

Listă de lucrări Conf. dr.ing. Munteanu Adriana

Categorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției
A1.1. Carti/manuale /monografii/ capitole în cărți de specialitate	A1.1.1	Slătineanu, L., Nagit Gh., Dodun O., Coteață, M., Munteanu A. , Besliu-Bancescu I., Gherman L., Hrituc A., Chimesta F., Goncales-Coelho A., Teixeira J.P., San Juan M., Santo L., Santos F. <i>Non-traditional Manufacturing Processes</i> Editura Tehnica-Info, Chisinau, 2020, ISBN 978-9975-63-454-0, 406 pag.
	A1.1.2	Cătălin Gabriel Dumitraș, Mihalță Horodincă, Adriana Munteanu , Florin Chifan, Dragoș-Florin Chitariu, George-Gabriel Chiriac, Chapter " <i>Vibration in Metal Cutting Process</i> ", Open Access book " <i>Vibration Engineering - Analysis, Control, and Utilization</i> ", Februaire 2025, https://www.intechopen.com/series
	A1.1.3	Munteanu Adriana , Cioata Florentin, <i>Sisteme de tolerante in constructia de masini</i> , Editura Performantica, 281 pag, 2025
	A1.1.4	Munteanu Adriana , Calitatea in sisteme de fabricație, Editura Performantica, 2025, 241pag
	A1.1.5	Chitariu Dragos, Munteanu Adriana , Ciobanu Bogdan, Boca Mihai, Catalin Andrei Tugui, <i>Antreprenoriat inovativ</i> , seria Antreprenoriat pentru ingineri si arhitecti, 2022 Editura Performantica, Iasi, 160 pag
	A1.1.6	Adriana Munteanu , Florentin Cioata, <i>Aparate și sisteme moderne de măsurare</i> , Iasi, 178 pagini, Editura Performantica, 2017, ISBN 978-606-685-548-8
	A1.1.7	Slătineanu, L., Coteață, M., Munteanu, A. , Anton, D.A., Apetrei, L., Iosub, A., Ilie, S.-M., Tanasă, R., Carp, I. <i>Microfabricația prin metode neconvenționale</i> . Iași, 249 pagini, Editura Cermi, 2008. ISBN 978-973-667-231-6,
A1.2 Suporturi de curs/indrumare	A1.2.1	Romanescu Iulian, Adriana Munteanu , Ana Maria Bocanet, <i>Bazele aşchierii, Indrumar de laborator</i> , Editura Tehnopress, Iasi, ISBN 978-606-687-266-9, 181 pagini, 2016
	A1.2.2	Cioată Florentin, Munteanu Adriana , <i>Suport curs la disciplina Toleranțe și Tolerante si control dimensional- training</i> , format electronic 272 pag, 2023
	A1.2.3	Cioată Florentin, Munteanu Adriana , Păduraru Emilian, <i>Laboratoare TCD- Fac. CMMI</i> , în format digital pdf/ 211 pag, 2020.; https://cmmi.tuiasi.ro/studenti/cursuri/
	A1.2.4	Cioată Florentin, Munteanu Adriana , <i>Toleranțe Și Control Dimensional. Suport de curs</i> ; în format digital pdf/ 276 pag, 2020 ; https://cmmi.tuiasi.ro/studenti/cursuri/
	A1.2.5	Cioată Florentin, Munteanu Adrian , Păduraru Emilian, <i>Tolerances and dimensional control. Laboratory works for foreigner students. format electronic</i> , pdf/ 152 pag.), 2020. https://cmmi.tuiasi.ro/studenti/cursuri/ -
	A1.2.4	Cioată Florentin, Munteanu Adriana , <i>Laboratoare TCD- Fac. Mecanica</i> , în format digital pdf/ 72 pag, 2019; https://cmmi.tuiasi.ro/studenti/cursuri/
	A1.2.6	Munteanu Adriana , <i>Aparate și sisteme de măsurare</i> - suport curs, 203 pagini format A4 , disponibil la: http://www.didatec.ro/AllCourses.aspx?Paged=TRUE&p_Created=20131127+17%3a08%3a47&p_ID=1338&PageFirstRow=101&&View=%7b3AFF0EBA-569B-4AD5-8C62-B9A626A9CE1B%7d sau http://cmmi.tuiasi.ro/studen%C8%9Bi/cursuri/ , 2013
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	A1.2.8	Munteanu Adriana , <i>Suport curs la disciplina Metrologia structurilor mecanice</i> , format electronic, pdf/ 107 pag format A4, 2020
	A1.2.9	Munteanu Adriana , <i>Lucrari de laborator la disciplina Metrologia structurilor mecanice</i> , format electronic, pdf/ 10 lucrari, 80 pag format A4, 2020
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	A1.2.12	Munteanu Adriana , Suport de curs (in format electronic), la disciplina <i>Echipamente tehnologice de control în mecanică fină</i> , 96 pagini format A4, http://cmmi.tuiasi.ro/studen%C8%9Bi/cursuri/ , 2016
	A1.2.13	Cioata Florentin, Munteanu Adriana , <i>Determinarea erorii limită de măsurare a dispozitivelor tehnologice de control, suport proiect ETC</i> , (53 pagini format A4), disponibil la: http://cmmi.tuiasi.ro/studen%C8%9Bi/cursuri/ , 2014.
