CITATION REPORT List of articles citing

Mineral trioxide aggregate: a comprehensive literature review--Part III: Clinical applications, drawbacks, and mechanism of action

DOI: 10.1016/j.joen.2009.09.009 Journal of Endodontics, 2010, 36, 400-13.

Source: https://exaly.com/paper-pdf/49490635/citation-report.pdf

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
899	Apexogenesis of a symptomatic molar with calcium enriched mixture. 2010 , 43, 940-4		35
898	Periradicular regeneration after endodontic surgery with calcium-enriched mixture cement in dogs. <i>Journal of Endodontics</i> , 2010 , 36, 837-41	4.7	93
897	Delayed partial pulpotomy in a midroot and complicated crown-root-fractured permanent incisor with hyperplastic pulpitis: a case report. <i>Journal of Endodontics</i> , 2010 , 36, 1250-3	4.7	6
896	Effect of calcium phosphate cements on growth and odontoblastic differentiation in human dental pulp cells. <i>Journal of Endodontics</i> , 2010 , 36, 1537-42	4.7	50
895	Medication with calcium hydroxide improved marginal adaptation of mineral trioxide aggregate apical barrier. <i>Journal of Endodontics</i> , 2010 , 36, 1679-82	4.7	22
894	Comparative physicochemical and biocompatible properties of radiopaque dicalcium silicate cement and mineral trioxide aggregate. <i>Journal of Endodontics</i> , 2010 , 36, 1683-7	4.7	44
893	Biocompatibility of accelerated mineral trioxide aggregate in a rat model. <i>Journal of Endodontics</i> , 2010 , 36, 1851-5	4.7	27
892	Technologic advances in endodontics. 2011 , 55, 461-80, vii-viii		14
891	Effects of intracanal mineral trioxide aggregate and calcium hydroxide during four weeks on pH changes in simulated root surface resorption defects: an in vitro study using matched pairs of human teeth. <i>Journal of Endodontics</i> , 2011 , 37, 40-4	4.7	17
890	Management of inflammatory external root resorption by using calcium-enriched mixture cement: a case report. <i>Journal of Endodontics</i> , 2011 , 37, 411-3	4.7	47
889	Cytotoxicity comparison of mineral trioxide aggregates and EndoSequence bioceramic root repair materials. <i>Journal of Endodontics</i> , 2011 , 37, 372-5	4.7	126
888	Setting time and flowability of accelerated Portland cement mixed with polycarboxylate superplasticizer. <i>Journal of Endodontics</i> , 2011 , 37, 387-9	4.7	39
887	Comparison of intracanal EndoSequence Root Repair Material and ProRoot MTA to induce pH changes in simulated root resorption defects over 4 weeks in matched pairs of human teeth. Journal of Endodontics, 2011, 37, 502-6	4.7	50
886	Regenerative endodontic treatment (revascularization) for necrotic immature permanent molars: a review and report of two cases with a new biomaterial. <i>Journal of Endodontics</i> , 2011 , 37, 562-7	4.7	186
885	A hybrid approach to direct pulp capping by using emdogain with a capping material. <i>Journal of Endodontics</i> , 2011 , 37, 667-72	4.7	31
884	A comparative study of using a combination of calcium chloride and mineral trioxide aggregate as the pulp-capping agent on dogs' teeth. <i>Journal of Endodontics</i> , 2011 , 37, 786-8	4.7	36
883	Effects of a novel hydration accelerant on the biological and mechanical properties of white mineral trioxide aggregate. <i>Journal of Endodontics</i> , 2011 , 37, 851-5	4.7	22

(2011-2011)

882	Treatment of tooth discoloration after the use of white mineral trioxide aggregate. <i>Journal of Endodontics</i> , 2011 , 37, 1017-20	4.7	135
881	Biocompatibility and osteogenic potential of new generation endodontic materials established by using primary osteoblasts. <i>Journal of Endodontics</i> , 2011 , 37, 1166-70	4.7	15
880	In vivo host interactions with mineral trioxide aggregate and calcium hydroxide: inflammatory molecular signaling assessment. <i>Journal of Endodontics</i> , 2011 , 37, 1225-35	4.7	20
879	Effect of tricalcium silicate on the proliferation and odontogenic differentiation of human dental pulp cells. <i>Journal of Endodontics</i> , 2011 , 37, 1240-6	4.7	98
878	Improvement of the properties of mineral trioxide aggregate by mixing with hydration accelerators. <i>Journal of Endodontics</i> , 2011 , 37, 1433-6	4.7	59
877	Antibacterial activity of endosequence root repair material and proroot MTA against clinical isolates of Enterococcus faecalis. <i>Journal of Endodontics</i> , 2011 , 37, 1542-6	4.7	88
876	Direct contact with mineral trioxide aggregate activates and differentiates human dental pulp cells. Journal of Endodontics, 2011 , 37, 1691-5	4.7	57
875	Radiographic evaluation of furcal perforations sealed with different materials in dogs' teeth. 2011 , 19, 421-5		15
874	Comparative study of subcutaneous tissue responses to a novel root-end filling material and white and grey mineral trioxide aggregate. 2011 , 44, 283-9		47
873	Management of a talon cusp using mineral trioxide aggregate. 2011 , 44, 1061-8		7
872	Fluoride-containing nanoporous calcium-silicate MTA cements for endodontics and oral surgery: early fluorapatite formation in a phosphate-containing solution. 2011 , 44, 938-49		38
871	A histological study of pulp reaction to various water/powder ratios of white mineral trioxide aggregate as pulp-capping material in human teeth: a double-blinded, randomized controlled trial. 2011 , 44, 1029-33		28
870	Treatment of open apex teeth using two types of white mineral trioxide aggregate after initial dressing with calcium hydroxide in children. 2011 , 27, 166-73		56
869	Alpha-TCP improves the apatite-formation ability of calcium-silicate hydraulic cement soaked in phosphate solutions. 2011 , 31, 1412-1422		40
868	Annual review of selected scientific literature: report of the committee on scientific investigation of the American Academy of Restorative Dentistry. 2011 , 106, 224-65		2
867	Biomimetic remineralization of human dentin using promising innovative calcium-silicate hybrid "smart" materials. 2011 , 27, 1055-69		89
866	Dysregulation of monocytic cytokine secretion by endodontic sealers. 2011 , 97, 49-57		10
865	Microleakage comparison of glass-ionomer and white mineral trioxide aggregate used as a coronal barrier in nonvital bleaching. 2011 , 16, e1017-21		26

864	Biocompatibility of a new nanomaterial based on calcium silicate implanted in subcutaneous connective tissue of rats. 2012 , 62, 697-708		3
863	Therapie der Caries profunda - Bis wohin muss ich die Karies exkavieren?. 2012 , 121, 148-152		
862	The shear bond strength of resin-based composite to white mineral trioxide aggregate. 2012 , 143, e40-	5	16
861	Application of mercury intrusion porosimetry for studying the porosity of mineral trioxide aggregate at two different pH. 2012 , 70, 78-82		22
860	Effect of acid etching on marginal adaptation of mineral trioxide aggregate to apical dentin: microcomputed tomography and scanning electron microscopy analysis. 2012 , 4, 202-7		7
859	Setting properties and biocompatibility of dicalcium silicate with varying additions of tricalcium aluminate. 2012 , 27, 171-8		13
858	MTA resorption and periradicular healing in an open-apex incisor: A case report. 2012 , 24, 55-9		14
857	Tissue reaction to a triantibiotic paste used for endodontic tissue self-regeneration of nonvital immature permanent teeth. <i>Journal of Endodontics</i> , 2012 , 38, 91-4	4.7	60
856	Mineral trioxide aggregate and Portland cement promote biomineralization in vivo. <i>Journal of Endodontics</i> , 2012 , 38, 324-9	4.7	55
855	A comparison of the cytotoxicity and proinflammatory cytokine production of EndoSequence root repair material and ProRoot mineral trioxide aggregate in human osteoblast cell culture using reverse-transcriptase polymerase chain reaction. <i>Journal of Endodontics</i> , 2012 , 38, 486-9	4.7	41
854	Failure of setting of mineral trioxide aggregate in the presence of fetal bovine serum and its prevention. <i>Journal of Endodontics</i> , 2012 , 38, 536-40	4.7	35
853	Effects of calcium silicate-based materials on the flexural properties of dentin. <i>Journal of Endodontics</i> , 2012 , 38, 680-3	4.7	46
852	Effects of calcium silicate-based materials on collagen matrix integrity of mineralized dentin. <i>Journal of Endodontics</i> , 2012 , 38, 829-33	4.7	58
851	Effects of an experimental calcium aluminosilicate cement on the viability of murine odontoblast-like cells. <i>Journal of Endodontics</i> , 2012 , 38, 936-42	4.7	41
850	A prospective randomized controlled study of mineral trioxide aggregate and super ethoxy-benzoic acid as root-end filling materials in endodontic microsurgery. <i>Journal of Endodontics</i> , 2012 , 38, 875-9	4.7	59
849	Characterization of the mineral trioxide aggregate-resin modified glass ionomer cement interface in different setting conditions. <i>Journal of Endodontics</i> , 2012 , 38, 1126-9	4.7	31
848	In vitro evaluation of dentinal tubule penetration and biomineralization ability of a new root-end filling material. <i>Journal of Endodontics</i> , 2012 , 38, 1093-6	4.7	45
847	Osseous reaction to implantation of two endodontic cements: Mineral trioxide aggregate (MTA) and calcium enriched mixture (CEM). 2012 , 17, e907-11		42

(2012-2012)

