**LISTA COMPLETĂ A PUBLICAȚIILOR**

**CANDIDAT VASILIU ROXANA DIANA**

**TITLUL TEZEI DE DOCTORAT:**

*″Caracterizarea și evaluarea proprietăților optice și de suprafață a materialelor integral ceramice în raport cu termociclarea.* ″

*Coordonator științific* PROF.UNIV.DR.POROJAN LILIANA

*SUSȚINUTĂ 23.10.2020*

**ARTICOLE PUBLICATE ÎN EXTENSO ÎN REVISTE ISI**

1. Toma, FR; Porojan, SD; **Vasiliu, RD**; Porojan, L. The Effect of Polishing, Glazing, and Aging on Optical Characteristics of Multi-Layered Dental Zirconia with Different Degrees of Translucency. Journal of Functional Biomaterials. Feb 2023, vol 14,2. **FI 4,901**
2. Porojan, L.; Toma, F.R.; Bîrdeanu, M.I.; **Vasiliu, R.D**.; Matichescu, A. Topographical and Optical Characteristics of Thermoplastic Dental Appliances Materials Related to Water Sorption. J. Funct. Biomater. 24 febr, **2023**, 14(4), 190 **FI 4,901**
3. **Vasiliu RD,** Uțu ID, Rusu L, Boloș A, Porojan L. Fractographic and Microhardness Evaluation of All-Ceramic Hot-Pressed and CAD/CAM Restorations after Hydrothermal Aging. Materials (Basel). 2022 Jun 3;15(11):3987. doi: 10.3390/ma15113987. PMID: 35683294; PMCID: PMC9182156. **FI 3,4**
4. Porojan L, Toma FR, Bîrdeanu MI, **Vasiliu RD**, Uțu ID, Matichescu A. Surface Characteristics and Color Stability of Dental PEEK Related to Water Saturation and Thermal Cycling. Polymers (Basel). 2022 May 25;14(11):2144. doi: 10.3390/polym14112144. **FI 5**
5. Liliana Porojan,Flavia Roxana Toma ,Ion-Dragoș Uțu, **Roxana Diana Vasiliu.** Optical Behavior and Surface Analysis of Dental Resin Matrix Ceramics Related to Thermocycling and Finishing. Appl. Sci. 2022, 12(9), 4346; <https://doi.org/10.3390/app12094346> **FI 2,7**
6. Porojan L, **Vasiliu RD**, Porojan SD. Masking Abilities of Dental Cad/Cam Resin Composite Materials Related to Substrate and Luting Material. Polymers (Basel). 2022 Jan 18;14(3):364. doi: 10.3390/polym14030364. PMID: 35160353; PMCID: PMC8838689. **FI 5**
7. Porojan L, **Vasiliu RD**, Bîrdeanu MI, Porojan SD. Surface Characterisation of Dental Resin Composites Related to Conditioning and Finishing. Polymers (Basel). 2021 Dec 3;13(23):4236. doi: 10.3390/polym13234236.**FI 4,43**
8. Porojan L, Toma FR, **Vasiliu RD**, Topală FI, Porojan SD, Matichescu A. Optical Properties and Color Stability of Dental PEEK Related to Artificial Ageing and Staining. Polymers (Basel). 2021 Nov 25;13(23):4102. doi: 10.3390/polym13234102. **FI 4,43**

**ULTIMA LUCRAREA LUATĂ ÎN CONSIDERARE**

1. **Vasiliu RD**, Porojan SD, Porojan L. In Vitro Study of Comparative Evaluation of Marginal and Internal Fit between Heat-Pressed and CAD-CAM Monolithic Glass-Ceramic Restorations after Thermal Aging. Materials (Basel). 2020 Sep 23;13(19):4239. doi: 10.3390/ma13194239. PMID: 32977603; PMCID: PMC7579449.
2. Porojan L, **Vasiliu RD**, Porojan SD, Bîrdeanu MI. Surface Quality Evaluation of Removable Thermoplastic Dental Appliances Related to Staining Beverages and Cleaning Agents. Polymers (Basel). 2020 Aug 3;12(8):1736. doi: 10.3390/polym12081736. PMID: 32756439; PMCID: PMC7464035.
3. Porojan L, **Vasiliu RD**, Bîrdeanu MI, Porojan SD. Surface Characterization and Optical Properties of Reinforced Dental Glass-Ceramics Related to Artificial Aging. Molecules. 2020 Jul 28;25(15):3407. doi: 10.3390/molecules25153407. PMID: 32731378; PMCID: PMC7435760.
4. **Vasiliu RD**, Porojan SD, Bîrdeanu MI, Porojan L. Effect of Thermocycling, Surface Treatments and Microstructure on the Optical Properties and Roughness of CAD-CAM and Heat-Pressed Glass Ceramics. Materials (Basel). 2020 Jan 14;13(2):381. doi: 10.3390/ma13020381.
5. **Vasiliu, RD** ; Porojan, S ; Porojan, L . The Influence of Oral Environment on the Optical Properties of Heat- pressed Ceramics. Materiale Plastice MAR 2019 Vol. 56,1, 271-276.

