

Lista de lucrări
Prof. Dr. Habil. Mihaela PICU

Manuale - suport de curs - Unic autor (1999-2017)

Nr. crt	An	Titlul	Editura
1	2017	Fizica pentru ingineri	101 pag, Ed. <i>Academica</i>
2	2014	Răspunsul corpului uman sub acțiunea vibrațiilor	192 pag, Ed. <i>Academica</i>
3	2012	Biofizica	154 pag, Universitatea „Dunărea de Jos” Galați
4	2003	Acustica	222 pag, Ed. <i>Academica</i>
5	2002	Agrometeorologia	214 pag, Editura Fundației Universitare
6	1999	Fizica	350 pag, Ed. <i>Academica</i>

Monografiile de specialitate - Unic autor

Nr. crt	An	Titlul	Editura
1	2015	Fizică și Acustică - Aplicații	68 pag, Ed. <i>Academica</i> ISBN 978-973-8937-88-8
2	2012	Analyse of drivers whole body vibration exposure	75 pag, Universidad Autonoma de Yucatan, Merida, Mexic
3	2010	Methodologies for noise and vibration control	165 pag, Ed. <i>Academica</i> ISBN 978-973-8937-63-5
4	2008	Effect of noise	51 pag, University of Dehli ISBN 8174902495
5	2005	Acustica clădirilor	159 pag, Ed. <i>Academica</i> ISBN 973-8915-52-2
6	2002	Fizica mediului	58 pag, Universitatea „Dunărea de Jos” Galați
7	1999	Defectoscopie ultrasonică	126 pag, Ed. <i>Academica</i> ISBN 973-98858-2-9

Suport curs Master: Universitatea „Dunărea de Jos” Galați - Coautor

Nr. crt	An	Titlul	Autori/ Nr. pag
1	2015	Sisteme disperse	Evolution cinétique des colloïdes: Phénomènes de floculation, mûrissement et coalescence Fernando Leal Calderon, 88 pag – Traducere în lb. română: Mihaela Picu
		Studiul ultrasonic al emulsiilor	Mihaela Picu, 30 pag

Suport seminar/laborator Universitatea „Dunărea de Jos” Galați - Unic autor

Nr. crt	An	Titlul	Nr. pag
1	2013	Metode pentru punerea în aplicare a Directivei 2002/44/CE (vibrații la locul de muncă)	67 pag
2	2012	Monitorizare și protecție la vibrații - Experimente	110 pag
3	2012	Biofizica – lucrări practice	59 pag
4	2003	Lucrări de laborator de acustică	63 pag
5	2002	Culegere de probleme de fizică	186 pag
6	2002	Instrumente meteorologice și de determinare a parametrilor mediului înconjurător	59 pag
7	2002	Lucrări practice de fizică	82 pag

Suport seminar Universitatea „Dunărea de Jos” Galați - Coautor

8	1994	Probleme de fizică, vol. I, fasc. I, Mecanică fizică și acustică, mecanică analitică	ENE Antoaneta, PICU Mihaela	155 pag
---	------	--	--------------------------------	---------

Articole apărute în reviste indexate ISI (2007-2019)

