

Outputs in 2022

- NAJAFZADEHKHOEE, A** - TALIMIAN, A - SEDLÁČEK, J - LISNICHUK, M - HVIZDOŠ, P - GALUSEK, D. Translucent yttrium oxide ceramics from low-density green bodies shaped by uniaxial pressing. In Journal of the European Ceramic Society, 2022, vol. 42, no. 11, p. 4623-4630. <https://doi.org/10.1016/j.jeurceramsoc.2022.04.036> **Category** V3 CC, IF(2021) 6,364, **Acknowledgements and contributions:** ITMS2014: 313011W442 (0.8), FG H2020 No 739566 (0.1), APVV 0019-10 (0.05), VEGA 2/0028/21 (0.05)
- NAJAFZADEHKHOEE, A - TALIMIAN, A** - POUCHLÝ, V - GALLARDO-LÓPEZ, Á - POYATO GALAN, R - KLEMENT, R - MACA, K - GUTIÉRREZ-MORA, F - GALUSEK, D. Densification behaviour and optical properties of nano-Y₂O₃ ceramics doped with bivalent transition metals. In Ceramics in Europe 2022: Abstract book. Kraków, 10.-14.7.2022. B.V., 2022, p. 164. ISBN 978-83-942760-9-6. **Category** O2, **Acknowledgements and contributions:** ITMS2014: 313011W442 (0.7), FG H2020 No 739566 (0.1), APVV 0019-10 (0.1), VEGA 2/0028/21 (0.1)
- TALIMIAN, A** - GALUSEK, D - NAJAFZADEHKHOEE, A - POUCHLÝ, V - MACA, K. Improving mechanical properties of laminated transparent ceramics by engineering residual stress profiles. In 15th International Ceramics Congress CIMTEC 2022, Perugia, 20.-24.6.2022. B.V., p. CA-7: L08. <http://2022.cimtec-congress.org/abstracts/15th-international-ceramics-congress>, **Category** O2, **Acknowledgements and contributions:** ITMS2014: 313011W442 (0.1), FG H2020 No 739566 (0.7), VEGA 2/0028/21 (0.1), VEGA 1/0191/20 (0.1)
- NAJAFZADEHKHOEE, A - TALIMIAN, A - GIRMAN, V - SPUSTA, T - HVIZDOŠ, P - MACA, K - GALUSEK, D. Liquid phase sintering of yttrium oxide. In FunGlass School 2022 : Book of abstracts. Čertov, 1.-3.6.2022. B.V., 2022, p. 11. ISBN 978-80-8075-976-6. **Category** V2, **Acknowledgements and contributions:** ITMS2014: 313011W442 (0.5), FG H2020 No 739566 (0.5)