**ARTICOLE PUBLICATE ÎN EXTENSO ÎN REVISTE INDEXATE BDI**

1. **Vasiliu, RD**; Utu, ID; Porojan, L. The effect of thermocycling on microhardness and surface roughness of two zirconia reinforced lithium silicate glass-ceramics. Materials Today Proceedings 45, FebR 2021,pg4247-4249, Special issue. DOI: 10.1016/j.matpr.2020.12.284

**PREZENTĂRI ÎN CADRUL CONFERINȚELOR NAȚIONALE -POSTERE ȘI COMUNICĂRI ORALE**

1. Effect of multiple firings on the optical properties of two dental ceramics.Vasiliu Roxana-Diana, Savencu Cristina, Lazău Radu; Topală Florin- Ionel, Porojan Liliana.- International Seminar on Biomaterials and Regenerative Medicine - BIOREMED 2017 –Timişoara, România Octombrie 05th -07th, 2017 Bioremed 2017.
2. Effect of thickness and surface processing on the translucency and opalescence of pressed dental ceramic.Roxana- Diana Vasiliu, Radu Lazău, Cristina Savencu, Liliana Porojan. Ropm-Am 5th International conference on powder metallurgy & advanced materials 17-20 Septembrie Cluj-Napoca, România, 2017.
3. Evaluation of different pH solutions on the mechanical behavior of two hot pressed dental ceramics. Vasiliu Roxana-Diana, Uţu Dragoş, Porojan Liliana.Advanced Materials and Structures – AMS 2018 International Conference at Politehnica University Timișoara 29 Martie, 2018.
4. The optical behavior of hot-pressed dental ceramics after different surface finishing in an aqueous environment. Vasiliu Roxana-Diana; Savencu Cristina-Elena; Porojan Sorin- Daniel; Boloṣ Adrian; Porojan Liliana. Simpozionului Napoca Biodent, poster, Cluj-Napoca, Clujul Medical –Journal of Medicine and Pharmacy Supplement No.4, Vol.91, 2018, ISSN 2066-8872.
5. Evaluation of optical properties and roughness of milled and hot-pressed lithium disilicate glass-ceramic after immersion in artificial saliva.Roxana –Diana Vasiliu, Sorin Porojan, Florin Topală, Liliana Porojan. International Seminar on Biomaterials and Regenerative Medicine 26-28 Septembrie, 2019 Craiova, Romania
6. Evaluarea proprietăților optice si a rugozității de suprafață după imersarea în salivă artificială a ceramicii cu disilicat de litiu obținută prin presare și frezare. Roxana-Vasiliu, Sorin Porojan, Florin Topala, Liliana Porojan. Congresul Naţional „Zilele Medicinei Dentare Craiovene” 6-8 IUNIE 2019.
7. Influenţa prelucrării de suprafaţă și a grosimii asupra proprietăţilor optice a ceramicilor obținute prin presare. Congresul de Medicină Dentară a Zilelor Stomatologice Bănățene, Timișoara, 16-18 mai 2019. Vasiliu Roxana, Savencu Cristina, Lazau Radu, Porojan Liliana.
8. The Effect Of Thermocycling On Microhardness And Surface Roughness Of Two Zirconia Reinforced Lithium Silicate Glass-Ceramics. Roxana Diana Vasiliu1\*, I D Uţu2 and L Porojan. AMS, Timișoara, 7-9 octombrie 2020.

**PREZENTĂRI ÎN CADRUL CONFERINȚELOR INTERNAȚIONALE-POSTERE**

1. In vitro comparison between a hot-pressed and a milled feldspathic glass ceramic regarding their optical properties and roughness’’. Roxana Diana Vasiliu, Liliana Porojan CED-IADR/NOF Oral Health Research Congres, September 19-21, 2019, Madrid , Spania.
2. Fracture resistance of zirconia reinforced lithium silicate dental restorations after thermocycling. R. D. Vasiliu ,L. Rusu, A. Boloș, S. D. Porojan, L. Porojan. 26-27 June 2022, 27th Congress of the European Society of Biomechanics, Porto, Portugal.
3. Effect of brushing on the surface micro roughness of different types of CAD/CAM ceramics. Vasiliu Roxana Diana, Porojan Sorin Daniel, Porojan Liliana. 28th Congress of the European Society of Biomechanics. 9-12 Iulie 2023, Maastricht, Olanda,
4. Effect of in vitro aging on the marginal adaptability of dental ceramic restorations. Vasiliu Roxana Diana, Porojan Sorin Daniel, Porojan Liliana. 36TH INT’L DENTAL CONFEX CAD/CAM DIGITAL & ORAL FACIAL AESTHETICS, Dubai. Statele Unite Arabe.