Nr.	An	Autori	Titlu
1	2019	Picu L., Picu M. , Rusu E.	<i>An Investigation into the Health Risks Associated with the Noise and Vibrations on Board of a Boat – A Case Study on the Danube River</i> , Journal of Marine Science and Engineering (JMSE), 2019 , Volume 7, Issue 8, Paper ID 258, pp 1-15, EISSN 2077-1312, DOI: https://doi.org/10.3390/jmse7080258 , IF 1.732
2	2019	Picu L., Rusu E., Picu M.	<i>An Analysis of How Physical and Social Factors Influence the Efficiency of Crew Members of a Ship Running on the Danube</i> , The 15 th International Conference „Acoustics & Vibration of Mechanical Structures” (AVMS 2019), May 30-31, 2019, Timișoara, Romania, https://ocs.springer.com/prom/conference/viewpapers/AVMS2019 .
3	2017	Picu M. Picu L.	<i>Experimental Study of Road Traffic Vibrations Impact on Heritage Buildings in Braila, Romania</i> , The 14 th International Conference „Acoustics & Vibration of Mechanical Structures” (AVMS 2017), Timișoara, 25-26 Mai 2017, Springer Proceedings in Physics 198, ISBN 978-3-319-69823-6, pp 389-395, DOI: https://doi.org/10.1007/978-3-319-69823-6_46
4	2015	Picu M. Sireteanu T.	<i>The Semmes-Weinstein monofilament examination and Purdue Pegboards test as a screening tool for peripheral neuropathy caused by vibrations</i> , Proceedings of the Romanian Academy - series A, No. 2/2016 https://academiaromana.ro/sectii2002/proceedings/doc2016-2/07-Picu.pdf
5	2015	Picu M.	<i>Wetland of International Importance “The Braila Small Island” - Exposed to noise pollution</i> , Environmental Engineering and Management Journal, August 2015, Vol.14, No. 8, 1995-2002, http://www.eemj.icpm.tuiasi.ro/issues/vol14/vol14no8.htm http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol14/no8/25_969_Picu_14.pdf
6	2015	Picu, M.	<i>Noise impact assessment using noise maps and noise conflict maps in Braila – A city situated between the largest RAMSAR Romanian areas: Danube Delta and Braila Small Island</i> , Carpathian Journal of Earth and Environmental Sciences, February 2016, Vol. 11, No. 1, pp. 105-112, ISSN Printed: 1842-4090, ISSN Online: 1844-489X, http://www.cjees.ro/viewIssue.php?issueId=32
7	2011	Picu, M. , Năstac, S.	<i>A Study Concerning the Driver Comfort Improvement as Regards the Transmitted Vibrations by the Vehicle Running on Roads in Romania</i> , Carpathian Journal of Earth and Environmental Sciences, Volume 6 (2), pp. 313-320, ISSN Printed: 1842-4090, ISSN Online: 1844-489X, http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=184
8	2011	Sireteanu T. Nastac S. Picu M.	<i>Structural and Behavioral Optimization of the Nonlinear Hill Model</i> , Proceedings of the Romanian Academy - series A, Volume 12, Number 3 July-Sept. 2011, pp. 213–220, ISSN: 1454-9069, http://www.acad.ro/sectii2002/proceedings/doc2011-3/08-Sireteanu.pdf
9	2007	Picu, M.	<i>Ultrasonic method to determine the phenomena inside a continuous changing system</i> , Proceedings of the Romanian Academy - series A, Volume 8, Issue 3, pp 243-248, 2007 http://www.acad.ro/sectii2002/proceedings/doc2007-3/10-Picu.pdf

Publicații apărute în volume de lucrări de conferințe indexate (2010-2020)

Nr.	An	Autori	Titlu
1	2020	Picu L., Rusu, E., Picu, M.	<i>Quantification of vibration and noise transmitted to navigation personnel on a cargo ship on the Danube in a meta-analysis</i> , The 20 th International Multidisciplinary Scientific GeoConference (SGEM 2020), 16-25 August 2020, Albena, Bulgaria
2	2020	Picu, M.	<i>The influence of physical pollutants on workers' ability to concentrate</i> Conferința ICINSE 2020, 10-16 sept 2020, Rusia
3	2019	Picu L., Rusu E., Picu M.	<i>An analysis of the noise in the engine room – case study a merchant ship navigating on Danube</i> , The 19 th International Multidisciplinary Scientific GeoConference (SGEM 2019), 28 June-7 July 2019, Albena, Bulgaria, Conference Proceedings Vol. 19, Issue: 5.2, ISBN: 978-619-7408-85-0, ISSN: 1314-2704, pp 69-76, DOI: 10.5593/sgem2019/5.2/S20.009. https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=6061 ,
4	2019	Picu L., Picu M. , Rusu E.	<i>Noise analysis on the navigation bridge for a boat traveling on the Danube River</i> , The 19 th International Multidisciplinary Scientific GeoConference (SGEM 2019), 28 June-7 July 2019, Albena, Bulgaria, Conference Proceedings Vol. 19, Issue: 5.2, ISBN: 978-619-7408-85-0, ISSN: 1314-2704, pp 571-578, DOI: 10.5593/sgem2019/5.2/S20.071. https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=6123 ,
5	2019	Picu L., Rusu E., Picu M.	<i>Study of the vibration transmitted to the crew by the equipment of a riverboat before repairs</i> , The 19 th International Multidisciplinary Scientific GeoConference (SGEM 2019), 28 June-7 July 2019, Albena, Bulgaria, Conference Proceedings Vol. 19, Issue: 5.2, ISBN: 978-619-7408-85-0, ISSN: 1314-2704, pp 695-700, DOI: 10.5593/sgem2019/5.2/S20.087. https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=6139
6	2019	Picu L., Picu M.	<i>An analysis of whole-body vibration and hand-arm vibration exposure on the Danube ship crew</i> , IOP Conference Series: Journal of Physics: Conference Series (IOP Conf. Ser.: JPCS.), ISSN: 1742-6596, Volume 1297, Number 1, 2019, paper ID 012011, DOI: https://doi.org/10.1088/1742-6596/1297/1/012011
7	2019	Picu L., Picu M.	<i>Comparative study of vibration-absorbing materials to improve the comfort of the crew on a river ship</i> , IOP Conference Series: Materials Science and Engineering (IOP Conf. Ser.: Mater. Sci. Eng.), ISSN: 1757-899X, Volume 485, Number 1, 2019, paper ID 012022, DOI: https://doi.org/10.1088/1757-899X/485/1/012022
8	2018	Picu L. Picu M. Rusu E.V.	<i>Evaluation of Human Exposure to Whole-Body Vibration - Verification Method of Stevens's Power Law</i> , The 18 th International Multidisciplinary Scientific GeoConference (SGEM 2018), Albena, Bulgaria, 30 June – 9 July 2018, DOI: http://doi.org/10.5593/sgem2018/5.2/S20.055 , https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=1481
9	2017	Picu, M. , Picu, L.	<i>Particular aspects regarding the effects of whole body vibration exposure</i> , International Conference on Engineering Vibration, Sofia (ICoEV 2017), Bulgaria, 4-7 September 2017, MATEC Web Conf., 148 (2018) 09005, eISSN: 2261-236X, DOI: https://doi.org/10.1051/mateconf/201814809005

