Hagay Shemesh

List of Publications by Year
in descending order

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69 papers	3,329 citations	172207 29 h-index	149479 56 g-index
71 all docs	71 docs citations	71 times ranked	2079 citing authors

#	Article	IF	Citations
1	The effect of photodynamic therapy on postoperative pain in teeth with primary endodontic infection. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102700.	1.3	11
2	Establishing the research agenda for oral healthcare using the Dialogue Modelâ€"patient involvement in a joint research agenda with practitioners. European Journal of Oral Sciences, 2022, 130, e12842.	0.7	4
3	Microcomputed Tomographic Assessment of the Single Cone Root Canal Fillings Performed by Undergraduate Student, Postgraduate Student and Specialist Endodontist. Journal of Clinical Medicine, 2021, 10, 1080.	1.0	3
4	Research priorities for oral healthcare: agenda setting from the practitionersâ€™ perspective. Acta Odontologica Scandinavica, 2021, 79, 451-457.	0.9	3
5	Bacterial Colonization and Proliferation in Furcal Perforations Repaired by Different Materials: A Confocal Laser Scanning Microscopy Study. Applied Sciences (Switzerland), 2021, 11, 3403.	1.3	3
6	Diagnosis of Vertical Root Fractures by Cone-beam Computed Tomography in Root-filled Teeth with Confirmation by Direct Visualization: A Systematic Review and Meta-Analysis. Journal of Endodontics, 2021, 47, 1198-1214.	1.4	32
7	Porosity Distribution in Single Cone Root Canal Fillings Performed by Operators with Different Clinical Experience: A microCT Assessment. Journal of Clinical Medicine, 2021, 10, 2569.	1.0	5
8	Reduction of dualâ€species biofilm after sonicâ€or ultrasonicâ€activated irrigation protocols: A laboratory study. International Endodontic Journal, 2021, 54, 2219-2228.	2.3	9
9	Multimodular Assessment of a Traumatic Bone Cyst Overlapped with Apical Periodontitis. Case Reports in Dentistry, 2020, 2020, 1-7.	0.2	0
10	The Invasion of Bacterial Biofilms into the Dentinal Tubules of Extracted Teeth Retrofilled with Fluorescently Labeled Retrograde Filling Materials. Applied Sciences (Switzerland), 2020, 10, 6996.	1.3	6
11	Root Canal Preparation Does Not Induce Dentinal Microcracks InÂVivo. Journal of Endodontics, 2019, 45, 1258-1264.	1.4	21
12	Ultrasound Examination to Visualize and Trace Sinus Tracts of Endodontic Origin. Journal of Endodontics, 2019, 45, 1184-1191.	1.4	11
13	Porosity Distribution in Apically Perforated Curved Root Canals Filled with Two Different Calcium Silicate Based Materials and Techniques: A Micro-Computed Tomography Study. Materials, 2019, 12, 1729.	1.3	10
14	Acidic and alkaline chemicalsâ€™ influence on a tricalcium silicateâ€based dental biomaterial. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 377-387.	1.6	15
15	Ultrasound examination with color power Doppler to assess the early response of apical periodontitis to the endodontic treatment. Clinical Oral Investigations, 2018, 22, 131-140.	1.4	9
16	Outcome of secondary root canal treatment filled with Thermafil: a 5-year follow-up of retrospective cohort study. Clinical Oral Investigations, 2018, 22, 1363-1373.	1.4	19
17	Dehydration Induces Cracking in Root Dentin Irrespective of Instrumentation: A Two-dimensional and Three-dimensional Study. Journal of Endodontics, 2018, 44, 120-125.	1.4	41
18	Intra-manufacture Diameter Variability of Rotary Files and Their Corresponding Gutta-Percha Cones Using Laser Scan Micrometre. Iranian Endodontic Journal, 2018, 13, 159-162.	0.8	1

