

LISTA LUCRĂRILOR ȘTIINȚIFICE

I. TEZA DE DOCTORAT

Cercetări privind utilizarea ultrasunetelor în industria alimentară, Universitatea "Dunărea de Jos" din Galați, Facultatea de Industrii Alimentare, Acvacultură și Pescuit, conducător științific Prof. univ. dr. fiz. Cosma TUDOSE, 223 pag. (1997) – domeniul Acustică Tehnică

II. TEZA DE ABILITARE

De la cercetarea exploratorie și monitorizarea zgomotelor și vibrațiilor mecanice la realizarea de modele ale răspunsului uman sub acțiunea stresului generat de acești factori, Universitatea "Dunărea de Jos" din Galați, Școala Doctorală de Inginerie, 195 pag. (2016) – domeniul Inginerie Mecanică

III. CĂRȚI ȘI CAPITOLE ÎN CĂRȚI PUBLICATE

a. Manuale - suport de curs - Unic autor

1. **Picu Mihaela**, *Fizica pentru ingineri*, 2017, 101 pag., Ed. Academica
2. **Picu Mihaela**, *Răspunsul corpului uman sub acțiunea vibrațiilor*, 2014, 192 pag., Ed. Academica, ISBN 978-973-8937-84-0
3. **Picu Mihaela**, *Biofizica*, 2012, 154 pag., Centrul de multiplicare al Universității „Dunărea de Jos” din Galați
4. **Picu Mihaela**, *Acustica*, 2003, 222 pag., Ed. Academica, ISBN 973-8316-50-2
5. **Picu Mihaela**, *Agrometeorologia*, 2002, 214 pag., Editura Fundației Universitare, ISBN 973-8352-48-7
6. **Picu Mihaela**, *Fizica*, 1999, 350 pag., Ed. Academica, ISBN 973-97816-6-7

b. Monografii de specialitate - Unic autor

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

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

1. Fernando Leal Calderon, **Picu Mihaela**, *Sisteme disperse, Evolution cinétique des colloïdes: Phénomènes de floculation, mûrissement et coalescence*, 2015, traducere 88 pag., plus capitol original *Studiul ultrasonic al emulsiilor*, 30 pag., Centrul de multiplicare al Universității „Dunărea de Jos” din Galați

d. Suport seminar/laborator tipărite la Centrul de multiplicare al Universității „Dunărea de Jos” din Galați

1. **Picu Mihaela**, *Metode pentru punerea în aplicare a Directivei 2002/44/CE (vibrații la locul de muncă)*, 2013, 67 pag.

2. **Picu Mihaela**, *Monitorizare și protecție la vibrații – Experimente*, 2012, 110 pag.
3. **Picu Mihaela**, *Biofizica – lucrări practice*, 2012, 59 pag.
4. **Picu Mihaela**, *Lucrări de laborator de acustică*, 2003, 63 pag.
5. **Picu Mihaela**, *Culegere de probleme de fizică*, 2002, 186 pag.
6. **Picu Mihaela**, *Instrumente meteorologice și de determinare a parametrilor mediului înconjurător*, 2002, 59 pag.
7. **Picu Mihaela**, *Lucrări practice de fizică*, 2002, 82 pag.
8. ENE Antoaneta, **Picu Mihaela**, *Probleme de fizică, vol. I, fasc. I, Mecanică fizică și acustică, mecanică analitică*, 1994, 155 pag.