10	2017	Picu, M., Picu, L.	<i>Environmental Impact of Car Combustion Emissions in Braila, Romania</i> , ICENS, 3 rd International Conference on Engineering and Natural Science, 3-7 May 2017, Budapest, Hungary, Book of Proceedings, ISBN 978-605-83575-5-6, pp 22-27, https://www.icens.eu/sites/default/files/2017/ICENS_PROCEEDING_2017_V3.pdf
11	2016	Picu, M.	Noise Influence on the Behaviour of Women Workers in the Clothing Industry - Case Study: Braila Clothing Factory, Romania, CBU International Conference on Innovations in Science and Education, Prague, https://eprints.ugd.edu.mk/16114/1/CBUIC%202016%20Programme.pdf
12	2016	Picu, M.	Experimental Research to Assess the Perception of Citizens on Noise Pollution, in Braila, Romania, 25 th International Conference Noise and Vibration, Tara, Serbia, CD Proceedings
13	2011	Sireteanu, T. Picu, M., Nastac, S.	<i>Study of Human Vibration on Soil Compaction Equipment Operative</i> , The 10th International Conference on Vibration Problems , September 5-8, 2011, Prague, Czech Republic, Series: Springer Proceedings in Physics , Vol. 139, Hardcover, ISBN 978-94-007-2068-8, ISSN: 0930-8989. http://www.icovp.org/prg.asp http://www.google.ro/books?hl=ro&lr=&id=7tGRAHkUQIMC&oi=fnd&pg=PA472&dq=Picu+A+Study+of+Vertical+Vibration+Transmissibility+by+the+Human+Body&ots=HHRQ_pVBB4&sig=c9KSVCMv3D4fOhANuU6DngE_-M&redir_esc=y#v=onepage&q&f=false
14	2010	Picu M., Năstac S.	<i>Numerical Simulations of Human Protective Devices against Technological Vibration</i> , The Proceedings of the 1 st EAA-EuroRegio 2010 Congress on Sound and Vibration, 15-18 September 2010, Ljubljana, Slovenia, ISBN 978-961-269-283-4, paper 232. http://lab.fs.uni-lj.si/sda/euroregio/ Abstract publicat Acta Acustica united with Acustica , vol.96, Supplement 1-2010, E21 466, ISSN 1610-1928, S8-6, pp.S57, http://www.Acta-Acustica-united-with-Acustica.com
15	2010	Picu A. Năstac S. Picu M.	<i>The Effect of the Vehicles' Whole Body Vibrations on the Fatigue State of Romanian Drivers</i> , Latest Trends on Engineering Mechanics, Structures, Engineering Geology, The Proceedings of The 3rd WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology - EMESEG '10, Corfu 2010, ISSN: 1792-4294, ISBN: 978-960-474-203-5, pp.239-244, http://www.scimagojr.com/journalsearch.php?q=19600157766&tip=sid&clean=0 German National Library of Science and Technology (GetInfo) , BL CP 2010-01-01, WorldWideScience http://worldwidescience.org/wws/result-list/author:Picu%2C+M./collections http://www.wseas.us/e-library/conferences/2010/Corfu/EMEGEO/EMEGEO-41.pdf Included in ISI/SCI Web of Science and Web of Knowledge