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19	Feasibility of Cone-beam Computed Tomography in Detecting Lateral Canals before and after Root Canal Treatment: An ExÂVivo Study. Journal of Endodontics, 2017, 43, 1014-1017.	1.4	16
20	Preexisting Dentinal Microcracks in Nonendodontically Treated Teeth: An ExÂVivo Microâ€“computed Tomographic Analysis. Journal of Endodontics, 2017, 43, 896-900.	1.4	37
21	Development of Periapical Lesions in Endodontically Treated Teeth with and without Periodontal Involvement: A Retrospective Cohort Study. Journal of Endodontics, 2017, 43, 1246-1249.	1.4	22
22	Diagnosis of Vertical Root Fractures in Restored Endodontically Treated Teeth: A Time-dependent Retrospective Cohort Study. Journal of Endodontics, 2016, 42, 1175-1180.	1.4	95
23	Synchrotron-based Phase Contrast-enhanced Microâ€“Computed Tomography Reveals Delaminations and Material Tearing in Water-expandable Root Fillings ExÂVivo. Journal of Endodontics, 2016, 42, 776-781.	1.4	13
24	Endodontic instrumentation and root filling procedures: effect on mechanical integrity of dentin. Endodontic Topics, 2015, 33, 43-49.	0.5	12
25	Influence of Irrigation Sequence on the Adhesion of Root Canal Sealers to Dentin: A Fourier Transform Infrared Spectroscopy and Push-out Bond Strength Analysis. Journal of Endodontics, 2015, 41, 1108-1111.	1.4	89
26	Outcome of Direct Pulp Capping with Mineral Trioxide Aggregate: A Prospective Study. Journal of Endodontics, 2015, 41, 1026-1031.	1.4	91
27	The effect of root dentin conditioning protocols on the push-out bond strength of three calcium silicate sealers. International Journal of Adhesion and Adhesives, 2015, 60, 104-108.	1.4	27
28	Porosity distribution in root canals filled with gutta percha and calcium silicate cement. Dental Materials, 2015, 31, 1100-1108.	1.6	43
29	A Central Incisor with 4 Independent Root Canals: A Case Report. Journal of Endodontics, 2015, 41, 1903-1906.	1.4	4
30	Accuracy of Cone-beam Computed Tomography inÂtheÂDetection of a Second Mesiobuccal Root Canal inÂEndodontically Treated Teeth: An ExÂVivo Study. Journal of Endodontics, 2015, 41, 1678-1681.	1.4	31
31	The correlation between fluid transport and pushâ€out strength in root canals filled with a methacrylateâ€based filling material. International Endodontic Journal, 2015, 48, 193-198.	2.3	9
32	Cone beam computed tomography in <scp>E</scp>ndodontics â€“ a review. International Endodontic Journal, 2015, 48, 3-15.	2.3	281
33	Clinical applications of cone beam computed tomography in endodontics: A comprehensive review. Quintessence International, 2015, 46, 465-80.	0.3	9
34	Clinical applications of cone beam computed tomography in endodontics: A comprehensive review. Quintessence International, 2015, 46, 657-68.	0.3	3
35	European Society of Endodontology position statement: The use of CBCT in Endodontics. International Endodontic Journal, 2014, 47, 502-504.	2.3	211
36	Detection and measurement of artificial periapical lesions by coneâ€beam computed tomography. International Endodontic Journal, 2014, 47, 332-338.	2.3	66

