

Analysis of elemental composition of a heat activated, multi-force, nickel titanium orthodontic archwire

Petrunov, V.; Andreeva, Laura; **Mikli, Valdek** Bulgarian chemical communications 2015 / p. 229-233 : ill

Elemental composition and structural characteristics of Bio-active™ orthodontic archwire

Stoyanova-Ivanova, Angelina K.; Mihailov, V.; Georgiev, Velizar; Georgieva, Mirela; Petrov, Valeri G.; Andreeva, Laura A.; Petrova, N.L.; **Mikli, Valdek** 23rd International Summer School on Vacuum, Electron and Ion Technologies 2023 : 18/09/2023-22/09/2023, Sozopol, Bulgaria 2024 / 5 p., art. 012029 <https://doi.org/10.1088/1742-6596/2710/1/012029> [Article at Scopus](#) [Conference proceedings at Scopus](#)

Influence of the interlayer temperature on structure and properties of CMT wire arc additive manufactured NiTi structures

Singh, Shalini; Palani, Iyemperumal Anand; Dehgahi, Shirin; Paul, Christ Prakash; **Prashanth, Konda Gokuldoss**; Jawad Qureshi, Ahmed Jawad Journal of Alloys and Compounds 2023 / art. 171447, 10 p. <https://doi.org/10.1016/j.jallcom.2023.171447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the treatment period on the morphology and the chemical composition of the thermally activated orthodontic archwires

Petrov, Valery; Terzieva, Stanimira; Tumbalev, V.; **Mikli, Valdek**; Andreeva, Laura; Stoyanova-Ivanova, Angelina Bulgarian chemical communications 2015 / p. 234-238 : ill

Investigation of mechanical and physicochemical properties of clinically retrieved titanium-niobium orthodontic archwires

Stoyanova-Ivanova, Angelina; Cherneva, Sabina; Petrunov, Vladimir; Petrova, Violeta; Ilievska, Ivana; **Mikli, Valdek**; Iankov, Roumen Acta of bioengineering and biomechanics 2020 / p. 31-39 <https://doi.org/10.37190/ABB-01486-2019-03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Keevitustraadid ja täidistraadid

Laansoo, Andres Tehnika ja Tootmine 1995 / 3, lk. 28-29

Microstructure and mechanical properties of NiTi-SS bimetallic structures built using wire arc additive manufacturing

Singh, Shalini; Jinoop, A. N.; Palani, Iyemperumal Anand; Paul, Christ Prakash; Tomar, K. P.; **Prashanth, Konda Gokuldoss** Materials letters 2021 / art. 130499, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130499> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physicochemical characterization on clinically retrieved TriTanium orthodontic archwires

Stoyanova-Ivanova, Angelina; Ilievska, Ivana; Petrova, Violeta P.; Gueorgieva, M.; Petrov, Valeri G.; Andreeva, Laura A.; Zaleski, Andrzej Janusz; **Mikli, Valdek** Bulgarian Chemical Communications 2018 / p. 73 - 79 http://www.bcc.bas.bg/bcc_volumes/Volume_50_Special_F_2018/P73-79_Pages%20from%20BCC_50_Spls_F_2018.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Physicochemical research of clinically retrieved CU-NI-TI orthodontic archwires

Stoyanova-Ivanova, Angelina; Petrov, Valeri G.; Petrova, Violeta P.; Andreeva, Laura A.; Ilievska, Ivana; Zaleski, Andrzej Janusz; **Mikli, Valdek** Acta Medica Bulgarica 2021 / p. 68 - 74 <https://doi.org/10.2478/amb-2021-0011> [Journal metrics at Scopus](#) [Article at Scopus](#)

Study of the impact of the treatment period on the surface characteristics of nitinol heat-activated orthodontic wires

Petrov, Valery; Andreeva, Laura; Terzieva, Stanimira; Stoyanova-Ivanova, Angelina; Kovacheva, Daniela; **Mikli, Valdek**; Ilievska, Ivana International journal of science and research (IJSR) 2015 / p. 3190-3193 : ill <http://www.ijsr.net/archive/v4i4/SUB153329.pdf>