846	Cytotoxicity of accelerated white MTA and Malaysian white Portland cement on stem cells from human exfoliated deciduous teeth (SHED): An in vitro study. 2012 , 33, 19-23	6
845	Cytotoxicity of newly developed ortho MTA root-end filling materials. <i>Journal of Endodontics</i> , 2012 , 4.7	39
844	Open photoacoustic cell for thermal diffusivity measurements of a fast hardening cement used in dental restoring. 2012 , 111, 014701	14
843	Comparison of endodontic biomaterials as apical barriers in simulated open apices. 2012 , 2012, 359873	17
842	Periradicular Tissue Responses to Biologically Active Molecules or MTA When Applied in Furcal Perforation of Dogs' Teeth. 2012 , 2012, 257832	12
841	Management of Root Perforations Using MTA with or without Er:YAG Laser Irradiation: An In Vitro Study. 2012 , 2012, 628375	2
840	Effect of dentin bonding agent on the prevention of tooth discoloration produced by mineral trioxide aggregate. 2012 , 2012, 563203	49
839	Characterization of calcium oxide in root perforation sealer materials. 2012 , 23, 539-46	15
838	The Status of Mineral Trioxide Aggregate in Endodontics Education in Dental Schools in Turkey. 2012 , 76, 752-758	7
837	Portland cement with additives in the repair of furcation perforations in dogs. 2012 , 27, 809-14	14
836	Quantitative evaluation by glucose diffusion of microleakage in aged calcium silicate-based open-sandwich restorations. 2012 , 2012, 105863	48
835	Evaluation of the rat tissue reaction to experimental new resin cement and mineral trioxide aggregate cement. 2012 , 37, 194-200	6
834	Influence of radiopacifying agents on the solubility, pH and antimicrobial activity of portland cement. 2012 , 23, 515-20	6
833	Non-surgical retreatment of a failed apicoectomy without retrofilling using white mineral trioxide aggregate as an apical barrier. 2012 , 23, 167-71	4
832	Comparison of two histopathologic methods for evaluating subcutaneous reaction to mineral trioxide aggregate. 2012 , 17, e41-4	3
831	Remineralization of artificial dentinal caries lesions by biomimetically modified mineral trioxide aggregate. 2012 , 8, 836-42	78
830	Will mineral trioxide aggregate replace calcium hydroxide in treating pulpal and periodontal healing complications subsequent to dental trauma? A review. 2012 , 28, 25-32	76
829	Influence of white mineral trioxide aggregate on inflammatory cells before and after expiry date. 2012 , 28, 302-5	1

828	Hydration kinetics of cements by Time-Domain Nuclear Magnetic Resonance: Application to Portland-cement-derived endodontic pastes. 2012 , 42, 577-582	21
827	Changes in the surface of four calcium silicate-containing endodontic materials and an epoxy resin-based sealer after a solubility test. 2012 , 45, 419-28	124
826	Cytocompatibility of the ready-to-use bioceramic putty repair cement iRoot BP Plus with primary human osteoblasts. 2012 , 45, 508-13	66
825	Chemical-physical properties of TheraCal, a novel light-curable MTA-like material for pulp capping. 2012 , 45, 571-9	130
824	Tooth discoloration induced by endodontic materials: a literature review. 2013 , 29, 2-7	72
823	Biocompatibility and biomineralization assessment of a new root canal sealer and root-end filling material. 2013 , 29, 145-50	21
822	Advances in the treatment of diseased equine incisor and canine teeth. 2013, 29, 411-40, vi-vii	17
821	Biocompatibility of BioAggregate and mineral trioxide aggregate on the liver and kidney. 2013 , 46, 730-7	30
820	Prosthetic rehabilitation and management of an MTA-treated maxillary central incisor with root perforation and severe internal resorption. 2013 , 22, 413-8	4
819	A pan-European comparison of the use of mineral trioxide aggregate (MTA) by postgraduates in paediatric dentistry. 2013 , 14, 113-6	13
818	Einsatz biokompatibler Zemente bei der Vitalerhaltung der Pulpa und in der Endodontie. 2013 , 7, 3-12	
817	Clinical, radiographic and histologic analysis of the effects of pulp capping materials used in pulpotomies of human primary teeth. 2013 , 14, 65-71	47
816	Color stability of white mineral trioxide aggregate. 2013 , 17, 1155-9	63
815	Chemical-physical properties of experimental root canal sealers based on butyl ethylene glycol disalicylate and MTA. 2013 , 29, 1287-94	37
814	Effect of nano silica on setting time and physical properties of mineral trioxide aggregate. <i>Journal of Endodontics</i> , 2013 , 39, 1448-51	26
813	Calcium ions released from mineral trioxide aggregate convert the differentiation pathway of C2C12 cells into osteoblast lineage. <i>Journal of Endodontics</i> , 2013 , 39, 68-75	45
812	Retrospective evaluation of perforation repairs in 6 private practices. <i>Journal of Endodontics</i> , 2013 , 39, 1346-58	23
811	Biointeractivity-related versus chemi/physisorption-related apatite precursor-forming ability of current root end filling materials. 2013 , 101, 1107-23	66

(2013-2013)

810	3D micro-CT analysis of the interface voids associated with Thermafil root fillings used with AH Plus or a flowable MTA sealer. 2013 , 46, 253-63		81
809	Spectrophotometric analysis of coronal discolouration induced by grey and white MTA. 2013 , 46, 137-44		69
808	Mineral trioxide aggregate induces the release of matrix metalloproteinase-9 by human neutrophils. 2013 , 8, 378-384		
807	Evaluation of pH and calcium ion release of a dual-cure bisphenol A ethoxylate dimethacrylate/mineral trioxide aggregate-based root-end filling material. <i>Journal of Endodontics</i> , 42013, 39, 1603-6	ļ.7	5
806	Mixing with propylene glycol enhances the bond strength of mineral trioxide aggregate to dentin. Journal of Endodontics, 2013 , 39, 1452-5	ŀ.7	29
805	In vitro osteogenic/dentinogenic potential of an experimental calcium aluminosilicate cement. Journal of Endodontics, 2013 , 39, 1161-6	l .7	31
804	The effect of smear layer on the push-out bond strength of root canal calcium silicate cements. 2013 , 29, 797-803		60
803	Experimental etch-and-rinse adhesives doped with bioactive calcium silicate-based micro-fillers to generate therapeutic resin-dentin interfaces. 2013 , 29, 729-41		50
802	An evaluation of setting time of mineral trioxide aggregate and EndoSequence root repair material in the presence of human blood and minimal essential media. <i>Journal of Endodontics</i> , 2013 , 39, 1071-2	ŀ.7	37
801	Primary assessment of a self-adhesive gutta-percha material. 2013 , 46, 317-22		20
800	The response of cementoblasts to calcium phosphate resin-based and calcium silicate-based commercial sealers. 2013 , 46, 242-52		34
799	Bioactivity evaluation of three calcium silicate-based endodontic materials. 2013, 46, 808-14		140
798	In vitro cytotoxicity evaluation of a novel root repair material. <i>Journal of Endodontics</i> , 2013 , 39, 478-83 4	ŀ.7	129
797	Evaluation of cytotoxicity and physicochemical properties of calcium silicate-based endodontic sealer MTA Fillapex. <i>Journal of Endodontics</i> , 2013 , 39, 274-7	ŀ.7	124
796	Mechanical and microstructure of reinforced hydroxyapatite/calcium silicate nano-composites materials. 2013 , 44, 461-468		33
795	New nanostructural biomaterials based on active silicate systems and hydroxyapatite: characterization and genotoxicity in human peripheral blood lymphocytes. 2013 , 46, 506-16		29
794	Is there sufficient evidence to support the long-term efficacy of mineral trioxide aggregate (MTA) for endodontic therapy in primary teeth?. 2013 , 46, 198-204		24
793	Current strategy for successful periradicular surgery. 2013 , 55, 267-73		6

792	Evaluation of the pH, calcium release and antibacterial activity of MTA Fillapex. 2013, 42, 330-335	3
791	In Vitro Screening of the Apatite-Forming Ability, Biointeractivity and Physical Properties of a Tricalcium Silicate Material for Endodontics and Restorative Dentistry. 2013 , 1, 41-60	31
790	A preliminary report on histological outcome of pulpotomy with endodontic biomaterials vs calcium hydroxide. 2013 , 38, 227-33	20
789	Management of internal root resorption on permanent teeth. 2013 , 2013, 929486	23
788	Cone beam computed tomography evaluation of the periapical status of nonvital tooth with open apex obturated with mineral trioxide aggregate: a case report. 2013 , 2013, 714585	
787	Washout resistance of fast-setting pozzolan cement under various root canal irrigants. 2013 , 38, 248-52	13
786	Conservative approach of a symptomatic carious immature permanent tooth using a tricalcium silicate cement (Biodentine): a case report. 2013 , 38, 258-62	28
785	Biocompatibility of root-end filling materials: recent update. 2013 , 38, 119-27	27
784	Surgical management of mandibular central incisors with dumbbell shaped periapical lesion: a case report. 2014 , 2014, 769381	1
7 ⁸ 3	Effects of calcium hydroxide addition on the physical and chemical properties of a calcium silicate-based sealer. 2014 , 22, 180-4	5
782	Effect of zirconium oxide and zinc oxide nanoparticles on physicochemical properties and antibiofilm activity of a calcium silicate-based material. 2014 , 2014, 975213	28
781	A comparative study on root canal repair materials: a cytocompatibility assessment in L929 and MG63 cells. 2014 , 2014, 463826	28
780	Cytocompatibility and antibacterial properties of capping materials. 2014 , 2014, 181945	48
779	Continued root formation after delayed replantation of an avulsed immature permanent tooth. 2014 , 2014, 832637	2
778	In vitro cytotoxicity of four calcium silicate-based endodontic cements on human monocytes, a colorimetric MTT assay. 2014 , 39, 149-54	17
777	Comparative analysis of physicochemical properties of root perforation sealer materials. 2014 , 39, 201-9	8
776	Cytotoxicity of newly developed pozzolan cement and other root-end filling materials on human periodontal ligament cell. 2014 , 39, 39-44	21
775	Anlise flico-quínica do MTA e do cimento Portland associado a quatro diferentes radiopacificadores. 2014 , 43, 228-235	

