

Merve Akay

List of Publications by Year in descending order

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30
papers

951
citations

471509

17
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of ProTaper Universal, ProTaper Next, and HyFlex Instruments on Crack Formation in Dentin. <i>Journal of Endodontics</i> , 2014, 40, 1482-1484.	3.1	107
2	Dentinal tubule penetration of AH Plus, iRoot SP, MTA fillapex, and guttaflow bioseal root canal sealers after different final irrigation procedures: A confocal microscopic study. <i>Lasers in Surgery and Medicine</i> , 2016, 48, 70-76.	2.1	102
3	An In-Vitro Comparison of Apically Extruded Debris and Instrumentation Times with ProTaper Universal, ProTaper Next, Twisted File Adaptive, and HyFlex Instruments. <i>Journal of Endodontics</i> , 2014, 40, 1638-1641.	3.1	94
4	Spectrophotometric Analysis of Crown Discoloration Induced by Various Antibiotic Pastes Used in Revascularization. <i>Journal of Endodontics</i> , 2014, 40, 845-848.	3.1	91
5	Removal of Filling Materials from Oval-shaped Canals Using Laser Irradiation: A Micro-computed Tomographic Study. <i>Journal of Endodontics</i> , 2015, 41, 219-224.	3.1	50
6	Effect of photon-initiated photoacoustic streaming, passive ultrasonic, and sonic irrigation techniques on dentinal tubule penetration of irrigation solution: a confocal microscopic study. <i>Clinical Oral Investigations</i> , 2017, 21, 2205-2212.	3.0	46
7	Efficacy of Needle Irrigation, EndoActivator, and Photon-initiated Photoacoustic Streaming Technique on Removal of Double and Triple Antibiotic Pastes. <i>Journal of Endodontics</i> , 2014, 40, 1439-1442.	3.1	41
8	The Effect of Medicaments Used in Endodontic Regeneration Technique on the Dislocation Resistance of Mineral Trioxide Aggregate to Root Canal Dentin. <i>Journal of Endodontics</i> , 2014, 40, 2041-2044.	3.1	34
9	Effect of PIPS technique at different power settings on irrigating solution extrusion. <i>Lasers in Medical Science</i> , 2015, 30, 1641-1645.	2.1	32
10	Effect of novel restorative materials and retention slots on fracture resistance of endodontically-treated teeth. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 96-102.	1.6	31
11	Effect of Calcium Hydroxide and Double and Triple Antibiotic Pastes on the Bond Strength of Epoxy Resin-based Sealer to Root Canal Dentin. <i>Journal of Endodontics</i> , 2014, 40, 1663-1667.	3.1	30
12	Effect of Different Torque Settings on Crack Formation in Root Dentin. <i>Journal of Endodontics</i> , 2016, 42, 304-306.	3.1	30
13	Evaluation of the bond strength of root-end placed mineral trioxide aggregate and Biodentine in the absence/presence of blood contamination. <i>European Journal of Dentistry</i> , 2016, 10, 370-375.	1.7	27
14	Effect of silver diamine fluoride and ammonium hexafluorosilicate applications with and without Er:YAG laser irradiation on the microtensile bond strength in sound and caries-affected dentin. <i>Lasers in Surgery and Medicine</i> , 2016, 48, 62-69.	2.1	27
15	The efficacy of laser, ultrasound and self-adjustable file in removing smear layer debris from oval root canals following retreatment: A scanning electron microscopy study. <i>Australian Endodontic Journal</i> , 2016, 42, 104-111.	1.5	26
16	A cone-beam computed tomographic study of root canal systems in mandibular premolars in a Turkish population: Theoretical model for determining orifice shape. <i>European Journal of Dentistry</i> , 2015, 09, 011-019.	1.7	25
17	Evaluation of Effectiveness of Various Irrigating Solutions on Removal of Calcium Hydroxide Mixed with 2% Chlorhexidine Gel and Detection of Orange-brown Precipitate after Removal. <i>Journal of Endodontics</i> , 2014, 40, 1820-1823.	3.1	22
18	The effect of photon-initiated photoacoustic streaming, ultrasonically and sonically irrigation techniques on the push-out bond strength of a resin sealer to the root dentin. <i>Clinical Oral Investigations</i> , 2015, 19, 1055-1061.	3.0	19

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19	The effect of sodium hypochlorite application on the success of calcium hydroxide and mineral trioxide aggregate pulpotomies in primary teeth. <i>Pediatric Dentistry (discontinued)</i> , 2014, 36, 316-21.	0.4	16
20	Clinical, radiographic, and histological evaluation of three different pulp-capping materials in indirect pulp treatment of primary teeth: a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2021, 25, 3945-3955.	3.0	15
21	Effects of sodium hypochlorite as disinfectant material previous to pulpotomies in primary teeth. <i>Clinical Oral Investigations</i> , 2015, 19, 803-811.	3.0	13
22	Comparison of bleaching efficacy of two bleaching agents on teeth discoloured by different antibiotic combinations used in revascularization. <i>Clinical Oral Investigations</i> , 2015, 19, 1437-1442.	3.0	13
23	Delayed Replantation of Avulsed Teeth: Two Case Reports. <i>Case Reports in Dentistry</i> , 2015, 2015, 1-5.	0.5	10
24	Bleaching effect of activation of hydrogen peroxide using photon-initiated photoacoustic streaming technique. <i>Clinical Oral Investigations</i> , 2015, 19, 253-259.	3.0	10
25	Influence of ozone application in the stepwise excavation of primary molars: a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2020, 24, 3529-3538.	3.0	10
26	Effectiveness of the ozone application in two-visit indirect pulp therapy of permanent molars with deep carious lesion: a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2019, 23, 3789-3799.	3.0	9
27	Comparison of bond strength of self-etch adhesive to pulp chamber dentin after placement of calcium hydroxide and various antibiotic pastes. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 226-231.	1.6	8
28	Fracture Resistance of Endodontically Retreated Roots After Retreatment Using Self-Adjusting File, Passive Ultrasonic Irrigation, Photon-Induced Photoacoustic Streaming, or Laser. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 467-472.	2.0	5
29	Multidisciplinary Management of Complicated Crown-Root Fracture of an Anterior Tooth Undergoing Apexification. <i>Case Reports in Dentistry</i> , 2015, 2015, 1-5.	0.5	4
30	Effects of pulp capping materials on fracture resistance of Class II composite restorations. <i>European Journal of Dentistry</i> , 2015, 09, 218-223.	1.7	4