

Bill Kahler

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,678
citations

236925

25
h-index

189892

50
g-index

64
all docs

64
docs citations

64
times ranked

2121
citing authors

#	ARTICLE	IF	CITATIONS
1	International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 1. Fractures and luxations. Dental Traumatology, 2020, 36, 314-330.	2.0	278
2	International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 2. Avulsion of permanent teeth. Dental Traumatology, 2020, 36, 331-342.	2.0	252
3	Regenerative endodontics: a comprehensive review. International Endodontic Journal, 2018, 51, 1367-1388.	5.0	243
4	International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 3. Injuries in the primary dentition. Dental Traumatology, 2020, 36, 343-359.	2.0	166
5	Revascularization Outcomes: A Prospective Analysis of 16 Consecutive Cases. Journal of Endodontics, 2014, 40, 333-338.	3.1	132
6	Fracture-toughening mechanisms responsible for differences in work to fracture of hydrated and dehydrated dentine. Journal of Biomechanics, 2003, 36, 229-237.	2.1	131
7	Diagnosis and management of teeth with vertical root fractures. Australian Dental Journal, 1999, 44, 75-87.	1.5	112
8	A Review of Tooth Discoloration after Regenerative Endodontic Therapy. Journal of Endodontics, 2016, 42, 563-569.	3.1	107
9	Regenerative endodontics – biologically based treatment for immature permanent teeth: a case report and review of the literature. Australian Dental Journal, 2010, 55, 446-452.	1.5	96
10	Pulpal Response after Acute Dental Injury in the Permanent Dentition: Clinical Implications – A Review. Journal of Endodontics, 2015, 41, 299-308.	3.1	89
11	Splinting of teeth following trauma: a review and a new splinting recommendation. Australian Dental Journal, 2016, 61, 59-73.	1.5	74
12	Vital pulp therapy of mature permanent teeth with irreversible pulpitis from the perspective of pulp biology. Australian Endodontic Journal, 2020, 46, 154-166.	1.5	74
13	An evidence-based appraisal of splinting luxated, avulsed and root-fractured teeth. Dental Traumatology, 2008, 24, 2-10.	2.0	61
14	An Evidence-based Review of the Efficacy of Treatment Approaches for Immature Permanent Teeth with Pulp Necrosis. Journal of Endodontics, 2017, 43, 1052-1057.	3.1	58
15	Endodontic Treatment Outcomes. Dental Clinics of North America, 2017, 61, 59-80.	1.8	56
16	Regenerative Endodontic Procedures for Traumatized Teeth after Horizontal Root Fracture, Avulsion, and Perforating Root Resorption. Journal of Endodontics, 2016, 42, 1476-1482.	3.1	50
17	Mineral Trioxide Aggregate – A Review of Properties and Testing Methodologies. Materials, 2017, 10, 1261.	2.9	40
18	Clinical cell-based versus cell-free regenerative endodontics: clarification of concept and term. International Endodontic Journal, 2021, 54, 887-901.	5.0	40

#	ARTICLE	IF	CITATIONS
19	The Effect of Long-term Dressing with Calcium Hydroxide on the Fracture Susceptibility of Teeth. <i>Journal of Endodontics</i> , 2018, 44, 464-469.	3.1	37
20	Alkaline Sodium Hypochlorite Irrigant and Its Chemical Interactions. <i>Materials</i> , 2017, 10, 1147.	2.9	35
21	Tooth discolouration: Staining effects of various sealers and medicaments. <i>Australian Endodontic Journal</i> , 2012, 38, 2-9.	1.5	31
22	Diagnosis of acute dental trauma: the importance of standardized documentation: a review. <i>Dental Traumatology</i> , 2015, 31, 340-349.	2.0	31
23	D90: The Strongest Contributor to Setting Time in Mineral Trioxide Aggregate and Portland Cement. <i>Journal of Endodontics</i> , 2015, 41, 1146-1150.	3.1	27
24	A REVIEW OF REGENERATIVE ENDODONTICS: CURRENT PROTOCOLS AND FUTURE DIRECTIONS. <i>Journal of Istanbul University Faculty of Dentistry</i> , 2017, 51, S41-S51.	0.2	27
25	On the design of dental resin-based composites: A micromechanical approach. <i>Acta Biomaterialia</i> , 2008, 4, 165-172.	8.3	26
26	Healing responses following transverse root fracture: a historical review and case reports showing healing with (a) calcified tissue and (b) dense fibrous connective tissue. <i>Dental Traumatology</i> , 2013, 29, 253-265.	2.0	24
27	Effect of material properties on stresses at the restorationâ€“dentin interface of composite restorations during polymerization. <i>Dental Materials</i> , 2006, 22, 942-947.	3.5	23
28	Continued root maturation despite persistent apical periodontitis of immature permanent teeth after failed regenerative endodontic therapy. <i>Australian Endodontic Journal</i> , 2018, 44, 292-299.	1.5	23
29	A survey of various endodontic procedures related to mineral trioxide aggregate usage by members of the Australian Society of Endodontology. <i>Australian Endodontic Journal</i> , 2016, 42, 132-138.	1.5	22
30	Modified Apexification Procedure for Immature Permanent Teeth with a Necrotic Pulp/Apical Periodontitis: A Case Series. <i>Journal of Endodontics</i> , 2020, 46, 116-123.	3.1	22
31	The cervical wedgeâ€“shaped lesion in teeth: a light and electron microscopic study. <i>Australian Dental Journal</i> , 2009, 54, 212-219.	1.5	19
32	Methodologies for measuring the setting times of mineral trioxide aggregate and Portland cement products used in dentistry. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2016, 2, 25-30.	4.0	19
33	Alkaline Materials and Regenerative Endodontics: A Review. <i>Materials</i> , 2017, 10, 1389.	2.9	19
34	The Effect of Heating to Intracanal Temperature on the Stability of Sodium Hypochlorite Admixed with Etidronate or EDTA for Continuous Chelation. <i>Journal of Endodontics</i> , 2019, 45, 57-61.	3.1	19
35	From an assessment of multiple chelators, clodronate has potential for use in continuous chelation. <i>International Endodontic Journal</i> , 2020, 53, 122-134.	5.0	18
36	Deconvolution of the particle size distribution of ProRoot MTA and MTA Angelus. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2016, 2, 7-11.	4.0	16