774	Influence of bismuth oxide concentration on the pH level and biocompatibility of white Portland cement. 2014 , 22, 268-73	4
773	Treatment of apical periodontitis. 2014 , 6, 368-373	
772	Push-out bond strength of different mineral trioxide aggregates. 2014 , 8, 348-352	8
771	Aloe vera as vehicle to mineral trioxide aggregate: study in bone repair. 2014 , 43, 299-304	3
770	The effects of bone morphogenetic protein-2 and enamel matrix derivative on the bioactivity of mineral trioxide aggregate in MC3T3-E1cells. 2014 , 39, 187-94	9
769	Initial transient accumulation of M2 macrophage-associated molecule-expressing cells after pulpotomy with mineral trioxide aggregate in rat molars. <i>Journal of Endodontics</i> , 2014 , 40, 1983-8	15
768	Mineral trioxide aggregate enhances the odonto/osteogenic capacity of stem cells from inflammatory dental pulps via NF-B pathway. 2014 , 20, 650-8	28
767	In vitro biocompatibility of a dentine substitute cement on human MG63 osteoblasts cells: Biodentinelversus MTA([]). 2014 , 47, 1133-41	48
766	Endodontic filling materials. 2014 , 31, 53-67	17
765	Management of crown-related fractures in children: an update review. 2014 , 30, 88-99	21
764	Mineral trioxide aggregate upregulates odonto/osteogenic capacity of bone marrow stromal cells from craniofacial bones via JNK and ERK MAPK signalling pathways. 2014 , 47, 241-8	41
763	Histone deacetylase inhibitors in cancer therapy. A review. 2014 , 158, 161-9	46
762	Human oral cells' response to different endodontic restorative materials: an in vitro study. 2014 , 10, 55	23
761	Accuracy of electronic apex locators to detect root canal perforations with inserted metallic posts: an ex vivo study. 2014 , 10, 57	7
760	Mineral Trioxide Aggregate and Evidence-Based Practice. 2014 , 173-199	1
759	X-ray diffraction analysis of MTA-Plus, MTA-Angelus and DiaRoot BioAggregate. 2014 , 8, 211-215	20
75 ⁸	Biodentine-a novel dentinal substitute for single visit apexification. 2014 , 39, 120-5	20
757	Properties of Hydrated Mineral Trioxide Aggregate. 2014, 37-59	1

756	Bioactivity of Mineral Trioxide Aggregate and Mechanism of Action. 2014 , 61-85		3
755	Mineral trioxide aggregate promotes the odonto/osteogenic differentiation and dentinogenesis of stem cells from apical papilla via nuclear factor kappa B signaling pathway. <i>Journal of Endodontics</i> , 2014 , 40, 640-7	4.7	34
754	Ion release, porosity, solubility, and bioactivity of MTA Plus tricalcium silicate. <i>Journal of Endodontics</i> , 2014 , 40, 1632-7	4.7	67
753	A comparative study of BioAggregate and ProRoot MTA on adhesion, migration, and attachment of human dental pulp cells. <i>Journal of Endodontics</i> , 2014 , 40, 1118-23	4.7	49
752	Effect of mineral trioxide aggregate surface treatments on morphology and bond strength to composite resin. <i>Journal of Endodontics</i> , 2014 , 40, 1210-6	4.7	19
751	Effects of ProRoot MTA, Bioaggregate, and Micromega MTA on odontoblastic differentiation in human dental pulp cells. <i>Journal of Endodontics</i> , 2014 , 40, 113-8	4.7	43
750	Ability of new obturation materials to improve the seal of the root canal system: a review. 2014 , 10, 10)50-106	53 61
749	Particle size changes in unsealed mineral trioxide aggregate powder. <i>Journal of Endodontics</i> , 2014 , 40, 423-6	4.7	11
748	Cellular and molecular tissue response to triple antibiotic intracanal dressing. <i>Journal of Endodontics</i> , 2014 , 40, 499-504	4.7	12
747	Effect of endodontic cement on bone mineral density using serial dual-energy x-ray absorptiometry. <i>Journal of Endodontics</i> , 2014 , 40, 648-51	4.7	13
746	Management of 2 teeth diagnosed with dens invaginatus with regenerative endodontics and apexification in the same patient: a case report and review. <i>Journal of Endodontics</i> , 2014 , 40, 725-31	4.7	30
745	A review of the bioactivity of hydraulic calcium silicate cements. 2014 , 42, 517-33		108
744	Magnesium phosphate cements for endodontic applications with improved long-term sealing ability. 2014 , 47, 127-39		41
743	A randomized clinical trial on the use of medical Portland cement, MTA and calcium hydroxide in indirect pulp treatment. 2014 , 18, 1383-9		41
742	Use of a new retrograde filling material (Biodentine) for endodontic surgery: two case reports. 2014 , 6, 250-3		35
741	Calcium SilicateBased Cements. 2014 , 281-332		4
740	Pulp and Periradicular Pathways, Pathosis, and Closure. 2014 , 1-16		
739	Clinical and radiographic success of mineral trioxide aggregate compared with formocresol as a pulpotomy treatment in primary molars: a systematic review and meta-analysis. 2014 , 145, 714-21		15

738	MTA pulpotomy as an alternative to root canal treatment in children's permanent teeth in a dental public health setting. 2014 , 42, 1390-5		28
737	In vitro and in vivo evaluation of a nanoparticulate bioceramic paste for dental pulp repair. 2014 , 10, 5156-5168		33
736	Rational design and fabrication of a Edicalcium silicate-based multifunctional cement with potential for root canal filling treatment. 2014 , 2, 3830-3838		10
735	Comprehensive management of a complex traumatic dental injury. 2014 , 30, 400-405		3
734	The Dental Pulp. 2014 ,		7
733	Mineral Trioxide Aggregate in Dentistry. 2014 ,		7
732	Comparison of the biological properties of ProRoot MTA, OrthoMTA, and Endocem MTA cements. <i>Journal of Endodontics</i> , 2014 , 40, 1649-53	4.7	28
731	Comparison of pulp response to mineral trioxide aggregate and a bioceramic paste in partial pulpotomy of sound human premolars: a randomized controlled trial. 2014 , 47, 873-81		32
730	Treatment outcome of mineral trioxide aggregate or calcium hydroxide direct pulp capping: long-term results. <i>Journal of Endodontics</i> , 2014 , 40, 1746-51	4.7	105
729	Cell attachment properties of Portland cement-based endodontic materials: biological and methodological considerations. <i>Journal of Endodontics</i> , 2014 , 40, 1517-23	4.7	19
728	Physicochemical properties and osteogenic activity of radiopaque calcium silicate-gelatin cements. 2014 , 25, 2193-203		13
727	Bioactive and biomimetic restorative materials: a comprehensive review. Part I. 2014 , 26, 14-26		26
726	Successful nonsurgical endodontic outcome of a severely affected permanent maxillary canine with dens invaginatus Oehlers type 3. <i>Journal of Endodontics</i> , 2014 , 40, 1702-7	4.7	13
7 2 5	Push-out bond strength of three calcium silicate cements to root canal dentine after two different irrigation regimes. 2014 , 18, 1141-1146		18
724	Effect of Biodentinelon the proliferation, migration and adhesion of human dental pulp stem cells. 2014 , 42, 490-7		76
7 2 3	New treatment option for an incomplete vertical root fracturea preliminary case report. 2014 , 10, 9		11
722	Fusion of central incisors with supernumerary teeth: a 10-year follow-up of multidisciplinary treatment. <i>Journal of Endodontics</i> , 2014 , 40, 1020-4	4.7	15
721	Biodentine induces human dental pulp stem cell differentiation through mitogen-activated protein kinase and calcium-/calmodulin-dependent protein kinase II pathways. <i>Journal of Endodontics</i> , 2014 , 40, 937-42	4.7	47

720	M2 macrophages participate in the biological tissue healing reaction to mineral trioxide aggregate. <i>Journal of Endodontics</i> , 2014 , 40, 379-83	4.7	20
719	Periradicular regenerative surgery in a maxillary central incisor: 7-year results including cone-beam computed tomography. <i>Journal of Endodontics</i> , 2014 , 40, 1013-9	4.7	6
718	Effects of calcium silicate endodontic cements on biocompatibility and mineralization-inducing potentials in human dental pulp cells. <i>Journal of Endodontics</i> , 2014 , 40, 1194-200	4.7	52
717	Evaluation of compressive strength of hydraulic silicate-based root-end filling materials. <i>Journal of Endodontics</i> , 2014 , 40, 969-72	4.7	23
716	Biodentine and mineral trioxide aggregate induce similar cellular responses in a fibroblast cell line. <i>Journal of Endodontics</i> , 2014 , 40, 406-11	4.7	49
715	In vitro biocompatibility and oxidative stress profiles of different hydraulic calcium silicate cements. <i>Journal of Endodontics</i> , 2014 , 40, 255-60	4.7	28
714	Solubility and disintegration of new calcium aluminate cement (EndoBinder) containing different radiopacifying agents. <i>Journal of Endodontics</i> , 2014 , 40, 261-5	4.7	20
713	Subcutaneous connective tissue reactions to iRoot SP, mineral trioxide aggregate (MTA) Fillapex, DiaRoot BioAggregate and MTA. 2014 , 47, 667-74		22
712	The use of cone-beam computed tomography in the preservation of pulp vitality in a maxillary canine with type 3 dens invaginatus and an associated periradicular lesion. <i>Journal of Endodontics</i> , 2014 , 40, 1501-4	4.7	17
711	Dentine bonding agents comprising calcium-silicates to support proactive dental care: Origins, development and future. 2014 , 33, 443-52		15
710	Evaluation of cytotoxicity, antimicrobial activity and physicochemical properties of a calcium aluminate-based endodontic material. 2014 , 22, 61-7		16
709	'The last post?': assessment of the failing post-retained crown. 2014 , 41, 386-8, 390-2, 394		2
708	The management of non-vital immature permanent incisors. 2014 , 41, 596-604		2
707	Interne Resorptionen E iologie, Pathogenese, Diagnostik und Therapie. 2015 , 9, 565-586		
706	Development of a novel fluorapatite-forming calcium phosphate cement with calcium silicate: in vitro and in vivo characteristics. 2015 , 34, 263-9		3
705	Effect of a novel fluorapatite-forming calcium phosphate cement with calcium silicate on osteoblasts in comparison with mineral trioxide aggregate. 2015 , 57, 25-30		6
704	Push-out bond strength of CPP-ACP-modified calcium silicate-based cements. 2015 , 34, 490-4		8
703	Bioceramic materials in endodontics. 2015 , 32, 3-30		41

