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Domeniul: **Inginerie Industrială**

## **Listă de publicații lucrărilor științifice în domeniul disciplinelor din postul didactic**

### **I. Cărți publicate (B)**

**B – Cărți / cursuri (manuale) pentru uzul studenților, publicate în edituri recunoscute**

**B 1.** Ioniță Stela, Radu Ionuț-Valentin, *Avramescu Ana-Maria*, Grafică inginerescă – Elemente de geometrie descriptivă și desen tehnic, Partea 1, Editura Bren, ISBN 978-606-610-119-6, București 2014, p. 183.

**B 2.** Ioniță Stela, Radu Ionuț-Valentin, *Avramescu Ana-Maria*, Geometrie descriptivă, Editura Bren, ISBN 978-606-610-151-6, București 2015, p. 194.

**B 3.** Ioniță Stela, Radu Ionuț-Valentin, *Avramescu Ana-Maria*, Desen Tehnic, Editura Bren, ISBN 978-606-610-178-3, București 2016, p. 256.

**B 4.** *Nicolau Ana-Maria*, Desen Tehnic, Editura Printech, ISBN 978-606-23-1431-6, București 2023, p. 272.

**B 5.** *Nicolau Ana-Maria*, Geometrie descriptivă, Editura Printech, ISBN 978-606-23-1433-0, București 2023, p. 230.

**B 6.** *Nicolau Ana-Maria*, Enache Cătălina-Ioana, Ecodesign Industrial, Editura Printech, ISBN 978-606-23-1432-3, București 2023, p. 204.

**B 7.** Enache Cătălina-Ioana, *Nicolau Ana-Maria*, Grafică Asistată de Calculator (GAC), Editura Bren, ISBN 978-606-610-300-8, București 2023, p. 203.

**B 8.** *Nicolau Ana-Maria*, Elemente de Grafică Inginerească Asistată de Calculator, Editura Printech, ISBN 978-606-23-1537-5, București 2023, p. 303.

**B 9.** *Nicolau Ana-Maria*, Grafică Inginerească – Aplicații, Editura Printech, ISBN 978-606-23-1538-2, București 2023, p. 137.

**B 10.** *Nicolau Ana-Maria*, Marketing Strategique, Editura Printech, ISBN 978-606-23-1536-8, București 2023, p. 334.

### **II. Articole / studii în extenso publicate (C)**

**C – Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate în alte Baze de Date Internaționale - BDI specifice domeniului, care fac un proces de selecție a publicațiilor pe baza unor criterii de performanță. Se menționează la fiecare lucrare includerea în Bază ISI [ISI Proceedings, ISSN] și/sau denumirea altei (altor) BDI.**

#### **ISI:**

**ISI 1.** *Ana-Maria AVRAMESCU*, Paul-Cristian Bogza, Ionel SIMION, Ioana-Catalina ENACHE, *Studies on the influence of subdivision surface used in geometric modeling*, Proceedings of The 16<sup>th</sup> International Conference, Modern Technologies, Quality and Innovation “ModTech 2012”, ISBN: ISSN 2069 – 6736, Sinaia, Romania, **2012**, pp. 129-132. (WOS:000392261800033)

**ISI 2.** Ana-Maria AVRAMESCU, Ionel SIMION, Ioana-Catalina ENACHE, *Quality in Industrial Design*, Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, Volume 23, No.1, ISSN 2304-1382, ISBN 978-3-901509-91-9, Published by DAAAM International, Vienna, Austria, EU, **2012**, pp. 103-106. (WOS:000392423800024)

**ISI 3.** Enache I. C., Simion I., AVRAMESCU A.-M., *Influence of shape product design in the manufacturing process*, DAAAM Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, ISBN: 978-9949-23-265-9, Tallinn, Estonia, **2012**, pp. 33-38. (WOS:000392535600004)

**ISI 4.** Ana-Maria AVRAMESCU, Stela IONIȚA, Georgeta HARAGA, Elena IONIȚA, Ionuț-Valentin RADU, *Intégration des préférences sensorielles des consommateurs dans la caractérisation de matériau bio-sourcé comparé avec le matériau synthétique*, U.P.B. Sci. Bull., Series B, Vol. 76, Iss. 4, 2014, ISSN 1454 – 2331. (WOS:000440253600019)

**ISI 5.** Ana-Maria AVRAMESCU, Florence BAZZARO, Morad MAHDJOUR, Jean-Claude SAGOT, Ionel SIMION, *Elaboration d'une démarche pour l'analyse sensorielle tactile des matériaux bio-sourcés*; U.P.B. Sci. Bull., Series B, Vol. 76, Iss. 1, **2014** ISSN 1454 – 2331, pp. 235-246. (WOS:000440249300024)

**ISI 6.** Ana-Maria AVRAMESCU, *Physical properties of the ecological materials versus artificial materials*; U.P.B. Sci. Bull., Series B, Vol. 77, Iss. 1, **2015** ISSN 1454 – 2331, pp. 149-156. (WOS:000417043900014)

**ISI 7.** Ana-Maria AVRAMESCU, *Creating photo-realistic works in a 3D scene using layers styles to create an animation*, Proceedings of Modern Technologies in Industrial Engineering “ModTech 2015”, IOP Conference Series: Materials Science and Engineering, Volume 95, conference 1, IOP Publishing Ltd, Mamaia, Romania, 17 – 20 June **2015**, open access. (WOS:000365128900115)