IV. ARTICOLE ȘI LUCRĂRI PUBLICATE SAU PREZENTATE LA CONFERINȚE

a. Articole apărute în reviste indexate ISI

1. Picu L., **Picu M.**, Rusu E., *An Investigation into the Health Risks Associated with the Noise and Vibrations on Board of a Boat – A Case Study on the Danube River*, 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>
2. Picu L., Rusu E., **Picu M.**, *An Analysis of How Physical and Social Factors Influence the Efficiency of Crew Members of a Ship Running on the Danube*, The 15th International Conference „Acoustics & Vibration of Mechanical Structures” (AVMS 2019), May 30-31, 2019, Timișoara, Romania, Springer Proceedings in Physics, 2021, vol. 251, pp 185-204, Springer, Cham. DOI: https://doi.org/10.1007/978-3-030-54136-1_18.
3. **Picu M.**, Picu L., *Experimental Study of Road Traffic Vibrations Impact on Heritage Buildings in Braila, Romania*, The 14th 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. **Picu M.**, Sireteanu T., *The Semmes-Weinstein monofilament examination and Purdue Pegboards test as a screening tool for peripheral neuropathy caused by vibrations*, Proceedings of the Romanian Academy - series A, No. 2/2016, <https://academiaromana.ro/sectii2002/proceedings/doc2016-2/07-Picu.pdf>
5. **Picu M.**, *Wetland of International Importance “The Braila Small Island” - Exposed to noise pollution*, 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. **Picu M.**, *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*, 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. **Picu M.**, Năstac S., *A Study Concerning the Driver Comfort Improvement as Regards the Transmitted Vibrations by the Vehicle Running on Roads in Romania*, 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. Sireteanu T., Năstac S., **Picu M.**, *Structural and Behavioral Optimization of the Nonlinear Hill Model*, 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. **Picu M.**, *Ultrasonic method to determine the phenomena inside a continuous changing system*, 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>

b. Publicații apărute în volume de lucrări de conferințe indexate SCOPUS

1. **Picu M.,** Picu L., *A Study of Air Quality at Some Border Crossing Points to and from Ukraine*, Academics World, International Conference on Environmental Science and Development, ICESD 2023, April 01-02, 2023, Dublin, Ireland, Paper ID: AW-ICESDDUBLN-010423-13072, Proceeding la: <https://worldresearchlibrary.org/proceeding.php?pid=5726>, pp 5-13, lucrarea la: https://www.worldresearchlibrary.org/up_proc/pdf/5726-16826754505-13.pdf
2. **Picu M.,** *The Effect of Noise and Temperature on the Stress of Agricultural Tractor Operators*, The 27th International Conference „Noise and Vibration”, October 20-21, 2022, Nis, Serbia, Proceedings pp 49-58, <https://www.znrfak.ni.ac.rs/noise2022/Proceedings2022/Proceedings%20Noise%20and%20Vibration%202022%20sa%20koricama.pdf>
3. Picu L., Rusu E.V.C., **Picu M.,** *Quantification of vibration and noise transmitted to navigation personnel on a cargo ship on the Danube in a meta-analysis*, The 20th International Multidisciplinary Scientific GeoConference (SGEM 2020), 16-25 August 2020, Albena, Bulgaria, https://www.sgem.org/documents/2020/programme/_publish_programme_publish.pdf
4. Picu L., Rusu E.V.C., **Picu M.,** *An analysis of the noise in the engine room – case study a merchant ship navigating on Danube*, The 19th 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>,
5. Picu L., **Picu M.,** Rusu E.V.C., *Noise analysis on the navigation bridge for a boat traveling on the Danube River*, The 19th 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>,
6. Picu L., Rusu E.V.C., **Picu M.,** *Study of the vibration transmitted to the crew by the equipment of a riverboat before repairs*, The 19th 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>
7. Picu L., **Picu M.,** *An analysis of whole-body vibration and hand-arm vibration exposure on the Danube ship crew*, 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>
8. Picu L., **Picu M.,** *Comparative study of vibration-absorbing materials to improve the comfort of the crew on a river ship*, 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>
9. Picu L., **Picu M.,** Rusu E.V., *Evaluation of Human Exposure to Whole-Body Vibration - Verification Method of Stevens's Power Law*, The 18th 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>
10. **Picu M.,** Picu L., *Particular aspects regarding the effects of whole body vibration exposure*, 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/matecconf/201814809005>
11. **Picu M.,** Picu L., *Environmental Impact of Car Combustion Emissions in Braila, Romania*, ICENS, 3rd 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
12. **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, 2016, Prague,
<https://eprints.ugd.edu.mk/16114/1/CBUIC%202016%20Programme.pdf>
 13. **Picu M.**, *Experimental Research to Assess the Perception of Citizens on Noise Pollution, in Braila, Romania*, 25th International Conference Noise and Vibration, 2016, Tara, Serbia, CD Proceedings
 14. Sireteanu T., **Picu M.**, Nastac S., *Study of Human Vibration on Soil Compaction Equipment Operative*, [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
 15. **Picu M.**, Năstac S., *Numerical Simulations of Human Protective Devices against Technological Vibration*, The Proceedings of the 1st 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 în **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>
 16. **Picu A.**, Năstac S., **Picu M.**, *The Effect of the Vehicles' Whole Body Vibrations on the Fatigue State of Romanian Drivers*, 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/www/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](#)