702 Trauma-related fractures. **2015**, 33, 157-168

701	What do different tests tell about the mechanical and biological properties of bioceramic materials?. 2015 , 32, 47-85		17
700	Root filling materials and techniques: bioceramics a new hope?. 2015 , 32, 86-96		41
699	Clinical Applications of Biodentine in Pediatric Dentistry: A Review of Literature. 2015 , 03,		1
698	Current perspectives of bio-ceramic technology in endodontics: calcium enriched mixture cement - review of its composition, properties and applications. 2015 , 40, 1-13		71
697	Repair of bone defect by nano-modified white mineral trioxide aggregates in rabbit: A histopathological study. 2015 , 20, e525-31		13
696	Influence of 2% chlorhexidine on pH, calcium release and setting time of a resinous MTA-based root-end filling material. 2015 , 29,		10
695	Antimicrobial Effects of Formable Gelatinous Hydroxyapatite-Calcium Silicate Nanocomposites for Biomedical Applications. 2015 , 25-32		
694	Remineralizing Efficacy of Fluorohydroxyapatite Gel on Artificial Dentinal Caries Lesion. 2015 , 2015, 1-9		1
693	Management of Inflammatory Internal Root Resorption with Biodentine and Thermoplasticised Gutta-Percha. 2015 , 2015, 452609		6
692	Calcium Silicate-Based Cements Associated with Micro- and Nanoparticle Radiopacifiers: Physicochemical Properties and Bioactivity. 2015 , 2015, 874283		3
691	Promotion of Dental Pulp Cell Migration and Pulp Repair by a Bioceramic Putty Involving FGFR-mediated Signaling Pathways. 2015 , 94, 853-62		34
690	Shear bond strength of Biodentine, ProRoot MTA, glass ionomer cement and composite resin on human dentine ex vivo. 2015 , 11, 14		35
689	Comparative Study of Pulpal Responses to Pulpotomy with ProRoot MTA, RetroMTA, and TheraCal in Dogs' Teeth. <i>Journal of Endodontics</i> , 2015 , 41, 1317-24	4.7	41
688	Review of current concepts of revascularization/revitalization. 2015 , 31, 267-73		20
687	Perforating internal root resorption repaired with mineral trioxide aggregate caused complete resolution of odontogenic sinus mucositis: a case report. <i>Journal of Endodontics</i> , 2015 , 41, 274-8	4.7	16
686	Calcium silicate bioactive cements: Biological perspectives and clinical applications. 2015 , 31, 351-70		261
685	Healing after root-end microsurgery by using mineral trioxide aggregate and a new calcium silicate-based bioceramic material as root-end filling materials in dogs. <i>Journal of Endodontics</i> , 2015 , 41, 389-99	4.7	80

684	Clinical outcome of endodontic microsurgery that uses EndoSequence BC root repair material as the root-end filling material. <i>Journal of Endodontics</i> , 2015 , 41, 607-12	4.7	42
683	Endodontic management of immature teeth with spontaneous apical closure and periapical lesions: case series and review of the literature. 2015 , 31, 324-7		3
682	Niobium pentoxide as radiopacifying agent of calcium silicate-based material: evaluation of physicochemical and biological properties. 2015 , 19, 2015-25		16
681	Light-induced nitric oxide release from physiologically stable porous coordination polymers. 2015 , 44, 15324-33		23
68o	Portland cement versus MTA as a root-end filling material. A pilot study. 2015 , 30, 160-4		7
679	D90: The Strongest Contributor to Setting Time in Mineral Trioxide Aggregate and Portland Cement. <i>Journal of Endodontics</i> , 2015 , 41, 1146-50	4.7	24
678	Calcium silicate/calcium phosphate biphasic cements for vital pulp therapy: chemical-physical properties and human pulp cells response. 2015 , 19, 2075-89		53
677	Clinical and radiographic evaluation of Portland cement added to radiopacifying agents in primary molar pulpotomies. 2015 , 16, 377-82		10
676	Clinical outcomes for teeth treated with electrospun poly(Etaprolactone) fiber meshes/mineral trioxide aggregate direct pulp capping. <i>Journal of Endodontics</i> , 2015 , 41, 628-36	4.7	12
675	Mineral trioxide aggregate induces osteoblastogenesis via Atf6. 2015 , 2, 36-43		12
674	Direct Pulp Capping with Calcium Hydroxide or Mineral Trioxide Aggregate: A Meta-analysis. <i>Journal of Endodontics</i> , 2015 , 41, 1412-7	4.7	105
673	Color Stability of Teeth Restored with Biodentine: A 6-month In Vitro Study. <i>Journal of Endodontics</i> , 2015 , 41, 1157-60	4.7	67
672	Effect of BioAggregate on Receptor Activator of Nuclear Factor-Kappa B Ligand-induced Osteoclastogenesis from Murine Macrophage Cell Line In Vitro. <i>Journal of Endodontics</i> , 2015 , 41, 1265-	7 4 ·7	9
671	A Randomized Controlled Study of the Use of ProRoot Mineral Trioxide Aggregate and Endocem as Direct Pulp Capping Materials: 3-month versus 1-year Outcomes. <i>Journal of Endodontics</i> , 2015 , 41, 1201	- ₫ ·7	24
670	Can Mineral Trioxide Aggregate and Nanoparticulate EndoSequence Root Repair Material Produce Injurious Effects to Rat Subcutaneous Tissues?. <i>Journal of Endodontics</i> , 2015 , 41, 1151-6	4.7	12
669	Spectrophotometric Analysis of Coronal Tooth Discoloration Induced by Various Bioceramic Cements and Other Endodontic Materials. <i>Journal of Endodontics</i> , 2015 , 41, 1862-6	4.7	74
668	Conservative Nonsurgical Treatment of Class 4 Invasive Cervical Resorption: A Case Series. <i>Journal of Endodontics</i> , 2015 , 41, 1907-12	4.7	29
667	Quantifying Coronal Tooth Discoloration Caused by Biodentine and EndoSequence Root Repair Material. <i>Journal of Endodontics</i> , 2015 , 41, 2036-9	4.7	20

(2016-2015)

666	Addition of a Fluoride-containing Radiopacifier Improves Micromechanical and Biological Characteristics of Modified Calcium Silicate Cements. <i>Journal of Endodontics</i> , 2015 , 41, 2050-7	4.7	12
665	An in vitro study of different material properties of Biodentine compared to ProRoot MTA. 2015 , 11, 16		75
664	Shear Bond Strength of a Self-adhering Flowable Composite and a Flowable Base Composite to Mineral Trioxide Aggregate, Calcium-enriched Mixture Cement, and Biodentine. <i>Journal of Endodontics</i> , 2015 , 41, 1691-5	4.7	26
663	An in vitro evaluation of the antibacterial properties of three mineral trioxide aggregate (MTA) against five oral bacteria. 2015 , 60, 1497-502		23
662	Acidic pH weakens the microhardness and microstructure of three tricalcium silicate materials. 2015 , 48, 323-32		33
661	Interfacial characteristics of Biodentine and MTA with dentine in simulated body fluid. 2015 , 43, 241-7		65
660	Regenerative endodontic treatment of an immature tooth with a necrotic pulp and apical periodontitis using platelet-rich plasma (PRP) and mineral trioxide aggregate (MTA): a case report. 2015 , 48, 902-10		36
659	Effect of Nd: YAG laser on the apical seal after root-end resection and MTA retrofill: a bacterial leakage study. 2015 , 30, 583-9		2
658	Ion release and mechanical properties of calcium silicate and calcium hydroxide materials used for pulp capping. 2015 , 48, 89-94		46
657	Effect of additives on mineral trioxide aggregate setting reaction product formation. <i>Journal of Endodontics</i> , 2015 , 41, 88-91	4.7	19
656	Influence of diabetes mellitus on tissue response to MTA and its ability to stimulate mineralization. 2015 , 31, 67-72		11
655	Tooth discoloration induced by a novel mineral trioxide aggregate-based root canal sealer. 2016 , 10, 403-407		11
654	Clinical Evaluation of Low Level Diode Laser Application For Primary Teeth Pulpotomy. 2016 , 10, ZC67-7	70	12
653	Revisiñ del estado actual de cementos de silicato de calcio en odontologñ restauradora. 2016 , 27,		2
652	Mineral Trioxide Aggregate Use in Pediatric Dentistry: A Literature Review. 2016 , 04,		1
651	The setting mechanism of mineral trioxide aggregate. 2016 , 50, 65-72		1
650	Materials for root canal filling. 2016 , 197-219		
649	Materials for pulp capping. 2016 , 177-196		

648	Comparative evaluation of antimicrobial activity of biodentine and MTA against e. faecalis an in vitro study. 2016 , 4, 16	2
647	In Vitro Cytotoxicity of Calcium Silicate-Based Endodontic Cement as Root-End Filling Materials. 2016 , 2016, 9203932	19
646	Splinting of Longitudinal Fracture: An Innovative Approach. 2016 , 2016, 5083874	2
645	Long-Term Cytotoxicity, pH and Dissolution Rate of AH Plus and MTA Fillapex. 2016 , 27, 419-23	18
644	Cytotoxic effects of new MTA-based cement formulations on fibroblast-like MDPL-20 cells. 2016 , 30,	4
643	Cytotoxic effects of mineral trioxide aggregate, calcium enrichedmixture cement, Biodentine and octacalcium pohosphate onhuman gingival fibroblasts. 2016 , 10, 75-80	6
642	Evaluation of reparative dentin formation of ProRoot MTA, Biodentine and BioAggregate using micro-CT and immunohistochemistry. 2016 , 41, 29-36	38
641	Fracture resistance of simulated immature teeth after apexification with calcium silicate-based materials. 2016 , 10, 188-192	13
640	Fracture resistance of immature teeth filled with mineral trioxide aggregate, bioaggregate, and biodentine. 2016 , 10, 220-224	12
639	Evaluation of Antibacterial Efficacy of MTA with and without Additives Like Silver Zeolite and Chlorhexidine. 2016 , 10, ZC11-4	5
638	A randomized trial of direct pulp capping in primary molars using MTA compared to 3Mixtatin: a novel pulp capping biomaterial. 2016 , 26, 281-90	27
637	Chemical analysis and biological properties of two different formulations of white portland cements. 2016 , 38, 303-16	3
636	Methodologies for measuring the setting times of mineral trioxide aggregate and Portland cement products used in dentistry. 2016 , 2, 25-30	12
635	Deconvolution of the particle size distribution of ProRoot MTA and MTA Angelus. 2016 , 2, 7-11	9
634	Diametral tensile strength of novel fast-setting calcium silicate cement. 2016 , 35, 559-63	10
633	Effect of placement technique on the push-out bond strength of calcium-silicate based cements. 2016 , 35, 742-747	12
632	Influence of different pulp capping materials to induce coronal tooth discoloration. 2016, 30, 22-26	1
631	Comparison of mineral trioxide aggregate and calcium hydroxide for apexification of immature permanent teeth: A systematic review and meta-analysis. 2016 , 115, 523-30	36