Articole apărute în reviste internaționale indexate în baze de date (2010-2015)

Nr.	An	Autori	Titlu
1	2015	Picu M.	<i>Vibrations study of a naval ship in different operating modes on the Danube</i> , International Journal of Modern Manufacturing Technologies, ISSN 2067–3604, Vol. VII, No. 1, 2015, http://modtech.ro/international-journal/ijpapers.php , http://www.ijmmt.ro/vol7no12015/Picu_Mihaela.pdf
2	2015	Picu M.	<i>Multi-stress and human performance: a refutation of inverted-U hypothesis</i> , Journal of Multidisciplinary Engineering Science and Technology (JMEST) ISSN: 3159-0040, Vol. 2, Issue 9, Sept, 2015, http://www.jmest.org/wp-content/uploads/JMESTN42351074.pdf
3	2014	Picu, M.	<i>Personality determination using vibrating movement parameters</i> , Proceedings of Papers, pp. 209-216, 24 th International Conference Noise and Vibration, 29-31 Oct, 2014, Nis, Serbia * Publicat în Journal "Facta Universitatis, Series: Working and Living Environment", the leading national journal (Category M51), Serbia, http://facta.junis.ni.ac.rs/walep/walep.html
4	2014	Picu, M.	<i>A Dynamic Model of the Human Body Vibration in the Vertical Direction</i> , Advanced Materials Research, Vol. 837, pp. 452-457, http://www.scientific.net/AMR.837.452 , BL CP 2014-01-01, WorldWideScience http://worldwidescience.org/wws/result-list/author:Picu%2C+M./collections , https://doi.org/10.4028/www.scientific.net/AMR.837.452
5	2014	Picu, M.	<i>The Qualitative Assesment of Emerging Risks to Workers Exposed to HAV</i> , Journal of Materials Science and Engineering A, 4 (9) pp.315-320, 2014, DOI: 10.17265/2161-6213/2014.09.009 http://www.davidpublisher.org/Public/uploads/Contribute/55091a90215ff.pdf
6	2013	Picu M.	<i>The Transmission of Vibration Through Car Seats</i> , Acoustics and Vibration of Mechanical Structures, 23-24 May 2013, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. V, No. 1, pp. 87-90, 2013, http://modtech.ro/international-journal/vol5no12013/Picu_Mihaela_1.pdf
7	2013	Picu M	<i>A Study of Vertical Vibration Transmissibility by the Human Body</i> , Applied Mechanics and Materials (Vol. 325 - 326), pp. 152-157, 2013 http://www.scientific.net/AMM.325-326.152 . German National Library of Science and Technology (GetInfo), BL CP 2013-01-01, WorldWideScience http://worldwidescience.org/wws/result-list/author:Picu%2C+M./collections
8	2012	Picu M.	<i>A comparative study of the discomfort induced by vehicles to driver</i> , International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. IV, No. 2, pp. 61-66, 2012, http://modtech.ro/international-journal/vol4no22012/Mihaela_Picu.pdf
9	2010	Picu, M., Năstac, S.	<i>Some Aspects Regarding Noise Exposure Dose Monitoring for Working Personnel</i> , Journal of Science and Arts, Volume 12, Number 1, pp. 299-304, 2010, ISSN: 1844 – 9581, eISSN 2068-3049, http://www.icstm.ro/DOCS/josa/josa_2010_2/b.04_some_aspects_regarding_noise_exposure_dose_monitoring_for_working_personnel.pdf

Articole în reviste indexate B+ (Analele Universităților din România) (2004-2018/20)

