2018. p. 1-4.
21	Diop, A. K., <b>Meza</b> , S., Gordan, M., & Vlaicu, A.	LDA based classification of video surveillance sequences using motion information. In: 2018 20th International Conference on Advanced Communication Technology (ICACT). IEEE, 2018. p. 499-502.
22	Ciupe, A., Ionescu, R., <b>Meza</b> , S., & Orza, B.	Towards Agile Integration within Higher Education: A Systematic Assessment. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 2018, 9.3: 69-87.
23	Stroe, I. P., Ciupe, A., <b>Meza</b> , S. N., & Orza, B.	FireEscape: a Gamified Coordinative Approach to Multiplayer Fire-Safety Training. In: 2019 IEEE Global Engineering Education Conference (EDUCON). IEEE, 2019. p. 1316-1323.
24	Miclea, A. V., Borda, M., Terebes, R., & <b>Meza</b> , S.	Hyperspectral Image Enhancement using Diffusion and Shock Filtering Techniques. In: 2019 E-Health and Bioengineering Conference (EHB). IEEE, 2019. p. 1-6.
25	Meza, R. M., & <b>Meza</b> , Ș. N.	A Triadic Formal Concept Analysis Approach to Analyzing Online Hate Speech in Facebook Comments. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 2019, 10.1: 73-81.
26	Ciupe, A., Mititica, D. F., <b>Meza</b> , S., & Orza, B.	Learning Agile with Intelligent Conversational Agents. In: 2019 IEEE Global Engineering Education Conference (EDUCON). IEEE, 2019. p. 1100-1107.
27	Barburiceanu, S. R., <b>Meza</b> , S., Germain, C., & Terebes, R.	An Improved Feature Extraction Method for Texture Classification with Increased Noise Robustness. In: 2019 27th European Signal Processing Conference (EUSIPCO). IEEE, 2019. p. 1-5.
28	Barburiceanu, S., Terebes, R. and <b>Meza</b> , S.	Hyperspectral Image Classification using the MRELBP Texture Descriptor. In: 2019 E-Health and Bioengineering Conference (EHB). IEEE, 2019. p. 1-6.
29	Vajdea, B., Ciupe, A., Orza, B., & <b>Meza</b> , S.	Educational Driving Through Intelligent Traffic Simulation. In: International Conference on Intelligent Tutoring Systems. Springer, Cham, 2020. p. 420-426.
30	Ticala, R., Ciupe, A., <b>Meza</b> , S., & Orza, B.	Augmenting Learning through VR Storytelling. In: 2020 International Symposium on Electronics and Telecommunications (ISETC). IEEE, 2020. p. 1-4.
31	Szilagyi, E., <b>Meza</b> , S., Petreus, D., Patarau, T., & Etz, R.	Application of Ultrasonic Sensors in Mapping Vineyard Parameters. In 2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME 2020) (pp. 150-154). IEEE.
32	Miclea, A. V., Terebes, R., & <b>Meza</b> , S.	One dimensional convolutional neural networks and local binary patterns for hyperspectral image classification. In: 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR). IEEE, 2020. p. 1-6.
33	Miclea, A. V., Terebes, R., & <b>Meza</b> , S.	Local binary patterns and Fourier transform based hyperspectral image classification. In: 2020 International Symposium on Electronics and Telecommunications (ISETC). IEEE, 2020. p. 1-4.
34	Barburiceanu, S., Terebes, R., & <b>Meza</b> , S.	Grape Leaf Disease Classification using LBP-derived Texture Operators and Colour. In: 2020 IEEE International Conference on Automation, Quality and Testing, Robotics