	A1.2.14	Cioată Florentin, Munteanu Adriana , Păduraru Emilian, <i>PROIECT DE AN la disciplina Echipamente tehnologice de control în mecanica fină Studiu de caz nr. 1</i> , 2020, 39 pag, https://cmmi.tuiasi.ro/studenti/cursuri/
	A1.2.15	Munteanu Adriana , Suport curs la disciplina <i>Managementul calitatii 1</i> , format electronic, 220 pag, format A4 2024
	A1.2.16	Munteanu Adriana , Cioata Florentin, <i>Control dimensional Studiu de caz – ETC</i> , Iași, 2017, 43 pag Format A4, https://cmmi.tuiasi.ro/studenti/cursuri/
2.1. Articole indexate în reviste ISI Thomson Reuters și în volume unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baze de date	A2.1.1	Adriana Munteanu , Mihaita Horodincea, Neculai-Eduard Bumbu, Catalin Gabriel Dumitras, Dragos-Florin Chitariu, Constantin-Gheorghe Mihai, Mohammed Khdaier, Lucian Oancea, <i>A Signal Pattern Extraction Method Useful for Monitoring the Condition of Actuated Mechanical Systems Operating in Steady State Regimes</i> , Sensors 2025, 25(4), 1119; https://doi.org/10.3390/s25041119 Published: 12 February 2025, Indexata Web of Science/ Clarivate Analytics , WOS:001431803400001.
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	A2.1.3	Horodincea Mihăiță, Chifan Florin, Paduraru Emilian, Dumitras Cătălin Gabriel, Munteanu Adriana , Chitariu Dragoș Florin, <i>A Study of 2D Roughness Periodical Profiles on a Flat Surface Generated by Milling with a Ball Nose End Mill</i> , MATERIALS, Volume17, Issue 6, 2024, DOI10.3390/ma17061425, Indexata Web of Science/ Clarivate Analytics , WOS:001192596900001 .
	A2.1.4	Horodincea Mihăiță, Bumbu NE., Chitariu Dragoș Florin, Munteanu Adriana , Dumitras Cătălin Gabriel, Negoescu Florin, Mihai Constantin, <i>On the Behaviour of an AC Induction Motor as Sensor for Condition Monitoring of Driven Rotary Machines</i> , SENSORS, Volume23, Issue1, 2023, DOI10.3390/s23010488, Indexata Web of Science/ Clarivate Analytics , WOS:000910191000001.
	A2.1.5	Ionel Iulian Hurja, Paul Bârsănescu, Adriana Munteanu , Andrei-Marius, Mihalache, Adelina Hrițuc, Dragoș Cristian Achiței, Laurențiu Slătineanu, <i>Highlighting The Presence Of Residual Stresses in Ring-Shaped Metallic Test Samples</i> , TECHNICAL UNIVERSITY OF CLUJ-NAPOCA ACTA TECHNICA NAPOCENSIS, Series: Applied Mathematics, Mechanics, and Engineering Vol. 65, Issue Special IV, December, 2022, Indexata Web of Science/ Clarivate Analytics , WOS:000969679100028.
	A2.1.6	Laurențiu Slătineanu, Margareta Coteață, Oana Dodun, Florentin Cioată, Adriana Munteanu , Adelina Hrițuc, Gheorghe Nagît, Andrei Mihalache <i>Ergonomic Approach to Teaching Online Activity Using Principles of Axiomatic Design</i> , ACTA TECHNICA NAPOCENSIS, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 65, Issue 3, pag 843-845, Special SI, 2022, Indexata Web of Science/ Clarivate Analytics , WOS:000953026700038
	A2.1.7	Radulescu Bruno, Mihalache Andrei Marius, Hrituc Adelina, Radulescu Mara, Slatineanu Laurențiu, Munteanu Adriana , Dodun Oana, Nagît Gheorghe, <i>Thermal Expansion of Plastics Used for 3D Printing</i> , Polymers, Volum14, Tom 15, nr. 3061, DOI 10.3390/polym14153061, 2022. Indexata Web of Science/ Clarivate Analytics , WOS:000838950000001.