(2016-2016)

630	Effects of mixing techniques and dentin moisture conditions on push-out bond strength of ProRoot MTA and Biodentine. 2016 , 30, 1891-1898	4
629	European Society of Endodontology position statement: Revitalization procedures. 2016 , 49, 717-23	163
628	Immediate and mediate furcal perforation treatment in primary molars: 24-month follow-up. 2016 , 17, 489-494	6
627	Mini-invasive nonsurgical treatment of class 4 invasive cervical resorption: a case series. 2016 , 30, 52-63	1
626	1-year In Vitro Evaluation of Tooth Discoloration Induced by 2 Calcium Silicate-based Cements. <i>Journal of Endodontics</i> , 2016 , 42, 1403-7 4-7	42
625	Nanocrystalline calcium sulfate/hydroxyapatite biphasic compound as a TGF-II/VEGF reservoir for vital pulp therapy. 2016 , 32, 1197-1208	25
624	Dynamic intratubular biomineralization following root canal obturation with pozzolan-based mineral trioxide aggregate sealer cement. 2016 , 38, 50-6	21
623	Current status of direct pulp-capping materials for permanent teeth. 2016 , 35, 1-12	54
622	Non-surgical retreatment of teeth with persisting apical periodontitis following apicoectomy: decision making, treatment strategies and problems, and case reports. 2016 , 34, 64-89	2
621	Push-out Bond Strength of Injectable Pozzolan-based Root Canal Sealer. <i>Journal of Endodontics</i> , 4-7	27
620	A survey of various endodontic procedures related to mineral trioxide aggregate usage by members of the Australian Society of Endodontology. 2016 , 42, 132-138	13
619	Regenerative Endodontic Treatment versus Apical Plug in Immature Teeth: Three-Year Follow-Up. 2016 , 40, 356-60	18
618	Biodentine: from biochemical and bioactive properties to clinical applications. 2016 , 30, 81-88	20
617	The use of premixed bioceramic materials in endodontics. 2016 , 30, 70-80	24
616	Clinical application of bio ceramics. 2016 ,	2
615	Clinical procedures for revitalization: current knowledge and considerations. 2016 , 49, 926-36	92
614	Apatite precipitation on a novel fast-setting calcium silicate cement containing fluoride. 2016 , 2, 68-78	14
613	Conservative Management of Class 4 Invasive Cervical Root Resorption Using Calcium-enriched Mixture Cement. <i>Journal of Endodontics</i> , 2016 , 42, 1291-4 4-7	15

612	Sealing ability of two root-end filling materials in a bacterial nutrient leakage model. 2016 , 49, 960-5		23
611	DNA double-strand breaks caused by new and contemporary endodontic sealers. 2016 , 49, 1141-1151		24
610	Combined effects of mineral trioxide aggregate and human placental extract on rat pulp tissue and growth, differentiation and angiogenesis in human dental pulp cells. 2016 , 74, 298-306		14
609	Evaluation of selected properties of a new root repair cement containing surface pre-reacted glass ionomer fillers. 2016 , 20, 2139-2148		12
608	Effect of intracanal medicaments on the push-out bond strength of Biodentine in comparison with Bioaggregate apical plugs. 2016 , 30, 459-467		1
60 7	Biocompatibility of Accelerated Mineral Trioxide Aggregate on Stem Cells Derived from Human Dental Pulp. <i>Journal of Endodontics</i> , 2016 , 42, 276-9	4.7	19
606	A Comparison of Coronal Tooth Discoloration Elicited by Various Endodontic Reparative Materials. Journal of Endodontics, 2016 , 42, 470-3	4.7	71
605	Apical Closure in Apexification: A Review and Case Report of Apexification Treatment of an Immature Permanent Tooth with Biodentine. <i>Journal of Endodontics</i> , 2016 , 42, 730-4	4.7	36
604	Physical properties and hydration behavior of a fast-setting bioceramic endodontic material. 2016 , 16, 23		41
603	Platelet concentrates for revitalization of immature necrotic teeth: a systematic review of the clinical studies. 2016 , 27, 383-92		16
602	Evaluation of three obturation techniques in the apical third of mandibular first molar mesial root canals using micro-computed tomography. 2016 , 11, 95-102		8
601	Dentinal Tubule Penetration of Tricalcium Silicate Sealers. <i>Journal of Endodontics</i> , 2016 , 42, 632-6	4.7	51
600	Pulpotomy Techniques: Cervical (Traditional) and Partial. 2016 , 51-70		5
599	The effect of human blood on the setting and surface micro-hardness of calcium silicate cements. 2016 , 20, 1997-2005		11
598	Patient and Clinical Characteristics Associated with Primary Healing of Iatrogenic Perforations after Root Canal Treatment: Results of a Long-term Italian Study. <i>Journal of Endodontics</i> , 2016 , 42, 211-5	4.7	18
597	Pulpal Responses to Direct Capping with Betamethasone/Gentamicin Cream and Mineral Trioxide Aggregate: Histologic and Micro-Computed Tomography Assessments. <i>Journal of Endodontics</i> , 2016 , 42, 30-5	4.7	10
596	Short-term treatment outcome of pulpotomies in primary molars using mineral trioxide aggregate and Biodentine: a randomized clinical trial. 2016 , 20, 1639-45		45
595	Osteogenic and Angiogenic Response to Calcium Silicate-based Endodontic Sealers. <i>Journal of Endodontics</i> , 2016 , 42, 113-9	4.7	32

(2017-2016)

594	Combined Effects of Growth Hormone and Mineral Trioxide Aggregate on Growth, Differentiation, and Angiogenesis in Human Dental Pulp Cells. <i>Journal of Endodontics</i> , 2016 , 42, 269-75	4.7	13	
593	Three-dimensional culture of dental pulp stem cells in direct contact to tricalcium silicate cements. 2016 , 20, 237-46		56	
592	Calcium silicate-based cements: composition, properties, and clinical applications. 2017 , 8, e12195		78	
591	In vitro evaluation of different dental materials used for the treatment of extensive cervical root defects using human periodontal cells. 2017 , 21, 753-761		9	
590	Modified tricalcium silicate cement formulations with added zirconium oxide. 2017 , 21, 895-905		24	
589	Evaluation of the in vitro biocompatibility of a new fast-setting ready-to-use root filling and repair material. 2017 , 50, 540-548		16	
588	Efficacy of three different pulpotomy agents in primary molars: a randomized control trial. 2017 , 50, 215-228		36	
587	Calcium silicate-based cements and functional impacts of various constituents. 2017 , 36, 8-18		36	
586	Innovative root-end filling materials based on calcium-silicates and calcium-phosphates. 2017 , 28, 31		9	
585	Fracture resistance of roots with simulated internal resorption defects and obturated using different hybrid techniques. 2017 , 12, 121-125		5	
584	Obturation of Root Canals. 2017 , 141-159		2	
583	Effect of Blood Contamination on Push-Out Bond Strength of Mineral Trioxide Aggregate Mixed with Different Liquids. 2017 , 37, 262-267		2	
582	Effect of Laser-Activated Irrigation on the Push-Out Bond Strength of ProRoot Mineral Trioxide Aggregate and Biodentine in Furcal Perforations. 2017 , 35, 231-235		13	
581	Biocompatibility Investigation of New Endodontic Materials Based on Nanosynthesized Calcium Silicates Combined with Different Radiopacifiers. <i>Journal of Endodontics</i> , 2017 , 43, 425-432	4.7	7	
580	Sealing ability and adaptation of root-end filling materials in cavities prepared with different techniques. 2017 , 80, 756-762		8	
579	Evaluacifi de la citotoxicidad de tres cementos selladores endodficicos utilizados en cirugfi periapical: estudio in vitro. 2017 , 21, 40-48		O	
578	Push-out Bond Strength of Fast-setting Mineral Trioxide Aggregate and Pozzolan-based Cements: ENDOCEM MTA and ENDOCEM Zr. <i>Journal of Endodontics</i> , 2017 , 43, 801-804	4.7	15	
577	An Evidence-based Review of the Efficacy of Treatment Approaches for Immature Permanent Teeth with Pulp Necrosis. <i>Journal of Endodontics</i> , 2017 , 43, 1052-1057	4.7	39	