		(AQTR). IEEE, 2020. p. 1-6.
35	Barburiceanu, S., Terebes, R., & Meza, S.	3D Texture Feature Extraction and Classification using the BM3DELBP approach. In 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP) (pp. 465-471). IEEE.
36	Barburiceanu, S., Terebes, R., & Meza, S.	Improved 3D Co-Occurrence Matrix for Texture Description and Classification. In: 2020 International Symposium on Electronics and Telecommunications (ISETC). IEEE, 2020. p. 1-4.
37	Ciupe, A., Meza, S., & Orza, B.	Systematic Assessment of Interactive Instructional Technologies in Higher Engineering Education. In: Educating Engineers for Future Industrial Revolutions: Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020), Volume 1 23. Springer International Pub, 2021. p. 797-804.
38	Lupascu, A. G., Ciupe, A., Meza, S., & Orza, B	ARThings—enhancing the visitors' experience in museums through collaborative AR." 2021 IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW). IEEE, 2021.
39	Barburiceanu, S., Meza, S., Orza, B., Malutan, R., & Terebes, R	Convolutional Neural Networks for Texture Feature Extraction. Applications to Leaf Disease Classification in Precision Agriculture. IEEE Access (2021).
40	Barburiceanu, S., Terebes, R., & Meza, S.	3D Texture Feature Extraction and Classification Using GLCM and LBP-Based Descriptors. Applied Sciences, 2021, 11.5: 2332.
41	Miclea, A.V., Terebes, R.M., Meza, S., Cislariu, M.	On Spectral-Spatial Classification of Hyperspectral Images Using Image Denoising and Enhancement Techniques, Wavelet Transforms and Controlled Data Set Partitioning. Remote Sensing 14.6 (2022): 1475.

## Articole in reviste cotate Q1 sau Q2

Nr.	Autori	Titlu lucrare / revista (conferinta)
1	O'droma, M., Meza, S., & Lei, Y.	New modified Saleh models for memoryless nonlinear power amplifier behavioural modelling. IEEE Communications Letters, 2009, 13.6: 399-401.
2	Barburiceanu, S., Meza, S., Orza, B., Malutan, R., & Terebes, R	Convolutional Neural Networks for Texture Feature Extraction. Applications to Leaf Disease Classification in Precision Agriculture. IEEE Access (2021).
3	Barburiceanu, S., Terebes, R., & Meza, S.	3D Texture Feature Extraction and Classification Using GLCM and LBP-Based Descriptors. Applied Sciences, 2021, 11.5: 2332.
4	Miclea, A.V., Terebes, R.M., Meza, S., Cislariu, M.	On Spectral-Spatial Classification of Hyperspectral Images Using Image Denoising and Enhancement Techniques, Wavelet Transforms and Controlled Data Set Partitioning. Remote Sensing 14.6 (2022): 1475.

## Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)
1	Orza, B., Cordos, A., Vlaicu, A., <b>Meza</b> , S., & Petrovan, B.	An integrated eHealth system using medical information standards. In: Proceedings of the 14th WSEAS international conference on computers: part of the 14th WSEAS CSCC multiconference. 2010. p. 63-68.
2	Cordos, A., Orza, B., Vlaicu, A., <b>Meza</b> , S., Avram, C., & Petrovan, B.	Hospital Information System using HL7 and DICOM standards. WSEAS Transactions on Information Science and Applications, 2010, 7.10: 1295-1304.
3	Moldovan, R.; Orza, B. ; Mihon, D. ; Porumb, C. ; <b>Meza</b> , S.	External Resource Annotation Framework and its applications in E-learning; INTERACTION DESIGN AND ARCHITECTURES; Issue: 31; Pages: 86-97 ; 2016
4	Grindei, L., Orza, B., Ciupe, A., & <b>Meza</b> , S.	University Learning Management System based on Office 365. In: 2018 17th International Conference on Information Technology Based Higher Education and Training (ITHET). IEEE, 2018. p. 1-6.
5	Grindei, L., Ciupe, A., Orza, B., & <b>Meza</b> , S.	Students' Perception on Integrating Collaborative Tools into Electrical Engineering Education. In 2021 9th International Conference on Modern Power Systems (MPS) (pp. 1-4). IEEE.