

LISTA ARTICOLELOR ȘTIINȚIFICE PUBLICATE  
ÎN PERIOADA STUDIILOR DOCTORALE

1. SR PhD student eng. **Tamara Stanciu**, Assoc. Prof. PhD eng. Anca Constantin, Theoretical and experimental study of turbulent gas flow through a pneumatic mechanism, 18<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM, Marine and Ocean Ecosystems, Albena Bulgaria, vol. 18, pg. 1205-1212, ISSN 1314-2704, **WOS, SCOPUS**.
2. SR PhD student eng. **Tamara Stanciu**, Lecturer PhD eng. Andrei Scupi, **Prof. PhD eng. Dumitru Dinu**, Experimental Validation of Theoretical Calculation and Numerical Simulation for Optimization of Divers's Breathing Apparatus, Buletinul Științific nr I(45)/2018 al Academiei Forțelor Terestre Nicolae Bălcescu, Sibiu, ISSN 2247-8396 pg. 53, **B<sup>+</sup>**.
3. SR PhD student eng. **Tamara Stanciu**, Aspects regarding maintenance of climate inside the hyperbaric chamber of the diving Center, Scientific Bulletin of Naval Academy, Constanța, vol. XXI, 2018, [www.anmb.ro](http://www.anmb.ro), ISSN-L 1454-864X, pg. 77-84.
4. CSIII drd. ing. **Tamara Stanciu**, Lecturer PhD eng. Andrei Scupi, SR eng. Cătălin Frățilă, Optimizing the gas flow through the breathing apparatus mechanisms of divers with Computational Fluid Dynamics, Annals of the Academy of Romanian Scientists Series on Engineering Sciences Volume 10, Number 1/2018, Online ISSN 2066-8750, pg. 71.
5. SR PhD student eng. **Tamara Stanciu**, Lecturer PhD eng. Andrei Scupi, **Prof. PhD eng. Dumitru Dinu**, Solving the problems of gas flow external resistance through the breathing apparatus of divers using Computational Fluid Dynamics, Recherches Marines nr. 47/2017, ISBN 978-606-528-382-4, pag. 249-259.
6. Assoc. Prof. PhD eng. Anca Constantin, SR PhD student eng. **Tamara Stanciu**, Gas flow in underwater breathing installations, Annals of the Academy of Romanian Scientists Series on Engineering Sciences Volume 9, Number 2/2017, Online ISSN 2066-8750, pg. 17.
7. SR PhD student eng. **Tamara Stanciu**, Validation of thermal balance equation of diver in hyperbaric environment at saturation with heliox, Journal of Marine Technology, vol. I/2017, ISSN 1844-6116, pg. 45.
8. SR PhD student eng. **Tamara STANCIU**, Lecturer PhD doctor Cecilia Adumitresi, Evaluation criteria for the respiratory function of the divers, Revista Academiei Forțelor Terestre Nicolae Bălcescu Sibiu, nr. 3/2017, ISSN-L- 1582-6384, pg. 198, **B<sup>+</sup>**.
9. SR PhD student eng. **Tamara STANCIU**, The determination of the concentration of pollutants in the compressed air when diving and eliminating these pollutants, Revista Academiei Forțelor Terestre Nicolae Bălcescu Sibiu, nr. 1/2016, ISSN-L- 1582-6384, pg. 99, **B<sup>+</sup>**.
10. SR PhD student eng. **Tamara STANCIU**, Validation of diver's thermal balance equation in subsea hyperbaric environment at air diving, Journal of Marine Technology, vol. II/2016, ISSN 1844-6116, pg. 49.
11. SR PhD student eng. **Tamara STANCIU**, Lecturer PhD doctor Cecilia Adumitresi, Influence of hyperbaric breathing gases on deep divers, Revista Academiei Forțelor Terestre Nicolae Bălcescu Sibiu, nr. 1/2015, ISSN-L- 1582-6384, pg. 113, **B<sup>+</sup>**.
12. Assoc. Prof. PhD eng. Anca Constantin, SR PhD student eng. **Tamara Stanciu**, Experimental determination of breathing volume flow rate in simulated subsea environment, 15<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 18 – 24 iunie 2015,

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13. Assoc. Prof. PhD eng. Anca Constantin, SR PhD student eng. **Tamara Stanciu**, Thermic transfers during saturation dive, 15<sup>th</sup>International Multidisciplinary Scientific GeoConference SGEM 18 – 24 iunie 2015, Marine and Ocean Ecosystems Albena Bulgaria, ISSN 1314-2704, pag. 723, **WOS, SCOPUS**.
  14. SR eng. Mihai DIACONU, SR eng. **Tamara Stanciu**, Prof. PhD eng. Mircea DEGERATU, The Procedure by Evaluation of Divers for the Deep Diving, Annals of the Academy of Romanian Scientists Series on Engineering Sciences Volume 6, Number 1/2014, Online ISSN 2066-8750, pg. 7.
  15. SR eng. **Tamara STANCIU**, SR eng. Mihai DIACONU, Prof. PhD eng. Mircea DEGERATU, Monitorization and evaluation of HPNS (high pressure nervous syndrome), Annals of Management and Technological Engineering 30.05. – 1.06.2013 Oradea, ISSN 1583 – 0691, vol. XXII(XII) nr.1, pg. 375, **B<sup>+</sup>**.
  16. SR eng. **Tamara STANCIU**, SR eng. Mihai DIACONU, Experimental researches of thermal phenomenon during the saturation diving, Annals of the Oradea University, Management and Technological Engineering 30.05. – 1.06.2013, ISSN 1583 – 0691, vol. XXII(XII) nr.1, pg. 371, **B<sup>+</sup>**.
  17. Assoc. Prof. PhD eng. Anca Constantin, SR eng. **Tamara Stanciu**, Transient heat transfer in subsea hyperbaric environment, 13<sup>th</sup>International Multidisciplinary Scientific GeoConference SGEM 16 – 22 iunie 2013, Marine and Ocean Ecosystems Albena Bulgaria, ISSN 1314-2704, pag. 871, **WOS, SCOPUS**.