576	Zirconium oxide and niobium oxide used as radiopacifiers in a calcium silicate-based material stimulate fibroblast proliferation and collagen formation. 2017 , 50 Suppl 2, e95-e108		26
575	Furcation Perforation: Periradicular Tissue Response to Biodentine as a Repair Material by Histopathologic and Indirect Immunofluorescence Analyses. <i>Journal of Endodontics</i> , 2017 , 43, 1137-1142 ⁴⁻⁷	7	36
574	Properties of NeoMTA Plus and MTA Plus cements for endodontics. 2017 , 50 Suppl 2, e83-e94		46
573	Clinical and Molecular Perspectives of Reparative Dentin Formation: Lessons Learned from Pulp-Capping Materials and the Emerging Roles of Calcium. 2017 , 61, 93-110		29
572	Long-term Success of Nonvital, Immature Permanent Incisors Treated With a Mineral Trioxide Aggregate Plug and Adhesive Restorations: A Case Series from a Private Endodontic Practice. Journal of Endodontics, 2017, 43, 1370-1377	7	26
571	Properties of a novel polydimethylsiloxane endodontic sealer. 2017 , 31, 35-43		2
570	A poly(2-hydroxyethyl methacrylate)-based resin improves the dentin remineralizing ability of calcium silicates. 2017 , 77, 755-764		9
569	G protein-coupled calcium-sensing receptor is a crucial mediator of MTA-induced biological activities. 2017 , 127, 107-116		7
568	Cytotoxicity, Biocompatibility, and Biomineralization of the New High-plasticity MTA Material. <i>Journal of Endodontics</i> , 2017 , 43, 774-778	7	43
567	Cytotoxicity assessment of three endodontic sealing cements used in periapical surgery. In vitro study. 2017 , 21, e40-e48		3
566	Comparative Micro-computed Tomographic Evaluation of the Sealing Quality of ProRoot MTA and MTA Angelus Apical Plugs Placed with Various Techniques. <i>Journal of Endodontics</i> , 2017 , 43, 147-151	7	19
565	Endodontic Prognosis. 2017 ,		3
564	Ion Release, Microstructural, and Biological Properties of iRoot BP Plus and ProRoot MTA Exposed to an Acidic Environment. <i>Journal of Endodontics</i> , 2017 , 43, 163-168	7	21
563	Long-term treatment outcomes in immature permanent teeth by revascularisation using MTA and GIC as canal-sealing materials: a retrospective study. 2017 , 27, 454-462		8
562	Effect of MTA particle size on periapical healing. 2017 , 50 Suppl 2, e3-e8		4
561	Comparison of Mineral Trioxide Aggregate and iRoot BP Plus Root Repair Material as Root-end Filling Materials in Endodontic Microsurgery: A Prospective Randomized Controlled Study. <i>Journal 4.7 of Endodontics</i> , 2017 , 43, 1-6	7	38
560	Odontogenic Potential of Parathyroid Hormone-related Protein (107-111) Alone or în Combination with Mineral Trioxide Aggregate în Human Dental Pulp Cells. <i>Journal of Endodontics</i> , 2017 , 43, 2054-2060.	7	4
559	Tooth Discoloration Induced by Different Calcium Silicate-based Cements: A Systematic Review of In Vitro Studies. <i>Journal of Endodontics</i> , 2017 , 43, 1593-1601	7	60

558	MTA and Bioceramic Root End Filling Materials. 2017 , 91-99		Ο
557	Direct Pulp Capping with Calcium Hydroxide, Mineral Trioxide Aggregate, and Biodentine in Permanent Young Teeth with Caries: A Randomized Clinical Trial. <i>Journal of Endodontics</i> , 2017 , 43, 1776-1780	7	72
556	Properties of BioRoot RCS, a tricalcium silicate endodontic sealer modified with povidone and polycarboxylate. 2017 , 50 Suppl 2, e120-e136		77
555	Chemical-physical Properties and Apatite-forming Ability of Mineral Trioxide Aggregate Flow. <i>Journal of Endodontics</i> , 2017 , 43, 1692-1696	7	14
554	Mineral trioxide aggregate improves healing response of periodontal tissue to injury in mice. 2017 , 52, 1058-1067		9
553	Human Pulp Responses to Partial Pulpotomy Treatment with TheraCal as Compared with Biodentine and ProRoot MTA: A Clinical Trial. <i>Journal of Endodontics</i> , 2017 , 43, 1786-1791	7	46
552	Drug/ion co-delivery multi-functional nanocarrier to regenerate infected tissue defect. 2017 , 142, 62-76		48
551	Fabrication of MTA-like cements and their mechanical, handling, and setting properties in relation to the choice of setting solution. 2017 , 53, 733-741		1
550	Bonding over Dentin Replacement Materials. <i>Journal of Endodontics</i> , 2017 , 43, 1343-1349	7	32
549	Phase formation, microstructure and setting time of MCM-48 mesoporous silica nanocomposites with hydroxyapatite for dental applications: Effect of the Ca/P ratio. 2017 , 43, 12857-12862		4
548	Effects of Bioactive Compounds on Odontogenic Differentiation and Mineralization. 2017, 96, 107-115		11
547	Human dental pulp cells response to mineral trioxide aggregate (MTA) and MTA Plus: cytotoxicity and gene expression analysis. 2017 , 50, 780-789		26
546	Cytocompatibility of calcium silicate-based sealers in a three-dimensional cell culture model. 2017 , 21, 1531-1536		31
545	Management of coronal discolouration following a regenerative endodontic procedure in a maxillary incisor. 2017 , 62, 111-116		11
544	Comparative evaluation of push-out bond strength of Neo MTA Plus with Biodentine and white ProRoot MTA. 2017 , 31, 502-508		4
543	Histologic evaluation of the effect of mineral trioxide aggregate-Fillapex as a root canal sealer in rat teeth submitted to late replantation. 2017 , 11, 89-93		4
542	Evaluation of physicochemical properties of root-end filling materials using conventional and Micro-CT tests. 2017 , 25, 374-380		22
541	Sealing Ability of Alkaline Endodontic Cements versus Resin Cements. 2017 , 10,		5

540	Calcium Phosphate Cement with Antimicrobial Properties and Radiopacity as an Endodontic Material. 2017 , 10,	8
539	Mineral Trioxide Aggregate-A Review of Properties and Testing Methodologies. 2017 , 10,	22
538	Residual Endodontic Filling Material after Post Space Preparation: A Confocal Microscopic Study. 2017 , 10,	3
537	The Discoloration effect of White Mineral Trioxide Aggregate (WMTA), Calcium Enriched Mixture (CEM), and Portland Cement (PC) on Human Teeth. 2017 , 9, e1397-e1401	3
536	MTA versus Biodentine: Review of Literature with a Comparative Analysis. 2017 , 11, ZG01-ZG05	42
535	Cytotoxicity of New Calcium Aluminate Cement (EndoBinder) Containing Different Radiopacifiers. 2017 , 28, 57-64	8
534	Alkaline Materials and Regenerative Endodontics: A Review. 2017 , 10,	12
533	Chemistry and Bioactivity of NeoMTA Plus®ersus MTA Angelus® Root Repair Materials. 2017 , 2017, 1-9	7
532	Cellular Responses in Human Dental Pulp Stem Cells Treated with Three Endodontic Materials. 2017 , 2017, 8920356	23
531	Physicochemical and Biological Evaluation of Endodontic Filling Materials for Primary Teeth. 2017 , 28, 578-586	7
530	White mineral trioxide aggregate mixed with calcium chloride dihydrate: chemical analysis and biological properties. 2017 , 42, 176-187	6
529	Vitalerhaltung der Pulpa [Jpdate. 2017 , 11, 579-597	
528	Non-biodegradable polymer particles for drug delivery: A new technology for "bio-active" restorative materials. 2017 , 36, 524-532	17
527	Reactions of human dental pulp cells to capping agents in the presence or absence of bacterial exposure. 2017 , 59, 621-627	5
526	Bioactive-glass in Endodontic Therapy and Associated Microsurgery. 2017, 11, 164-170	7
525	Bioceramics in endodontics - a review. 2017 , 51, S128-S137	38
524	Involvement of the calcium-sensing receptor in mineral trioxide aggregate-induced osteogenic gene expression in murine MC3T3-E1 cells. 2017 , 36, 469-475	8
523	Response of periodontium to mineral trioxide aggregate and Biodentine: a pilot histological study on humans. 2018 , 63, 231-241	3

522	Effect of curing conditions on physical and chemical properties of MTA. 2018, 51, 1279-1291	3
521	Effect of 3 Bioceramic Materials on Stem Cells of the Apical Papilla Proliferation and Differentiation Using a Dentin Disk Model. <i>Journal of Endodontics</i> , 2018 , 44, 599-603	21
520	Traumatic Injuries. 2018 , 179-187	
519	Systemic bone marker expression induced by grey and white mineral trioxide aggregate in normal and diabetic conditions. 2018 , 51, 889-900	5
518	Evaluation of the bioactivity of fluoride-enriched mineral trioxide aggregate on osteoblasts. 2018 , 51, 912-923	3
517	Novel evaluation method of dentin repair by direct pulp capping using high-resolution micro-computed tomography. 2018 , 22, 2879-2887	16
516	Cytocompatibility of Biodentine and iRoot FS with human periodontal ligament cells: an in vitro study. 2018 , 51, 779-788	11
515	Delayed replantation of an avulsed immature permanent incisor and apexification using a novel fast-setting calcium silicate cement containing fluoride: a 3-year follow-up case report. 2018 , 19, 113-116	7
514	Surgical root perforation repair with guided tissue regeneration: a case report. 2018 , 45, 155-162	2
513	Freshly-mixed and setting calcium-silicate cements stimulate human dental pulp cells. 2018 , 34, 797-808	25
512	The effect of accelerated mineral trioxide aggregate on odontoblastic differentiation in dental pulp stem cell niches. 2018 , 51, 758-766	18
511	Bacterial colonization in the apical part of extracted human teeth following root-end resection and filling: a confocal laser scanning microscopy study. 2018 , 22, 267-274	16
510	Physicochemical properties and cytotoxicity of an experimental resin-based pulp capping material containing the quaternary ammonium salt and Portland cement. 2018 , 51, 26-40	4
509	Potential synergistic effects of a mixture of mineral trioxide aggregate (MTA) cement and Bacillus subtilis in dental caries treatment. 2018 , 106, 46-55	1
508	Current trends and future perspectives of dental pulp capping materials: A systematic review. 2018 , 106, 1358-1368	31
507	In vitro self-setting properties, bioactivity, and antibacterial ability of a silicate-based premixed bone cement. 2018 , 15, 460-471	5
506	MTA promotes chemotaxis and chemokinesis of immune cells through distinct calcium-sensing receptor signaling pathways. 2018 , 150, 14-24	10
505	Mineral trioxide aggregate and other bioactive endodontic cements: an updated overview - part II: other clinical applications and complications. 2018 , 51, 284-317	181