	A2.1.8	Munteanu Adriana , Chitariu Dragos-Florin, Horodincea Mihaita, Dumitras Catalin-Gabriel, Negoescu Florin, Savin Anatolie, Chifan, Florin <i>A Study on the Errors of 2D Circular</i>

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		<i>Trajectories Generated on a 3D Printer</i> , Volum 1, Issue24, DOI10.3390/app112411695, 2021, APPLIED SCIENCES-BASEL, Indexata Web of Science/ Clarivate Analytics , WOS:000743050700001.
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	A2.1.10	Nica Irina, Stoleriu Simona, Pancu Galina, Munteanu Adriana , Topoliceanu Claudiu, Iovan Alexandru, Dimbu Emilia, Andrian Sorin, <i>Comparative Study Regarding the Surface Roughness of Highly Viscous Flowable Composites After Immersion in Acidic Drinks</i> , Revista de Chimie, 2019-07-15, Volum 70, nr.6, pag 2010-2014, 2019, Indexata Web of Science/ Clarivate Analytics , WOS:000475860100025.
	A2.1.11	Dragos-Florin Chitariu, A. Munteanu , <i>Research on 3D printed fixture components</i> , IManE&E, 31 MAY-JUN 02, 2018, MATEC Web of Conferences, 178, 2018, pp. 2002-2007, Indexata Web of Science/ Clarivate Analytics , WOS:000570197900025.
	A2.1.12	Dragoș-Florin CHITARIU, Adriana MUNTEANU , <i>Software Instrument for Teaching Joint Venture Business Models in Hydraulic Power Field</i> , The 14 th International Scientific Conference eLearning and Software for Education, 2, aprilie 2018, pp. 41-46, Conference proceedings Citation Index – Science (ISI Web of Science data base). Indexata Web of Science/ Clarivate Analytics , WOS:000467466800005.
	A2.1.13	A. Munteanu , Dragos-Florin Chitariu. <i>The neural networks used in FDM printing study</i> , IManE&E, 31 MAY -JUN 02, 2018, MATEC Web of Conferences, 178, 2018, pp. 2007-2013. Indexata Web of Science/ Clarivate Analytics , WOS:000570197900019.
	A2.1.14	Gianina Iovan, Simona Stoleriu, Irina Nica, Sorina Solomon, Adriana Munteanu , Sorin Andrian, <i>Surface characteristics of restorative composite resins after polishing with profine lamineer tips</i> . REVISTA DE MATERIALE PLASTICE, 53/4, 2016, pp. 755-758, http://www.revmaterialeplastice.ro Indexata Web of Science/ Clarivate Analytics , WOS:000395047100039
	A2.1.15	S Stoleriu, S Andrian, G Pancu, I Nica, A Munteanu , A Balan and G Iovan, <i>The effect of erosion and abrasion on surface properties of composite resin</i> , International Conference on Innovative Research 2016 – ICIR Euroinvent 2016 IOP Conf. Series: Materials Science and Engineering 133 012056 doi:10.1088/1757-899X/133/1/012056 (ISI WEB of Science), 2016 Indexata Web of Science/ Clarivate Analytics , WOS:000391140000056
	A2.1.16	A Munteanu , <i>The electron beam welding of dissimilar materials – case study</i> , Innovative Manufacturing Engineering & Energy International Conference, ImanE 2016 September 23-25, 2016 Kallithea Chalkidiki, Greece. ImanEE2016, Indexata Web of Science/ Clarivate Analytics , WOS:000391131300057
	A2.1.17	Munteanu Adriana , Cioata Florentin, <i>Solutions for Measuring the Position Deviation for Internal Keyways –Case Study</i> . Proceedings ImanE 2014, Applied Mechanics and Materials, pp 669-675 (Volume 657), 2014, Indexata Web of Science/ Clarivate Analytics , WOS:000348898000131
	A2.1.18	Iovan Gianina, Stoleriu Simona, Nica Irina, Solomon Sorina, Munteanu Adriana , Andrian Sorin, <i>Surface Roughness Of Enamel Shades Of Composite Resins After Polishing With Reciprocating Movements</i> , Romanian Journal of Oral Rehabilitation, Vol. 9, No. 2, 2017, ISI Web of Science data base. WOS:000407692800006
	A2.1.19	Munteanu Adriana , Florentin Cioata, Paduraru Emilian, <i>Portable selfcentred device with calibrated rollers</i> , MATEC Web of Conferences 112, 01001 (2017), 21st Innovative Manufacturing Engineering & Energy International Conference – IManE&E 2017, Web of Science/ Clarivate Analytics , WOS:000579349600001