Nr.	An	Autori	Titlu
1	2018 2020	Picu, M., Picu, L.	<i>A Parallel Between the Seven Measurement Methods of Vibration Transmitted to the Hand-Arm System</i> , Annals of Dunarea de Jos University, Fascicle XIV-Mechanical Engineering, ISSN 1224-5615,
2	2018 2020	Picu, L., Picu, M.	<i>Noise Analysis in the Engine Room of a River Ship on the Danube by Eight Methods</i> , Annals of Dunarea de Jos University, Fascicle XIV-Mechanical Engineering, ISSN 1224-5615, 2018
3	2017 2019	Picu, M.	<i>Noise aspects on cargo ships in the context of Danube navigation</i> , Annals of “Dunarea de Jos” University of Galati, Fascicle XIV, Mechanical Engineering, ISSN 1224-5615, vol. 24, issue 2, 2017, pp 23-29, revista nr. 24 la: http://www.gup.ugal.ro/ugaljournals/index.php/im/issue/view/265 , articolul la: http://www.gup.ugal.ro/ugaljournals/index.php/im/article/view/2780/2480 , DOI: https://doi.org/10.35219/im.2017.2.05
4	2014	Picu, M.	<i>Noise study of a naval ship in different operating modes on the Danube</i> , Annals of “Dunarea de Jos” University of Galati, Fascicle XIV, Mechanical Engineering, pp. 55-62, 2014, http://www.ann.ugal.ro/im/2014-anale/2014-vol-1/13.%20%20M.Picu%20-NOISE%20STUDY%20OF%20A%20NAVAL%20SHIP%20IN%20DIFFERENT%20OPERATING%20MODES%20ON%20THE%20DANUBE.pdf
5	2013	Picu M.	<i>An analysis of vibration transmission to handlers trucks</i> , Annals of “Dunarea de Jos” University Of Galati, Fascicle XIV, pp.11-16, Mechanical Engineering, 2013, vol. 1, http://www.ann.ugal.ro/im/
6	2013	Picu, M.	<i>Paradigm changing of acoustic comfort. Case study: noise pollution in two extremely populated areas in Braila</i> , Annals of the “Dunarea de Jos” University of Galati, Fascicle II, Year V(XXXVI), No. 2, pp. 432-440, Mathematics, Physics, Theoretical Mechanics, 2013, http://connection.ebscohost.com/c/articles/96847900/paradigm-changing-acoustic-comfort-case-study-noise-pollution-two-extremely-populated-areas-br-ila
7	2012	Picu, M. Voiculescu, M.	<i>A study of HAV for foresters workers</i> , The Annals of „Dunarea de Jos” University of Galati, Fascicle XIV, pp. 59-64, Mechanical Engineering, ISSN 1224-5615, 2012, vol. 1, http://www.ann.ugal.ro/im/
8	2011	Năstac, S., Picu, M.	<i>Study on Vibrations Transmitted to the Passengers in the Bucharest Metro Stations</i> , Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year III (XXXIV), No. 1, pp.35-39, 2011 http://www.phys.ugal.ro/Annals_Fascicle_2/Year2011/Summary%20Annals%20Fasc_II_2011_No_1.htm
9	2011	Picu, M., Năstac, S.	<i>Influența sunetelor cu frecvențe mici asupra comportamentului uman</i> , Buletinul Institutului Politehnic Din Iași, Tomul LVII (LXI), Fasc. 5, 2011, pp.83-88, http://www.tuiasi.ro/users/112/BIPI-5-201%20adobe.pdf , http://www.journal-hyperion.ro/phocadownload/CNCSIS.pdf
10	2010	Năstac S. Picu M.	<i>Evaluating methods of whole-body-vibration exposure in trains</i> , Annals of “Dunarea de Jos” University of Galati, Fascicle XIV, Mechanical Engineering, 2010, Vol.2, pp. 55–60, http://www.ann.ugal.ro/im/
11	2010	Năstac S. Picu M.	<i>A Study on the Sensation of Discomfort Induced by Cars Vibrations to the Drivers</i> , Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year II (XXXIII), No. 2, pp. 93-98, 2010 http://www.phys.ugal.ro/Annals_Fascicle_2/Year2010/index2.htm