504	Mineral trioxide aggregate and other bioactive endodontic cements: an updated overview - part I: vital pulp therapy. 2018 , 51, 177-205		181
503	Clinical and histological responses of human dental pulp to MTA and combined MTA/treated dentin matrix in partial pulpotomy. 2018 , 44, 46-53		9
502	Complications due to Root Canal Filling Procedures. 2018 , 101-146		1
501	Common Complications in Endodontics. 2018,		1
500	Mechanism of bioactive molecular extraction from mineralized dentin by calcium hydroxide and tricalcium silicate cement. 2018 , 34, 317-330		12
499	Factors affecting the outcomes of direct pulp capping using Biodentine. 2018 , 22, 2021-2029		38
498	Effect of Different Treatment Options on Biomechanics of Immature Teeth: A Finite Element Stress Analysis Study. <i>Journal of Endodontics</i> , 2018 , 44, 475-479	4.7	16
497	Regenerative Endodontic Procedures among Endodontists: A Web-based Survey. <i>Journal of Endodontics</i> , 2018 , 44, 250-255	4.7	12
496	Fast setting tricalcium silicate/magnesium phosphate premixed cement for root canal filling. 2018 , 44, 3015-3023		16
495	Use of mineral trioxide aggregate for retreatment of a tooth with large periapical lesion, wide-open apices and vertical root fracture. 2018 , 2018,		1
494	. 2018,		1
493	Full Issue PDF. 2018 , 43, 563-563		O
492	Effect of pH on solubility of white Mineral Trioxide Aggregate and Biodentine: An in vitro study. 2018 , 12, 201-207		6
491	The Effect of Commercially Available Endodontic Cements and Biomaterials on Osteogenic Differentiation of Dental Pulp Pluripotent-Like Stem Cells. 2018 , 6,		7
490	Effects of silicate-based composite material on the proliferation and mineralization behaviors of human dental pulp cells: An in vitro assessment. 2018 , 37, 889-896		7
489	Root perforations: a review of diagnosis, prognosis and materials. 2018 , 32, e73		31
488	Radiopacity and Chemical Assessment of New Commercial Calcium Silicate-Based Cements. 2018 , 12, 262-268		4
487	Dental Pulp Response to RetroMTA after Partial Pulpotomy in Permanent Human Teeth. <i>Journal of Endodontics</i> , 2018 , 44, 1692-1696	4.7	12

486	Enhancing Effect of Elastinlike Polypeptide-based Matrix on the Physical Properties of Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2018 , 44, 1702-1708	4.7	8
485	Advanced Nanomaterials and Their Functionalization in Clinical Endodontics. 2018, 37-57		
484	Direct pulp capping in primary molars using a resin-modified Portland cement-based material (TheraCal) compared to MTA with 12-month follow-up: a randomised clinical trial. 2018 , 19, 197-203		9
483	Regenerative endodontics: a comprehensive review. 2018 , 51, 1367-1388		123
482	Improved single visit management of old infected iatrogenic root perforations using Biodentine \mathbb{I} . 2018 , 32, 17-24		
481	In vivo biocompatibility and biomineralization of calcium silicate cements. 2018 , 126, 326-333		13
480	Chemical Composition and Porosity Characteristics of Various Calcium Silicate-Based Endodontic Cements. 2018 , 2018, 2784632		8
479	Furcation. 2018 , 55-89		1
478	Experimental tricalcium silicate cement induces reparative dentinogenesis. 2018, 34, 1410-1423		17
477	Different Setting Conditions Affect Surface Characteristics and Microhardness of Calcium Silicate-Based Sealers. 2018 , 2018, 7136345		7
476	Effect of Blood Contamination on The Push-Out Bond Strength of Calcium Silicate Cements. 2018 , 29, 189-194		6
475	Effects of Three Calcium Silicate Cements on Inflammatory Response and Mineralization-Inducing Potentials in a Dog Pulpotomy Model. 2018 , 11,		4
474	Recent Trends in Tricalcium Silicates for Vital Pulp Therapy. 2018, 5, 178-185		5
473	Effect of intracanal medicaments used in endodontic regeneration on the push-out bond strength of a calcium-phosphate-silicate-based cement to dentin. 2018 , 34, 310-315		4
472	Effect of Exposed Surface Area, Volume and Environmental pH on the Calcium Ion Release of Three Commercially Available Tricalcium Silicate Based Dental Cements. 2018 , 11,		12
471	Effects of calcium silicate cements on dental pulp cells: A systematic review. 2018 , 77, 18-36		25
470	Mineral trioxide aggregate affects cell viability and induces apoptosis of stem cells from human exfoliated deciduous teeth. 2018 , 19, 21		11
469	Effect of Various Bleaching Agents on the Surface Composition and Bond Strength of a Calcium Silicate-based Cement. 2018 , 43, 613-618		2

468	Randomized Controlled Trial of Pulpotomy in Primary Molars using MTA and Formocresol Compared to 3Mixtatin: A Novel Biomaterial. 2018 , 42, 361-366		7
467	Bone tissue reaction, setting time, solubility, and pH of root repair materials. 2019 , 23, 1359-1366		26
466	The evaluation of MTA and Biodentine as a pulpotomy materials for carious exposures in primary teeth. 2019 , 23, 661-666		22
465	Synthesis of strontium orthosilicate (Sr2SiO4) by sol-gel method for the use in endodontic cements to enhance bioactivity and radio-contrast. 2019 , 6, 105401		O
464	Evaluation of the bond strengths of two novel bioceramic cement using a modified thin-slice push-out test model. 2019 , 16, 1998-2005		3
463	Conservative and endodontic treatment performed under general anesthesia: A discussion of protocols and outcomes. 2019 , 39, 453-463		7
462	The Periodontal-Endodontic Relationship, What Do We Know?. 2019 ,		1
461	The effect of the maturation time of calcium silicate-based cement (Biodentine) on resin bonding: an in vitro study. 2019 , 7,		9
460	A zinc oxide-modified hydroxyapatite-based cement favored sealing ability in endodontically treated teeth. 2019 , 88, 103162		8
459	Induction of Osteogenic Differentiation of Mesenchymal Stem Cells by Bioceramic Root Repair Material. 2019 , 12,		12
458	Cytotoxicity, Biocompatibility and Biomineralization of a New Ready-for-Use Bioceramic Repair Material. 2019 , 30, 325-332		27
457	In vitro induction of odontogenic activity of human dental pulp stem cells by white Portland cement enriched with zirconium oxide and zinc oxide components. 2019 , 13, 3-10		7
456	Cytotoxicity and biocompatibility of a new bioceramic endodontic sealer containing calcium hydroxide. 2019 , 33, e042		11
455	Effect of Leptin on Odontoblastic Differentiation and Angiogenesis: An In Vivo Study. <i>Journal of Endodontics</i> , 2019 , 45, 1332-1341	4.7	6
454	Shear Bond Comparison between 4 Bioceramic Materials and Dual-cure Composite Resin. <i>Journal of Endodontics</i> , 2019 , 45, 1378-1383	4.7	5
453	Materials for pulpotomy in immature permanent teeth: a systematic review and meta-analysis. 2019 , 19, 227		14
452	Effect of Direct Pulp Capping with a Novel Chemically Curable Mineral Trioxide Aggregate Material using Tri-Butylborane as a Polymerization Initiator. 2019 , 28, 383-390		1
451	Antimicrobial efficacy of commercially available endodontic bioceramic root canal sealers: A systematic review. 2019 , 14, e0223575		7

450	Effects of dodecacalcium hepta-aluminate content on the setting time, compressive strength, alkalinity, and cytocompatibility of tricalcium silicate cement. 2019 , 27, e20180247	1
449	Bioceramic cement in the filling of bone defects in rats. 2019 , 34, e201900601	3
448	A Comparative Study of the Biocompatibility of Two Root-End Filling Materials in Rat Connective Tissue. 2019 , 37, 792-799	O
447	Surface Pre-Reacted Glass Filler Contributes to Tertiary Dentin Formation through a Mechanism Different Than That of Hydraulic Calcium-Silicate Cement. 2019 , 8,	7
446	Potential Novel Strategies for the Treatment of Dental Pulp-Derived Pain: Pharmacological Approaches and Beyond. 2019 , 10, 1068	6
445	Evaluation of the Solubility, Calcium-Release Ability, and Apatite-Forming Ability of a Novel Chemically Curable Mineral Trioxide Aggregate Material. 2019 , 28, 273-280	2
444	Endodontic materials: from old materials to recent advances. 2019 , 255-299	3
443	Graphene to improve the physicomechanical properties and bioactivity of the cements. 2019 , 599-614	
442	A bibliometric analysis of the 103 top-cited articles in endodontics. 2019 , 77, 574-583	12
441	Outcome of Endodontic Microsurgery Using Mineral Trioxide Aggregate or Root Repair Material as Root-end Filling Material: A Randomized Controlled Trial with Cone-beam Computed Tomographic 4.7 Evaluation. <i>Journal of Endodontics</i> , 2019 , 45, 831-839	26
440	Pulpotomy for carious pulp exposures in permanent teeth: A systematic review and meta-analysis. 2019 , 84, 1-8	27
439	Effects of Different Calcium Silicate Cements on the Inflammatory Response and Odontogenic Differentiation of Lipopolysaccharide-Stimulated Human Dental Pulp Stem Cells. 2019 , 12,	8
438	Dislodgment Resistance of Bioceramic and Epoxy Sealers: A Systematic Review and Meta-analysis. 2019 , 19, 221-235	7
437	Regenerative Endodontic Procedures Using Contemporary Endodontic Materials. 2019, 12,	26
436	Effects of intracoronal bleaching agents on the surface properties of mineral trioxide aggregate. 2019 , 107, 465-472	3
435	Six-Month Color Stability Assessment of Two Calcium Silicate-Based Cements Used in Regenerative Endodontic Procedures. 2019 , 10,	17
434	Physicochemical, cytotoxicity and in vivo biocompatibility of a high-plasticity calcium-silicate based material. 2019 , 9, 3933	19
433	Periradicular inflammatory response, bone resorption, and cementum repair after sealing of furcation perforation with mineral trioxide aggregate (MTA Angelus Dor Biodentine D2019, 23, 4019-4027)	13

