

VIRGIL-FLORIN DUMA

Lista Publicațiilor

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h-index = 25 (*ISI Web of Science*)

https://www.researchgate.net/profile/Virgil-Florin_Duma

Lucrări în reviste cotate în ISI Web of Science (**ISI Impact Factor (IF) = 146.687**)¹

69. M.C. Langă, D.F. Nica*, V.-F. Duma*, R.E. Herede, C. Sinescu, Dentigerous Cysts in Children: Clinical, Radiological, and Healing Aspects, *Medicina-Lithuania* **60**(7), 1133 (2024); ISSN 1648-9144; <https://doi.org/10.3390/medicina60071133>; **IF 2.4**; **Q1**

68. I.-R. Munteanu, R.-E. Luca*, E. Hoge, R.-A. Erdelyi, **V.-F. Duma***, L. Marsavina, A.-L. Globasu, G.-D. Constantin, D.C. Todea, Microbiological and Imaging-Based Evaluations of Photodynamic Therapy Combined with Er:YAG Laser Therapy in the In Vitro Decontamination of Titanium and Zirconia Surfaces, *Microorganisms* **12**(7), 1345 (2024); eISSN 2076-2607; <https://doi.org/10.3390/microorganisms12071345>; **IF 4.1/2023**; **Q2**

67. L. Popescu, E.L. Crăciunescu*, A.C. Novac, M.L. Negruțiu, **V.-F. Duma**, A Tudor, A. Mostovei, D. Jumanca, C. Sinescu, Nutritional profiling and sensory evaluation of novel hot chocolate recipes: a comparative study with a commercial brand, *Romanian J. of Oral Rehabilitation* **16**(2), 197-203 (2024); ISSN 2066-7000; **IF 0.6/2023**; DOI: 10.6261/RJOR.2024.2.16.19; **Q4**

66. A.C. Novac, A. Tudor*, D.M. Pop, C.S. Neagu, E.L. Craciunescu, M. Rominu, M.L. Negrutiu, **V.-F. Duma***, C. Sinescu, Conventional dental impressions vs. impressions reinforced with rigid mouthguards, *Polymers* **16**(7), 994 (2024); ISSN 2073-4360; <https://doi.org/10.3390/polym16070994>; **IF 4.7/2023**; WOS:001201615100001; **Q1**

65. A.C. Novac, D.M. Pop*, A. Tănase, C. Zaharia, E.L. Crăciunescu, M. Romînu, M.L. Negruțiu, **V.-F. Duma**, C. Sinescu, The advantages of the implementation of digital flow in the working time management of dental prostheses restorations, *Romanian J. of Oral Rehabilitation* **15**(4), 75-81 (2023); ISSN 2066-7000; **IF 0.6**; <http://rjor.ro/2023/12pdf>; **Q4**

64. A.C. Novac, V. Filip, D. Negrut, I. Moldovan, D.M. Pop*, A. Tănase, C. Zaharia, E.L. Crăciunescu, M.L. Negruțiu, M. Romînu, **V.-F. Duma**, C. Sinescu, Time assessment in classical vs digital impressions, *Romanian J. of Oral Rehabilitation* **15**(4), 494-500 (2023); ISSN 2066-7000; <http://rjor.ro/2023/12/1pdf>; **IF 0.6**; **Q4**

63. A.-C. Măroiu[#], A. Jivănescu*, D.-A. Șerban, R.-M. Negru[#], **V.-F. Duma***, C. Sinescu, M. Romînu, The influence of a novel, crenelated design of CAD-CAM ceramic veneers on the debonding strength, *Materials* **16**(10), 3694 (2023); EISSN 1996-1944; <https://doi.org/10.3390/ma16103694>; **IF 3.1**; **Q1**

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59. E.T. Stoica, C. Marcauteanu*, A. Tudor, **V.-F. Duma***, E.C. Amaricai, R. Onofrei, O. Suciu, M.-L. Negruțiu, C. Sinescu, Influence of the Text Neck Posture on the Static Dental Occlusion, *Medicina-Lithuania* **58**(9), 1303 (2022); ISSN 1648-9144; <https://doi.org/10.3390/medicina58091303>; **IF 2.6**; **Q3**

58. A.G. Gabor, **V.-F. Duma***, M.M.C. Fabricky, L. Marsavina, A. Tudor, C. Vancea, P. Negrea, C. Sinescu*, Ceramic Scaffolds for Bone Augmentation: Design and Characterization with SEM and Confocal Microscopy, *Materials* **15**(14), 4899 (2022); EISSN 1996-1944; <https://doi.org/10.3390/ma15144899>; **IF 3.4**; **Q2**

57. **V.-F. Duma***, M.-A. Duma, Optomechanical Analysis and Design of Polygon Mirror-Based Laser Scanners, *Applied Sciences* **12**(11), 5592 (2022); ISSN 2076-3417; **IF 2.7**; <https://doi.org/10.3390/app12115592>; **Q2**

¹ The corresponding author of the papers with multiple authors is indicated by the sign *

² [Materials](https://doi.org/10.3390/ma15238571) | Editor's Choice Articles in 2022 in the Section "Optics and Photonics" (mdpi.com)

56. L. Orel, O.-A. Velea-Barta, C. Sinescu, **V.-F. Duma**, L.-M. Nica*, R.M. Horhat, R.D. Chirila, A. Tudor, D.D. Vulcanescu, M.L. Negrutiu, Comparative Assessment of the Shaping Ability of Reciproc Blue, WaveOne Gold, and ProTaper Gold in Simulated Root Canals, *Materials* **15**(9), 3028 (2022); EISSN 1996-1944; <https://doi.org/10.3390/ma15093028>; **IF 3.4**; **Q1**
55. C. Serban, D. Lungeanu*, S.-D. Bota, C.C. Cotca, M.L. Negrutiu, **V.-F. Duma**, C. Sinescu, E.L. Craciunescu, Emerging Technologies for Dentin Caries Detection—A Systematic Review and Meta-Analysis. *J. of Clinical Medicine* **11**(3), 674 (2022). EISSN 2077-0383; <https://doi.org/10.3390/jcm11030674>; **IF 3.9**; **Q2**
54. M.-M. Togoe, E.-L. Craciunescu*, F.-I. Topala, C. Sinescu, L.M. Nica, C. Ionita, **V.-F. Duma**, M. Rominu, A. Gh. Podoleanu, M.-L. Negrutiu, Endodontic fillings evaluated using en face OCT, microCT and SEM, *Romanian J. of Morphology and Embryology* **62**(3), 793-780 (2021), ISSN 1220-0522, **IF 0.833**; [DOI: 10.47162/RJME.62.3.17](https://doi.org/10.47162/RJME.62.3.17); **Q4**
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40. **V.-F. Duma**, Optical attenuators with Risley prisms and disk choppers, *Proceedings of the Romanian Academy Series A* **20**(2), 141-150 (2019); ISSN 1454-9069; <https://acad.ro/proc/doc2019-2/05-Duma.pdf>; **IF 1.294; Q3**
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