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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**
Ustunkol I., YAZICI A. R., Gorucu J., Dayangac B.
Lasers in Medical Science, vol.30, no.2, pp.695-700, 2015 (SCI-Expanded)
- IV. **Comparison of acid versus laser etching on the clinical performance of a fissure sealant: 24-month results**
Karaman E., YAZICI A. R., Baseren M., Gorucu J.
Operative Dentistry, vol.38, no.2, pp.151-158, 2013 (SCI-Expanded)
- V. **Comparison of the effects of Er,Cr:YSGG laser and different cavity disinfection agents on microleakage of current adhesives**
ARSLAN S., YAZICI A. R., Görücü J., Pala K., Antonson D. E., Antonson S. A., SİLİCİ S.
Lasers in Medical Science, vol.27, no.4, pp.805-811, 2012 (SCI-Expanded)
- VI. **Sealing ability of retrofilling materials following various root-end cavity preparation techniques**
Koçak M. M., Koçak S., Aktuna S., Görücü J., Yaman S. D.
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- VII. **The effect of different preparation and etching procedures on the microleakage of direct composite veneer restorations**
Gorucu J., Gurgan S., Cakir F. Y., Bicer C. O., Gorucu H.
Photomedicine and Laser Surgery, vol.29, no.3, pp.205-211, 2011 (SCI-Expanded)
- 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.
Operative Dentistry, vol.35, no.5, pp.500-507, 2010 (SCI-Expanded)
- IX. **Effect of different adhesive systems and laser treatment on the shear bond strength of bleached enamel**
Gurgan S., Alpaslan T., Kiremitci A., Cakir F. Y., Yazici E., Gorucu J.
Journal of Dentistry, vol.37, no.7, pp.527-534, 2009 (SCI-Expanded)

- 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.
Lasers in Medical Science, vol.24, no.1, pp.117-122, 2009 (SCI-Expanded)
- 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.
Photomedicine and Laser Surgery, vol.26, no.5, pp.495-500, 2008 (SCI-Expanded)
- XII. **Compressive shear bond strength of core buildup materials**
Görücü J, Saygili G., Özgünaltay G.
International Journal of Periodontics and Restorative Dentistry, vol.26, no.2, pp.183-189, 2006 (SCI-Expanded)
- XIII. **Fracture resistance of class II packable composite restorations with and without flowable liners**
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Journal of Oral Rehabilitation, vol.32, no.2, pp.111-115, 2005 (SCI-Expanded)
- XIV. **Fracture resistance of teeth with class II bonded amalgam and new tooth-colored restorations**
Görücü J., Özgünaltay G.
Operative Dentistry, vol.28, no.5, pp.501-507, 2003 (SCI-Expanded)
- XV. **Fracture strength of Class II slot cavities restored with polymerizable restorative materials**
Görücü J., Özgünaltay G.
Polymers for Advanced Technologies, vol.14, no.8, pp.586-591, 2003 (SCI-Expanded)
- XVI. **Effect of finishing and polishing procedures on the surface roughness of new tooth-coloured restoratives**
Özgünaltay G., YAZICI A. R., Görücü J.
Journal of Oral Rehabilitation, vol.30, no.2, pp.218-224, 2003 (SCI-Expanded)
- 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**
Görücü J., Tiritoglu M., Ozgünaltay G.
Journal of Prosthetic Dentistry, vol.78, no.3, pp.250-254, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Surface conditioning of artificial caries lesions with Er, Cr:YSGG laser before resin infiltration: an in vitro study**
Kalender B., Lausch J., Gutknecht N., GÖRÜCÜ J.
Lasers in Dental Science, vol.8, no.1, 2024 (Scopus)
- II. **Effects of different cavity disinfectants on shear bond strength of a silorane-based resin composite**
ARSLAN S., YAZICI A. R., Gorucu J., Ertan A., Pala K., ÜSTÜN Y., Antonson S. A., Antonson D. E.
Journal of Contemporary Dental Practice, vol.12, no.4, pp.279-286, 2011 (Scopus)

Metrics

Publication: 20

Citation (WoS): 262

Citation (Scopus): 350

H-Index (WoS): 9

H-Index (Scopus): 10