	A2.1.20	Munteanu Adriana , Ilii Sanda Maria, <i>Aspects Concerning Knowledge Management In Case Of Electron Beam Process</i> , 14th International Conference on Modern Technologies, Quality and Innovation (ModTech 2010), 2010, MODTECH 2010: NEW FACE OF TMCR, PROCEEDINGS, pp.411-414, Indexata Web of Science/ Clarivate Analytics , WOS:000282604000100

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	A.2.1.21	Coteata Margareta, Ciofu Ciprian, Slatineanu Laurențiu, Munteanu Adriana , Dodun Oana, Establishing the Electrical Discharges Weight In Electrochemical Discharge Drilling, Aug 2009, INTERNATIONAL JOURNAL OF MATERIAL FORMING 2 , pp.673-676, Indexata Web of Science/ Clarivate Analytics , WOS:000208614900167
	A.2.1.22	Munteanu Adriana , Dehelean Dorin, Ilii Sanda Maria, Some phenomena regarding the superficial layer in case of the electron beam process, Apr 2008, INTERNATIONAL JOURNAL OF MATERIAL FORMING 1 , pp.1363-1366, Indexata Web of Science/ Clarivate Analytics , WOS:000208613900340
	A.2.1.23	Adriana Munteanu, Gheorghe Nagit, The influence of the input parameter in case of electron beam welding, 1st International Conference on Manufacturing Engineering, Quality and Production Systems, 2009, ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS, VOL II , pp.484-488, Indexata Web of Science/ Clarivate Analytics , WOS:000295540700044
	A.2.1.24	Coteata Margareta, Slatineanu Laurențiu, Munteanu Adriana , Nastase Eugen SUPPLY SOURCE FOR ELECTROCHEMICAL DISCHARGE DRILLING 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium 2009, ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM 20 , pp.13-14, Indexata Web of Science/ Clarivate Analytics , WOS:000282335600007
	A.2.1.25	Apetrei Lacramioara, Oanca Octavian, Toma Ciprian, Sirbu Alin, Munteanu Adriana , The Influence of Entrance Parameters Above the Aluminium Ultrasonic Welding Resistance, 13th International Conference on Modern Technologies, Quality and Innovation (ModTech 2009), 2009, Proceedings of The 13th International Conference Modern Technologies, Quality and Innovation: MODTECH 2009 - NEW FACE OF TMCR , pp.15-1, Indexata Web of Science/ Clarivate Analytics , WOS:000274641800002
	A.2.1.26	Ilii Sanda Maria, Achitei Dragoș, Munteanu Adriana, Investigation Of The Effects Of Plasma Cutting Parameters On The Roughness Variation Of Some Mild Steel Plates, 13th International Conference on Modern Technologies, Quality and Innovation (ModTech 2009), 2009 Proceedings of The 13th International Conference Modern Technologies, Quality and Innovation: MODTECH 2009 - NEW FACE OF TMCR , pp.315-318, Indexata Web of Science/ Clarivate Analytics , WOS:000274641800077
	A.2.1.27	Munteanu Adriana, Achitei Dragoș, The Microhardness Variation of The Welding Bead in Case of the Electron Beam Welding, 13th International Conference on Modern Technologies, Quality and Innovation (ModTech 2009), 2009, Proceedings of the 13th International Conference Modern Technologies, Quality and Innovation: MODTECH 2009 - NEW FACE OF TMCR , pp.447-450, Indexata Web of Science/ Clarivate Analytics , WOS:000274641800110
	A.2.1.28	Ilii Sanda, Munteanu Adriana, Comparison Between Plasma Arc Cutting and Laser Cutting, 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing, 2008, Annals of DAAAM For 2008 & Proceedings of the 19th International DAAAM Symposium , pp.629-630, Indexata Web of Science/ Clarivate Analytics , WOS:000262860100314
	A.2.1.29	Munteanu, A; Coteata, M and Neagu, D, EMPIRICAL MODELLING OF THE ELECTRON BEAM HARDENING, 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing, 2008, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium , pp.927-928, WOS:000262860100463
2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale	A.2.2.1	Adriana Munteanu , Emilian Păduraru, <i>Method and Device for Angle Control of Conical Shafts</i> , BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași, acceptat spre publicare feb 2025.