c. Articole apărute în reviste internaționale indexate în baze de date

1. **Picu M.**, *A study of the hearing health of ambulance drivers*, The 28th International Conference Noise and Vibration, 24-25 October 2024, Nis, Serbia, in Abstract Proceedings, <https://www.znrfak.ni.ac.rs/NOISE2024/Proceedings.html>, p. 53
2. **Picu M.**, *Vibrations study of a naval ship in different operating modes on the Danube*, 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
3. **Picu M.**, *Multi-stress and human performance: a refutation of inverted-U hypothesis*, 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>
4. **Picu M.**, *Personality determination using vibrating movement parameters*, Proceedings of Papers, pp. 209-216, 24th 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>
5. **Picu M.**, *A Dynamic Model of the Human Body Vibration in the Vertical Direction*, Advanced Materials Research, Vol. 837, 2014, 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>,

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6. **Picu M.**, *The Qualitative Assessment of Emerging Risks to Workers Exposed to HAV*, Journal of Materials Science and Engineering A, 4 (9), 2014, pp. 315-320, DOI: 10.17265/2161-6213/2014.09.009, <http://www.davidpublisher.org/Public/uploads/Contribute/55091a90215ff.pdf>
7. **Picu M.**, *The Transmission of Vibration Through Car Seats*, Acoustics and Vibration of Mechanical Structures, 23-24 May 2013, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. V, No. 1, 2013, pp. 87-90, http://modtech.ro/international-journal/vol5no12013/Picu_Mihaela_1.pdf
8. **Picu M.**, *A Study of Vertical Vibration Transmissibility by the Human Body*, Applied Mechanics and Materials (Vol. 325 - 326), 2013, pp. 152-157, <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>
9. **Picu M.**, *A comparative study of the discomfort induced by vehicles to driver*, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. IV, No. 2, 2012, pp. 61-66, http://modtech.ro/international-journal/vol4no22012/Mihaela_Picu.pdf
10. **Picu M.**, Năstac S., *Some Aspects Regarding Noise Exposure Dose Monitoring for Working Personnel*, Journal of Science and Arts, Volume 12, Number 1, 2010, pp. 299-304, 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

d. Articole în reviste indexate B+ (Analele Universităților din România)