#	ARTICLE	IF	CITATIONS
37	Regenerative Endodontic Procedures for Traumatized Immature Permanent Teeth with Severe External Root Resorption and Root Perforation. <i>Journal of Endodontics</i> , 2020, 46, 1610-1615.	3.1	16
38	Particle Size Changes in Unsealed Mineral Trioxide Aggregate Powder. <i>Journal of Endodontics</i> , 2014, 40, 423-426.	3.1	14
39	Revascularization-associated Intracanal Calcification: A Case Report with an 8-year Review. <i>Journal of Endodontics</i> , 2018, 44, 1792-1795.	3.1	14
40	Limited Evidence Suggests Benefits of Single Visit Revascularization Endodontic Procedures - A Systematic Review. <i>Brazilian Dental Journal</i> , 2019, 30, 527-535.	1.1	14
41	On material choice and fracture susceptibility of restored teeth: An asymptotic stress analysis approach. <i>Dental Materials</i> , 2006, 22, 1109-1114.	3.5	12
42	Organic Tissue Dissolution in Clodronate and Etidronate Mixtures with Sodium Hypochlorite. <i>Journal of Endodontics</i> , 2020, 46, 289-294.	3.1	11
43	Present status and future directions "Managing discoloured teeth. <i>International Endodontic Journal</i> , 2022, 55, 922-950.	5.0	11
44	The influence of particle size and curing conditions on testing mineral trioxide aggregate cement. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2016, 2, 130-137.	4.0	9
45	Classification and Nomenclature of Commercial Hygroscopic Dental Cements. <i>European Endodontic Journal</i> , 2017, 2, 27-27.	0.6	9
46	Current Developments in Regenerative Endodontics. <i>Current Oral Health Reports</i> , 2016, 3, 293-301.	1.6	8
47	Microsurgical endodontic retreatment of post restored posterior teeth: A case series. <i>Australian Endodontic Journal</i> , 2010, 36, 114-121.	1.5	7
48	Alkaline Material Effects on Roots of Teeth. <i>Materials</i> , 2017, 10, 1412.	2.9	7
49	Rheological Characterization as an Alternative Method to Indentation for Determining the Setting Time of Restorative and Endodontic Cements. <i>Materials</i> , 2017, 10, 1451.	2.9	7
50	Dental Material Choices for Pulp Therapy in Paediatric Dentistry. <i>European Endodontic Journal</i> , 2017, 2, 1-1.	0.6	6
51	Comparison of an analytical expression of resin composite curing stresses with in vitro observations of marginal cracking. <i>American Journal of Dentistry</i> , 2010, 23, 357-64.	0.1	6
52	Microsurgical endodontic retreatment of a maxillary molar with a separated file: a case report. <i>Australian Dental Journal</i> , 2011, 56, 76-81.	1.5	5
53	Healing of a Cyst-like Lesion Involving an Implant with Nonsurgical Management. <i>Journal of Endodontics</i> , 2015, 41, 749-752.	3.1	5
54	Multiple assessment methodologies in determining the antibiofilm actions of sodium hypochlorite mixed with clodronate or etidronate in endodontic irrigation. <i>Journal of Microbiological Methods</i> , 2021, 180, 106107.	1.6	5

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55	Traumatic bone cyst suggestive of a chronic periapical abscess: A case report. Australian Endodontic Journal, 2011, 37, 73-75.	1.5	4
56	Sequelae to trauma to immature maxillary central incisors: a case report. Dental Traumatology, 2008, 24, e85-90.	2.0	3
57	The effect of temperature on the stability of sodium hypochlorite in a continuous chelation mixture containing the chelator clodronate. Australian Endodontic Journal, 2020, 46, 244-248.	1.5	3
58	Ingrowth of Mineralized Tissue into the Root Canal of Immature Permanent Teeth after a Traumatic Injury: A Report of 3 Cases. Journal of Endodontics, 2021, 47, 1507-1514.	3.1	3
59	Endodontic retreatment of maxillary incisors previously treated with a conventional apexification protocol: A case report. Australian Endodontic Journal, 2011, 37, 31-35.	1.5	1
60	Resistance to compressive force in continuous chelation. Australian Endodontic Journal, 2020, 47, 150-156.	1.5	1
61	Aspects of wear and tear of tooth structure. Annals of the Royal Australasian College of Dental Surgeons, 2010, 20, 59-63.	0.0	0
62	Regenerative endodontic procedures for two traumatized mature anterior teeth with transverse root fractures. BMC Oral Health, 2022, 22, 124.	2.3	0
63	How far have we come? A historic scoping review of dental traumatology literature. Dental Traumatology, 0, , .	2.0	0