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Journal articles indexed in SCI, SSCI, and AHCI

- I. **Buffer effects on the mosaic structure of the HR-GaN grown on 6H-SiC substrate by MOCVD**
Arslan E., Ozturk M. K., TIRAŞ E., TIRAŞ T., ÖZÇELİK S., ÖZBAY E.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.4, pp.3200-3209, 2017 (SCI-Expanded)
- II. **Biaxial flexural strength and phase transformation of Ce-TZP/Al₂O₃ and Y-TZP core materials after thermocycling and mechanical loading**
BANKOĞLU GÜNGÖR M., YILMAZ H., AYDIN C., NEMLİ S., TURHAN BAL B., TIRAŞ T.
JOURNAL OF ADVANCED PROSTHODONTICS, vol.6, no.3, pp.224-232, 2014 (SCI-Expanded)
- III. **Effect of fatigue on fracture toughness and phase transformation of Y-TZP ceramics by X-ray diffraction and Raman spectroscopy**
NEMLİ S., YILMAZ H., AYDIN C., TURHAN BAL B., TIRAŞ T.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.100B, no.2, pp.416-424, 2012 (SCI-Expanded)
- IV. **Effect of fatigue on biaxial flexural strength of bilayered porcelain/zirconia (Y-TZP) dental ceramics**
YILMAZ H., NEMLİ S., AYDIN C., TURHAN BAL B., TIRAŞ T.
DENTAL MATERIALS, vol.27, no.8, pp.786-795, 2011 (SCI-Expanded)