12	2010	Picu M. Năstac S.	<i>Assessment of the Response to Whole-Body-Vibration on the Mechanics of Engine Room in a Push/Tug Boat</i> , Ovidius University Annals of Mechanical, Industrial and Maritime Engineering, Vol.XII, Tom I, ISSN 1223-7221, ISSN 1224-1776, pp. 86-90, 2010 https://www.google.ro/search?tbm=bks&hl=en&q=Picu%2C+Năstac%2C+Assessment+of+the+Response+to+Whole-Body-Vibration+on+the+Mechanics+of+Engine+Room+in+a+Push%2Ftug+Boat&gws_rd=ssl
13	2007	Picu M. Picu A.	<i>Study of noise produced by elevators inside buildings</i> , The Annals of „Dunarea de Jos” University of Galati, Fascicle XIV, pp. 41-44, Mechanical Engineering, ISSN 1224-5615, 2007 http://www.ann.ugal.ro/im/anale-fib-2007_vechi/anale-fib-2007-08.pdf
14	2006	Picu M. Tudose C.	<i>NDT of cementous materials</i> , The Annals of „Dunarea de Jos” University of Galati, Fascicle XIV, pp. 46-49, Mechanical Engineering, ISSN 1224-5615, 2007 https://scholar.google.ro/scholar?hl=ro&as_sdt=0.5&cluster=12378930827813966699
15	2004	Picu M.	<i>Research regarding the investigation of steel hardness</i> , Analele Universitatii” Dunarea de Jos” din Galati, Fascicola XIV, Inginerie Mecanica(The Annals of” Dunarea de Jos” University of Galati, Fascicle XIV, Mechanical Engineering), pp. 81-84

Lucrări în reviste de specialitate de circulație națională (2010-2013)

Nr.	An	Autori	Titlu
1	2013	Șerban, C. stud. mast. Picu, M.	<i>An evaluation and analysis of noise caused by traffic in a populated area of Braila city</i> , Research & Science Today, No. 1(7), pp. 117-124, 2014 http://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=2237954
2	2013	Picu, M.	<i>A study on the relationship between noise and domestic violence</i> , Sinteze de Mecanica Teoretica si Aplicata, Volumul 1 No. 1, 2013 http://www.smta.ro/articole/vol4_nr1_art7.pdf
3	2012	Picu, M., Militaru G. stud. mast.	<i>Curba Rrailsback modificată a unui pian Gebruder Stingl Wienn</i> , Al XVIII-lea Simpozion național de utilaje pentru construcții (SINUC 2012), Universitatea Tehnică de Construcții București, http://www.sinuc.utilajutcb.ro/I20.pdf
4	2012	Picu, M. Năstac, S.	<i>O modelare a vibrațiilor mecanice transmise corpului uman</i> , Sinteze de mecanica teoretica si aplicata, vol. 1, 2012 http://www.smta.ro/revista.php?id=5
5	2012	Picu, M., Popa, I. stud. mast.	<i>Studiul confortului din punct de vedere al traserii vibrațiilor șoferilor de automobile</i> , Al XVIII-lea Simpozion național de utilaje pentru construcții (SINUC 2012), Universitatea Tehnică de Construcții București, http://www.sinuc.utilajutcb.ro/SINUC-2012/SECTIA--II/II16.pdf
6	2011	Picu, M. Năstac, S.	<i>Efectele vibrațiilor asupra operatorilor de excavatoare</i> , Sinteze de mecanica teoretica si aplicata, nr. 2, 2011 http://www.smta.ro/revista.php?id=4
7	2010	Picu M., Năstac S.	<i>Efectele vibrațiilor asupra operatorilor de excavatoare</i> , Al XVI-lea Simpozion Național de Utilaje pentru Construcții (SINUC 2010), 16-17 decembrie 2010, București, CD-Proceedings, ISBN 978-973-100-144-9, http://www.sinuc.utilajutcb.ro/SINUC-2010/SECTIA--I/10.I.27.pdf
8	2010	Năstac S., Picu M.	<i>Studii experimentale privind percepția vibrațiilor generate de echipamentele de construcții asupra oamenilor</i> , Al XVI-lea Simpozion Național de Utilaje pentru Construcții (SINUC 2010), 16-17 decembrie 2010, București, CD-Proceedings, ISBN 978-973-100-144-9, http://www.sinuc.utilajutcb.ro/SINUC-2010/SECTIA--I/10.I.17.pdf

Publicații apărute în volume de lucrări ale Conferințelor/ Congreselor Internaționale din România (2009-2019)