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37	Interference of Electronic Apex Locators with Implantable Cardioverter Defibrillators. Journal of Endodontics, 2014, 40, 277-280.	1.4	19
38	Effect of a two-step placement procedure on the dislocation resistance of a methacrylate resin-based root canal sealer: a proof of concept. Journal of Adhesive Dentistry, 2014, 16, 567-74.	0.3	4
39	Area and 3-dimensional Volumetric Changes of Periapical Lesions after Root Canal Treatments. Journal of Endodontics, 2013, 39, 1245-1249.	1.4	39
40	Incidence of Apical Root Cracks and Apical Dentinal Detachments after Canal Preparation with Hand and Rotary Files at Different Instrumentation Lengths. Journal of Endodontics, 2013, 39, 129-132.	1.4	106
41	Effects of Self-Adjusting File, Mtwo, and ProTaper on the Root Canal Wall. Journal of Endodontics, 2013, 39, 262-264.	1.4	102
42	The Validity of Cone-beam Computed Tomography in Measuring Root Canal Length Using a Gold Standard. Journal of Endodontics, 2013, 39, 1607-1610.	1.4	33
43	Bisphosphonates and their clinical implications in endodontic therapy. International Endodontic Journal, 2013, 46, 391-398.	2.3	32
44	The Incidence of Root Microcracks Caused by 3 Different Single-file Systems versus the ProTaper System. Journal of Endodontics, 2013, 39, 1054-1056.	1.4	176
45	Removal of Gutta-percha from Root Canals Using the Self-Adjusting File. Journal of Endodontics, 2012, 38, 1004-1006.	1.4	26
46	The association between complete absence of post-treatment periapical lesion and quality of root canal filling. Clinical Oral Investigations, 2012, 16, 1619-1626.	1.4	42
47	The ability of coneâ€beam computed tomography to detect simulated buccal and lingual recesses in root canals. International Endodontic Journal, 2012, 45, 724-729.	2.3	16
48	Damage to Root Dentin During Retreatment Procedures. Journal of Endodontics, 2011, 37, 63-66.	1.4	95
49	The Use of Cone-beam Computed Tomography and Digital Periapical Radiographs to Diagnose Root Perforations. Journal of Endodontics, 2011, 37, 513-516.	1.4	83
50	Identification of root filling interfaces by microscopy and tomography methods. International Endodontic Journal, 2011, 44, 395-401.	2.3	60
51	Editorial. International Endodontic Journal, 2011, 44, 887-888.	2.3	11
52	New terms for categorizing the outcome of root canal treatment. International Endodontic Journal, 2011, 44, 1079-1080.	2.3	33
53	Incidence of dentinal defects after root canal filling procedures. International Endodontic Journal, 2010, 43, 995-1000.	2.3	64
54	The effects of canal preparation and filling on the incidence of dentinal defects. International Endodontic Journal, 2009, 42, 208-213.	2.3	223

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55	Limitations of previously published systematic reviews evaluating the outcome of endodontic treatment. International Endodontic Journal, 2009, 42, 656-666.	2.3	160
56	Reliability of assessing dye penetration along root canal fillings using methylene blue. Australian Endodontic Journal, 2009, 35, 158-163.	0.6	14
57	The Ability of Different Nickel-Titanium Rotary Instruments To Induce Dentinal Damage During Canal Preparation. Journal of Endodontics, 2009, 35, 236-238.	1.4	264
58	Glucose reactivity with filling materials as a limitation for using the glucose leakage model. International Endodontic Journal, 2008, 41, 869-872.	2.3	48
59	To the Editor:. Journal of Endodontics, 2008, 34, 512.	1.4	3
60	Diagnosis of Vertical Root Fractures with Optical Coherence Tomography. Journal of Endodontics, 2008, 34, 739-742.	1.4	111
61	Comparability of results from two leakage models. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 309-313.	1.6	24
62	Limitations of the glucose leakage model due to reactivity of glucose with MTA. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 626.	1.6	2
63	The Ability of Optical Coherence Tomography to Characterize the Root Canal Walls. Journal of Endodontics, 2007, 33, 1369-1373.	1.4	60
64	High frequency ultrasound imaging of a single-species biofilm. Journal of Dentistry, 2007, 35, 673-678.	1.7	16
65	An evaluation of the influence of passive ultrasonic irrigation on the seal of root canal fillings. International Endodontic Journal, 2007, 40, 356-361.	2.3	45
66	Glucose penetration and fluid transport through coronal root structure and filled root canals. International Endodontic Journal, 2007, 40, 866-872.	2.3	29
67	Leakage along apical root fillings with and without smear layer using two different leakage models: a two-month longitudinal ex vivo study. International Endodontic Journal, 2006, 39, 968-976.	2.3	86
68	Protective effect of Copalite surface coating on mercury release from dental amalgam following treatment with carbamide peroxide. Dental Traumatology, 2000, 16, 107-110.	0.8	12
69	Mercury release from dental amalgam after treatment with 10% carbamide peroxide in vitro. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2000, 89, 216-219.	1.6	25