1. **Picu M.**, *Risk to the health of agricultural equipment drivers in Romania caused by exposure to vibration and noise*, Annals of Dunarea de Jos University, Fascicle II-Mathematics, Physics, Theoretical Mechanics, ISSN 2067 – 2071, Vol. 44, Issue 2, 2021, pp 103-110, DOI: <https://doi.org/10.35219/ann-ugal-math-phys-mec.2021.2.04>, <https://www.gup.ugal.ro/ugaljournals/index.php/math/article/view/5074/4482>, cuprinsul la: <https://www.gup.ugal.ro/ugaljournals/index.php/math/issue/view/416>
2. **Picu M.**, **Picu L.**, *Noise: a risk factor for sailors' health and navigation safety*, Annals of Dunarea de Jos University, Fascicle II-Mathematics, Physics, Theoretical Mechanics, ISSN 2067 – 2071, Vol. XII(XLIII) 2020 No. 2 [sau Vol. 43, Issue 2, 2020], pp 147-154, DOI: <https://doi.org/10.35219/ann-ugal-math-phys-mec.2020.2.11>, 2020
3. **Picu L.**, **Picu M.**, *Mathematical Modeling of the Response of the Human Locomotor System Subject to the Action of Disturbing Mechanical Vibrations*, Annals of Dunarea de Jos University, Fascicle XIV-Mechanical Engineering, Vol. 26, Issue 1, 2019, ISSN 1224-5615, pp 27-32, DOI: <https://doi.org/10.35219/im.2019.1.06>,
4. **Picu L.**, **Picu M.**, *A Parallel Between the Six Methods of Measuring Vibrations Transmitted to the Whole Body*, Annals of Dunarea de Jos University, Fascicle XIV-Mechanical Engineering, Vol. 25, Issue 2, 2018, ISSN 1224-5615, pp 15-24, DOI: <https://doi.org/10.35219/im.2018.2.01>, articolul la: <https://www.gup.ugal.ro/ugaljournals/index.php/im/article/view/3953/3505>
5. **Picu M.**, **Picu L.**, *A Parallel Between the Seven Measurement Methods of Vibration Transmitted to the Hand-Arm System*, Annals of Dunarea de Jos University, Fascicle XIV-Mechanical Engineering, Vol. 25, Issue 2, 2018, ISSN 1224-5615, pp 5-14, DOI: <https://doi.org/10.35219/im.2018.2.06>, articolul la: <https://www.gup.ugal.ro/ugaljournals/index.php/im/article/view/3952/3504>
6. **Picu M.**, *Noise aspects on cargo ships in the context of Danube navigation*, 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:

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7. **Picu M.**, *Noise study of a naval ship in different operating modes on the Danube*, 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>
8. **Picu M.**, *An analysis of vibration transmission to handlers trucks*, Annals of “Dunarea de Jos” University Of Galati, Fascicle XIV, pp.11-16, Mechanical Engineering, 2013, vol. 1, <http://www.ann.ugal.ro/im/>
9. **Picu M.**, *Paradigm changing of acoustic comfort. Case study: noise pollution in two extremely populated areas in Braila*, Annals of the “Dunarea de Jos” University of Galati, Fascicle II, Year V(XXXVI), No. 2, pp. 432-440, Mathematics, Physics, Theoretical Mechanics, 2013, <https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=20672071&AN=96847900&h=OvIQEMXMK6H3hQxgumir2uk6PVfTwe%2b9D0UjIw%2bkBuAV9YtXdIsdaVoaiJYcEhEHhFl7ZgwaYfEamPzTrODOgA%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d20672071%26AN%3d96847900>
10. **Picu M.**, Voiculescu M., *A study of HAV for foresters workers*, 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/>
11. Năstac S., **Picu M.**, *Study on Vibrations Transmitted to the Passengers in the Bucharest Metro Stations*, 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
12. **Picu M.**, Năstac S., *Influența sunetelor cu frecvențe mici asupra comportamentului uman*, 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>
13. Năstac S., **Picu M.**, *Evaluating methods of whole-body-vibration exposure in trains*, Annals of “Dunarea de Jos” University of Galati, Fascicle XIV, Mechanical Engineering, 2010, Vol.2, pp. 55–60, <http://www.ann.ugal.ro/im/>
14. Năstac S., **Picu M.**, *A Study on the Sensation of Discomfort Induced by Cars Vibrations to the Drivers*, 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
15. **Picu M.**, Năstac S., *Assessment of the Response to Whole-Body-Vibration on the Mechanics of Engine Room in a Push/Tug Boat*, 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
16. **Picu M.**, **Picu A.**, *Study of noise produced by elevators inside buildings*, 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
17. **Picu M.**, Tudose C., *NDT of cementous materials*, 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

18. **Picu M.**, *Research regarding the investigation of steel hardness*, Analele Universității” Dunărea de Jos” din Galați, Fascicola XIV, Inginerie Mecanică (The Annals of” Dunărea de Jos” University of Galati, Fascicle XIV, Mechanical Engineering), pp. 81-84

e. Lucrări în reviste de specialitate de circulație națională

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