**ISI 8.** Ana-Maria AVRAMESCU, *Special effects used in creating 3D animated scenes – part 1*, Proceedings of Modern Technologies in Industrial Engineering “ModTech 2015”, IOP Conference Series: Materials Science and Engineering, Volume 95, conference 1, IOP Publishing Ltd, Mamaia, Romania, 17 – 20 June **2015**, open access. (WOS:000365128900116)

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**ISI 10.** Avramescu, A., (**2023**). 'The Importance and Necessity of New Bio-Based Materials in Industrial Design', *Materiale Plastice*, 60(1), pp. 121-127. (WOS:001042086100012)

**ISI 11.** Ana-Maria NICOLAU (AVRAMESCU), *Sustainable Perspectives Using Human Beings: The Sensory Properties of a Bio-Based Material Compared to a Synthetic Material—An Overall Assessment Based on an Innovative Blind Method*. *Sustainability* **2023**, *15*, 9145. <https://doi.org/10.3390/su15129145> (WOS:001017645700001)

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**ISI 13.** George IPATE, Constantin Daniel COTICI, Alina-Daiana IONESCU, Viorel FATU, Iuliana GAGEANU, Dan CUIBESCU, Ana Maria NICOLAU, *Evaluation of the thermal behavior of plants in the microgreenhouse with microbolometric image sensors*, *INMATEH - Agricultural Engineering*, Volume 71, No. 3, **2023**, ISSN 2068 - 2239, pp. 558-565. <https://doi.org/10.35633/inmateh-71-48> (WOS:001168498200001)

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- BDI 5.** *AVRAMESCU Ana-Maria*, Simion Ionel, Enache Ioana-Catalina, *Creating Realistic Images in a 3D Scene Using Illuminations and Renderings to Create an Animation*, ICEGD - International Conference on Engineering Graphics and Design, Scientific Bulletin of the "Politehnica" University of Timisoara, Romania, Tom 58(72), Fascicola1, ISSN 1224-6042, 2013, pp. 95-100.
- BDI 6.** Enache Ioana-Catalina, Simion Ionel, *AVRAMESCU Ana-Maria*, *Modeling and simulation of manufacturing architectures*, ICEGD - International Conference on Engineering Graphics and Design, Scientific Bulletin of the "Politehnica" University of Timisoara, Romania, Tom 58(72), Fascicola1, ISSN 1224-6042, 2013, pp. 51-54.
- BDI 7.** Alexandru ROVENȚA, *Ana-Maria AVRAMESCU*, *Design issues of portable machines*, Journal of Industrial Design and Engineering Graphics, vol. 8, issue 1, ISSN 1843 – 3766, june 2013, pp. 17-20.
- BDI 8.** *Ana-Maria AVRAMESCU*, Morad MAHDJOUR, Florence BAZZARO, Jean-Claude SAGOT, (2014), *Evaluation sensorielle tactile d'un matériau bio-sourcé : application aux éco-composites à base de fibres de lin*, Actes de la conférence Confère (colloque sur les sciences de l'innovation et de la conception), CONFERE 2014, 3-4 juillet, Sibenik, Croatie, 8 p.
- BDI 9.** Petcu A., Popa L., Toderasc P., Ciuperca R., Stefan V., *AVRAMESCU A.-M.*, *Distribution equipment used on administered for chemical fertilizers granular equipment*, International Symposium ISBTEH – INMATEH 2014, pp. 535-542, 30 October – 1 November 2014, ISBN 978-973-0-13670-8, Bucharest, Romania.
- BDI 10.** *AVRAMESCU A.-M.*, Ionita S., Juganaru E.-C., Toderasc P., Petcu A.S., Rugescu A.M., *A geometric modeling of screwdriver product design*, International Symposium ISBTEH – INMATEH 2014, pp. 561-566, 30 October – 1 November 2014, ISBN 978-973-0-13670-8, Bucharest, Romania.
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- BDI 15.** Petruța TODERAȘC, *Ana-Maria AVRAMESCU*, *Industrial lighting design idea: a new concept style lamp*, Journal of Industrial Design and Engineering Graphics, vol. 9, issue 2, ISSN 1843-3766, november 2014, pp. 33-36.
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- BDI 18.** MILITARU Constantin, JUGANARU Cristina, RAHIM Al-Ali Abdel, *AVRAMESCU Ana Maria*, *Some Considerations Regarding the Management Review in Certification Audit Process of Environmental*

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**BDI 26.** *AVRAMEȘCU A.-M.*, DOBRE C.-G., *The importance of the human evaluation assessment in sensory marketing*, International Symposium ISBTEH – INMATEH 2016, pp. 509-514, 27 – 29 October 2016, ISSN 2344 – 4118, Bucharest, Romania.

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**BDI 35.** Petruta PETCU, **Ana-Maria NICOLAU (AVRAMESCU)**, Ionela-Mihaela CONSTANTIN, Integrating the human factor and environmental needs in the design of a new product, International Journal of Manufacturing Economic and Management, ISSN 2784-1278 ISSN-L 2784-1278, Vol. III, No.2, / 2023, pp. 52-57

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