	A.2.2.2	Andreea Mădălina Pană, Bruno Rădulescu, Mara Cristina Rădulescu, Adriana Munteanu , Andrei Marius Mihalache, Adelina Hrițuc, Laurențiu Slătineanu, <i>Selecting A Device Solution For Assessing The Circularity Deviation Of A Disc-Type Part</i> , Proceedings in Manufacturing Systems, Volume 19. Issue 1, 2024, 35-42. ISSN 2067-9238, INDEX COPERNICUS
	A.2.2.3	Emilian Păduraru, Adriana Munteanu , Florin Chifan, <i>The Pugh Matrix Application in Case of Robot Grippers</i> , THE XXVIII-th INTERNATIONAL CONFERENCE of INVENTICS "INVENTICA 2024" Proceedings, 978-83-67405-79-9, https://doi.org/10.2478/9788367405799-002 , EBSCO, Google Books, Google Scholar

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	A.2.2.4	Constantin-Gheorghe Mihai, Mohammed Khdair, Adriana Munteanu , Mihaita Horodincă, <i>Converting a Linear Accelerometer Into a Velocity and Displacement Sensor by Means of Indefinite Numerical integration. Experimental Approach</i> , https://doi.org/10.2478/9788367405799-010 , THE XXVIII-th INTERNATIONAL CONFERENCE of INVENTICS "INVENTICA 2024" Proceedings
	A.2.2.5	Dragoș Florin Chitariu, Adriana Munteanu , The Role Of Ai In Mechanical Engineering Design, THE XXVIII-th INTERNATIONAL CONFERENCE of INVENTICS "INVENTICA 2024" Proceedings, https://doi.org/10.2478/9788367405799-013
	A.2.2.6	Munteanu Adriana , <i>Biomimetics In Technical Field – Case Study</i> , THE XXVIII-th INTERNATIONAL CONFERENCE of INVENTICS "INVENTICA 2024" Proceedings, https://doi.org/10.2478/9788367405201-016
	A.2.2.7	Munteanu Adriana , Păduraru Emilian, Cioată Florentin, Ciobanu Maria, <i>Morphological Matrices Application in Case of Location-Positioning Devices with Tilttable Plate</i> , BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași Volumul 69 (73), Numărul 1, 2023 Secția CONSTRUCȚII DE MAȘINI DOI:10.2478/bipcm-2023-0009
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	A.2.2.9	Mihăiță Horodincă, Eduard Neculai Bumbu, Dragoș Florin Chitariu, Adriana Munteanu , Florin Chifan, George Iulian Frigura, <i>A Study Of 2d Profile For A Cycloidal Ring Used In A Cycloidal Reducer</i> , BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași, Volumul 68 (72), Numărul 4, pp 65-84, 2022, Doi:10.2478/Bipcm-2022-0038
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	A.2.2.11	Neculai Eugen Seghedin, Dragoș Florin Chitariu, Adriana Munteanu , Ana-Maria Bocăneț, <i>Informatics system for intellectual property rights protection in the technological fixtures domain</i> . Jurnal-eLearning & Software for Education, 2020/1/1, 10.12753/2066-026X-20-078, pp 597-602, Index EBOSCO
	A.2.2.12	Adriana Munteanu , Laurențiu Slătineanu, Ionel Coman, Gheorghe Nagiț, Adelina Hrițuc, Ana Maria Bocăneț, Irina Beșliu Băncescu, <i>Error of the threaded surface minor diameter due to the position of the threading tool nose</i> , PROCEEDINGS IN MANUFACTURING SYSTEMS, Volume 14, Issue 2, 2019, pp. 61-66, Index Copernicus, ULRICHSWEB, ProQuest, Google scholar
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	A.2.2.14	Irina Nica, Simona Stoleriu, Gianina Iovan, Cristina-Angela Ghiorghe, Galina Pancu, Adriana Munteanu , Sorin Andrian, Comparative Study Regarding The Effect of Different Finishing and Polishing Systems on a Bulk-Fill Composite Resin Surface, Stomatology Edu Journal 5(2) 2018, pp. 92-97, Baze de date: DOAJ, ICMJE, SCIP
	A.2.2.15	Seghedin Neculai Eugen, Munteanu Adriana , <i>E-learning in bioengineering in order to acquire the tools characteristics used in laparoscopic surgery</i> , Proceedings of the 13th International Scientific Conference "eLearning and Software for Education" Bucharest, April 27 - 28, 2017, Volume 3 DOI: 10.12753/2066-026X-17-260 Pages: 579-584, disponibil la http://proceedings.elseconference.eu/index.php?r=site/index&year=2017&index=papers&vol=26 , indexata ProQuest, Ebosco,
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