Nr.	An	Autori	Titlu
1	2019	Picu, L., Picu, M.,	<i>An analysis of whole-body vibration and hand-arm vibration exposure on the Danube ship crew</i> , The 5 th International Scientific Conference SEA-CONF 2019, May 17-18, 2019, Constantza, Romania. https://www.anmb.ro/ro/conferinte/sea-conf/arhiva/program%20sea-conf%202019.pdf
2	2018	Picu, L., Picu, M.,	<i>Comparative study of vibration-absorbing materials to improve the comfort of the crew on a river ship</i> , The 8 th International Conference on Material Science & Engineering (UgalMat 2018), Galati, Romania, october 11-13 2018, Book of abstract, pp.63, http://www.ugalmat.ugal.ro/BOOK%20OF%20ABSTRACT-UGALMAT2018%20.pdf
3	2014	Picu, M.	<i>Traffic, railway and industrial noise – the discomfort reflected in conflict maps. A case study in Braila, Romania</i> , International Workshop “Environmental Conflicts: Planning, Issues and Resolution” Planning, Issues and Resolution”, Centre for Environmental Research and Impact Studies, Bucharest, September 4 – 6, 2014, http://portiledefier.ro/ccmesi/wp-content/uploads/2014/08/Workshop_Schedule.pdf
4	2014	Picu, M.	<i>Sorting nodular graphite cast iron from the lamellar graphite cast iron using ultrasonic transparency</i> , The VI th edition of International Conference UgalMat 2014, Galati, Romania, May 29-31, 2014, http://www.fascicula9.ugal.ro/uploads/pdf/Cuprins_UgalMat_2014.pdf
5	2013	Picu, M.	<i>The Risk of Workers Exposure at Low Frequencies Noises</i> , Conference ModTech 2013, Sinaia, 27-29 iunie, 2013, http://modtech.ro/international-journal/ijpapers.php
6	2009	Picu M.	<i>Experimental investigation of the professional whole body vibrations</i> , 10 th International Balkan Workshop on Applied Physics, July 6 – 8, 2009, Constanta, Romania, http://www.ibwap.ro/2013/uploads/letter/IBWAP2009.pdf

Lucrări în publicații ale conferințelor organizate sub egida Academiei Române (2007-2017)

Nr.	An	Autori	Titlu
1	2017	Picu, M., Picu, L.,	<i>An analysis upon the hand arm vibrations which reach the head</i> , SISOM 2017 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, București, 18-19 mai 2017, Session 3, http://imsar.ro/wp-content/uploads/2018/12/Sisom_2017.pdf
2	2013	Picu, M.	<i>A whole body vibrations study on crew personnel</i> , SISOM 2013 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, Session 1, http://imsar.ro/wp-content/uploads/2018/12/Sisom_2013.pdf
3	2011	Picu, M. Năstac, S.	<i>Experimental determinations of palmar sensibility of workers exposed to HAV</i> , SISOM 2011 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, Session 3, http://imsar.ro/wp-content/uploads/2018/12/Sisom_2010.pdf
4	2011	Picu, M. Năstac, S.	<i>Relationships between vibrations and personality</i> , Zilele Academice Timișene, Ediția a XII-a, Simpozionul Acoustics and Vibration of Mechanical Structures, Academia Română, Filiala Timișoara, 26-27 mai 2011, Timișoara
5	2010	Picu, M. Năstac, S.	<i>A study on vibration propagation through alluvial soils of the Danube Meadow</i> , SISOM 2010 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, http://www.imsar.ro/Sisom_2010.pdf

6	2009	Picu, M.	A study upon noise pollution in discos, International Symposium AVMS'2009-Timișoara, May 28, 2009, http://www.mec.upt.ro/meca/avms/istoric/AVMS-2009.html
7	2009	Picu M.	<i>Hand-arm vibration analysis for tractor drivers</i> , SISOM 2009 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, Session 3, http://imsar.ro/wp-content/uploads/2018/12/Sisom_2009.pdf
8	2008	Picu, M. Picu, A.	<i>View upon the sound field diffusion in closed spaces</i> , SISOM 2008 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, Session 3, http://imsar.ro/wp-content/uploads/2018/12/Sisom_2008.pdf
9	2007	Picu, M.	<i>The acceptability of the noise level in the work environment</i> , SISOM 2007 - Institute of Solid Mechanics an Comission of Acoustics of Romanian Academy, http://imsar.ro/wp-content/uploads/2018/12/Sisom_2007.pdf

Brevete

Nr.	An	Autori	Titlu
1	2001	M. Picu, G.M. Costin	Metodă ultrasonică pentru urmărirea procesului de coagulare a laptelui, (Nr. invenție: RO117213-B)