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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In vitro comparison of an Er:YAG laser-activated bleaching system with different light-activated bleaching systems for color change, surface roughness, and enamel bond strength**
ERGİN E., Ruya Yazici A., Kalender B., Usumez A., Ertan A., Gorucu J., Sari T.
Lasers in Medical Science, vol.33, no.9, pp.1913-1918, 2018 (SCI-Expanded)
- II. **The effect of different in-office bleaching techniques and etching procedures on bond strength of orthodontic brackets**
Gorucu-Coskuner H., YAZICI A. R., Gorucu J., Usumez A., KARA Ö.
Journal of Adhesion Science and Technology, vol.31, no.15, pp.1691-1699, 2017 (SCI-Expanded)
- III. **Influence of laser etching on enamel and dentin bond strength of Silorane System Adhesive**
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- IV. **Comparison of acid versus laser etching on the clinical performance of a fissure sealant: 24-month results**
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- V. **Comparison of the effects of Er,Cr:YSGG laser and different cavity disinfection agents on microleakage of current adhesives**
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- VI. **Sealing ability of retrofilling materials following various root-end cavity preparation techniques**
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- VII. **The effect of different preparation and etching procedures on the microleakage of direct composite veneer restorations**
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- VIII. **Clinical comparison of Bur- and laser-prepared minimally invasive occlusal resin composite restorations: Two-year follow-up**
YAZICI A. R., Baseren M., Gorucu J.
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- IX. **Effect of different adhesive systems and laser treatment on the shear bond strength of bleached enamel**
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- X. **Shear bond strength of composite bonded to erbium:yttrium-aluminum-garnet laser-prepared dentin**
Gurgan S, Kiremitci A, Cakir F. Y., Yazici E, Gorucu J, Gutknecht N.
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- XI. **Shear bond strength of composite bonded to Er,Cr:YSGG laser-prepared dentin**
Gurgan S, Kiremitci A, Cakir F. Y., Gorucu J, Alpaslan T, Yazici E, Gutknecht N.
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- XII. **Compressive shear bond strength of core buildup materials**
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- XIV. **Fracture resistance of teeth with class II bonded amalgam and new tooth-colored restorations**
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- XV. **Fracture strength of Class II slot cavities restored with polymerizable restorative materials**
Görücü J., Özgünaltay G.
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- XVI. **Effect of finishing and polishing procedures on the surface roughness of new tooth-coloured restoratives**
Özgünaltay G., YAZICI A. R., Görücü J.
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- XVII. **Fracture resistance of class II preformed ceramic insert and direct composite resin restorations**
Görücü J.
Journal of Dentistry, vol.31, no.1, pp.83-88, 2003 (SCI-Expanded)
- XVIII. **Effects of preparation designs and adhesive systems on retention of class II amalgam restorations**
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Journal of Prosthetic Dentistry, vol.78, no.3, pp.250-254, 1997 (SCI-Expanded)

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- I. **Effects of different cavity disinfectants on shear bond strength of a silorane-based resin composite**
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Journal of Contemporary Dental Practice, vol.12, no.4, pp.279-286, 2011 (Scopus)

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