432	Comparative Study between Revitalization of Necrotic Immature Permanent Anterior Teeth with and without Platelet Rich Fibrin: A Randomized Controlled Trial. 2019 , 43, 78-85	11
431	Effects of newly-developed retrograde filling material on osteoblastic differentiation in vitro. 2019 , 38, 528-533	5
430	Addition of zirconium oxide to Biodentine increases radiopacity and does not alter its physicochemical and biological properties. 2019 , 27, e20180429	22
429	Effects of two fast-setting pulp-capping materials on cell viability and osteogenic differentiation in human dental pulp stem cells: An in vitro study. 2019 , 100, 100-105	8
428	EFFECTS OF ODONTOCEM AND MINERAL TRIOXIDE AGGREGATE-ANGELUS TOXICITY ON FIBROBLAST VIABILITY. 2019 , 32-34	
427	Morphological and Spectroscopic Study of an Apatite Layer Induced by Fast-Set Versus Regular-Set EndoSequence Root Repair Materials. 2019 , 12,	5
426	Bond strength between dentine and a novel fast-setting calcium silicate cement with fluoride. 2019 , 127, 564-569	2
425	Promotion of Dental Pulp Wound Healing in New Zealand White Rabbits' Teeth by Thai Propolis Product. 2019 , 36, 17-24	2
424	Push-out bond strength of calcium-silicate cements following Er:YAG and diode laser irradiation of root dentin. 2019 , 34, 201-207	1
423	Dental pulp capping nanocomposites. 2019 , 65-91	3
422	Effect of phytic acid on the setting times and tensile strengths of calcium silicate-based cements. 2019 , 45, 241-245	4
421	Effect of ProRoot MTA ^[] and Biodentine ^[] on osteoclastic differentiation and activity of mouse bone marrow macrophages. 2019 , 27, e20180150	5
420	Biocompatibility and biomineralization assessment of mineral trioxide aggregate flow. 2019 , 23, 169-177	18
419	In vitro and in vivo effects of a novel bioactive glass-based cement used as a direct pulp capping agent. 2019 , 107, 161-168	19
418	Stress distributions in internal resorption cavities restored with different materials at different root levels: A finite element analysis study. 2019 , 45, 64-71	3
417	Acidic and alkaline chemicals' influence on a tricalcium silicate-based dental biomaterial. 2019 , 107, 377-387	11
416	The effects of sodium hypochlorite and ethylenediaminetetraacetic acid on the microhardness of Mineral Trioxide Aggregate and TotalFill Bioceramic Putty. 2020 , 46, 33-39	3
415	Effects of fast- and slow-setting calcium silicate-based root-end filling materials on the outcome of endodontic microsurgery: a retrospective study up to 6 years. 2020 , 24, 247-255	2

(2020-2020)

414	Effect of different surface treatment protocols on the shear bond strength of perforation repair materials to resin composite. 2020 , 34, 417-426	4
413	Fracture resistance of simulated immature roots using Biodentine and fiber post compared with different canal-filling materials under aging conditions. 2020 , 24, 1333-1338	7
412	Cyclic fatigue life of novel rotary compactors: A scanning electron microscopy evaluation. 2020 , 83, 66-71	1
411	What is of interest in Endodontology? A bibliometric review of research published in the International Endodontic Journal and the Journal of Endodontics from 1980 to 2019. 2020 , 53, 36-52	16
410	Cell migration and osteo/odontogenesis stimulation of iRoot FS as a potential apical barrier material in apexification. 2020 , 53, 467-477	9
409	The effect of three different pulp capping cements on mineralization of dental pulp stem cells. 2020 , 39, 222-228	7
408	Management of a perforating internal root resorption using mineral trioxide aggregate: a case report with 5-year follow-up. 2020 , 46, 452-457	
407	Physicochemical, mechanical and cytotoxicity evaluation of chitosan-based accelerated portland cement. 2020 , 9, 11574-11586	1
406	Spectrophotometric Analysis of Coronal Tooth Discoloration Induced by Tricalcium Silicate Cements in the Presence of Blood. <i>Journal of Endodontics</i> , 2020 , 46, 1913-1919	2
405	Regenerative Endodontic Therapy in the Management of Immature Necrotic Permanent Dentition: A Systematic Review. 2020 , 2020, 7954357	3
404	Postendodontic Pain after Pulpotomy or Root Canal Treatment in Mature Teeth with Carious Pulp Exposure: A Multicenter Randomized Controlled Trial. 2020 , 2020, 5853412	3
403	Biological Effects of Tricalcium Silicate Nanoparticle-Containing Cement on Stem Cells from Human Exfoliated Deciduous Teeth. 2020 , 10,	3
402	Comparison of MTA, CEM Cement, and Biodentine as Coronal Plug during Internal Bleaching: An In Vitro Study. 2020 , 2020, 8896740	1
401	Comparative evaluation of volumetric changes of three different retrograde calcium silicate materials placed under different pH condititions. 2020 , 20, 330	3
400	Effect of apexification on occlusal resistance of immature teeth. 2020 , 20, 325	О
399	Mesoporous Bioactive Glass Nanoparticles Promote Odontogenesis and Neutralize Pathophysiological Acidic pH. 2020 , 7,	3
398	Pulp repair response after the use of a dentin-pulp biostimulation membrane (BBio) in primary teeth: study protocol for a randomized clinical trial. 2020 , 21, 874	4
397	Characterization of Living Dental Pulp Cells in Direct Contact with Mineral Trioxide Aggregate. 2020 , 9,	1

396	Marginal adaptation, solubility and biocompatibility of TheraCal LC compared with MTA-angelus and biodentine as a furcation perforation repair material. 2020 , 20, 298	11
395	Tooth Discoloration after Regenerative Endodontic Procedures with Calcium Silicate-Based Cements In Ex Vivo Study. 2020 , 10, 5793	10
394	Successful Use of MTA Fillapex as a Sealant for Feline Root Canal Therapy of 50 Canines in 37 Cats. 2020 , 37, 77-87	2
393	Material Pulp Cells and Tissue Interactions. <i>Journal of Endodontics</i> , 2020 , 46, S150-S160 4.7	5
392	Biocompatibility and Bioactivity of Set Direct Pulp Capping Materials on Human Dental Pulp Stem Cells. 2020 , 13,	6
391	Biocompatibility of a High-Plasticity, Calcium Silicate-Based, Ready-to-Use Material. 2020 , 13,	8
390	Biocompatibility and Bioactivity of Calcium Silicate-Based Bioceramics in Endodontics. 2020 , 8, 580954	4
389	Pre-application of dentin bonding agent prevents discoloration caused by mineral trioxide aggregate. 2020 , 20, 163	2
388	Cytotoxicity and Bioactivity of Dental Pulp-Capping Agents towards Human Tooth-Pulp Cells: A Systematic Review of In-Vitro Studies and Meta-Analysis of Randomized and Controlled Clinical Trials. 2020 , 13,	14
387	Clinical and Radiographic Evaluation of Pulpotomy using MTA, Biodentine and Er,Cr:YSGG Laser in primary teeth- A Clinical Study. 2020 , 29, 29-34	2
386	Nanocement/poly(vinyl alcohol) composites for endodontic applications. 2020 , 254, 123337	3
385	Comprehensive review of current endodontic sealers. 2020 , 39, 703-720	36
384	Bio-Inductive Materials in Direct and Indirect Pulp Capping-A Review Article. 2020 , 13,	35
383	Evaluation of Resin-Based Material Containing Copaiba Oleoresin (Ducke): Biological Effects on the Human Dental Pulp Stem Cells. 2020 , 10,	O
382	Bioactivity and Physicochemical Properties of Three Calcium Silicate-Based Cements: An In Vitro Study. 2020 , 2020, 9576930	5
381	The Disease Process, Diagnosis and Treatment of Invasive Cervical Resorption: A Review. 2020 , 8,	9
380	A novel bio-active adhesive monomer induces odontoblast differentiation: a comparative study. 2020 , 53, 1413-1429	1
379	Investigating the effect of bicarbonate ion on the structure and strength of calcium silicate-based dental restorative material-Biodentine. 2020 , 24, 4597-4606	2

(2021-2020)

378	Injectable phosphopullulan-functionalized calcium-silicate cement for pulp-tissue engineering: An in-vivo and ex-vivo study. 2020 , 36, 512-526	8	
377	In Vitro Effect of Putty Calcium Silicate Materials on Human Periodontal Ligament Stem Cells. 2020 , 10, 325	6	
376	Outcomes of direct pulp capping in vital primary teeth with cariously and non-cariously exposed pulp: A systematic review. 2020 , 30, 536-546	3	
375	Mineral trioxide aggregate bone cement based on wet-prepared calcium silicate. 2020 , 57, 40-55		
374	Biocompatibility of Biodentinel with Periodontal Ligament Stem Cells: In Vitro Study. 2020 , 8,	6	
373	Effects of ERK/p38 MAPKs signaling pathways on MTA-mediated osteo/odontogenic differentiation of stem cells from apical papilla: a vitro study. 2020 , 20, 50	8	
372	Contribution of Bone Marrow-derived Cells to Reparative Dentinogenesis Using Bone Marrow Transplantation Model. <i>Journal of Endodontics</i> , 2020 , 46, 404-412	5	
371	Performance of a Biodegradable Composite with Hydroxyapatite as a Scaffold in Pulp Tissue Repair. 2020 , 12,	5	
370	Calcium silicate cement interface with restorative materials through layering after different time intervals. 2021 , 109, 210-221	2	
369	Tooth discoloration and the effects of internal bleaching on the novel endodontic filling material SavDen MTA. 2021 , 120, 476-482	1	
368	Chemico-physical and mechanical evaluation of three calcium silicate-based pulp capping materials. 2021 , 33, 207-214	6	
367	Efficacy of different calcium silicate materials as pulp-capping agents: Randomized clinical trial. 2021 , 16, 723-731	8	
366	Minimally Invasive Approaches in Endodontic Practice. 2021,	1	
365	Premixed tricalcium silicate/sodium phosphate dibasic cements for root canal filling. 2021 , 257, 123682	3	
364	Tissue response to white mineral aggregate-based cement containing barium sulfate as alternative radiopacifier: A randomized controlled animal study. 2021 , 84, 705-711	2	
363	Mineral trioxide aggregate-induced AMPK activation stimulates odontoblastic differentiation of human dental pulp cells. 2021 , 54, 753-767	1	
362	Cytotoxicity of NeoMTA Plus, ProRoot MTA and Biodentine on human dental pulp stem cells. 2021 , 16, 971-979	1	
361	Manoeuvrability and biocompatibility of endodontic tricalcium silicate-based putties. 2021 , 104, 103530	2	

360	A Contemporary Treatment of an latrogenic Root Perforation: A Case Report. <i>Journal of Endodontics</i> , 2021 , 47, 520-525	4.7	2
359	Zn-doping of silicate and hydroxyapatite-based cements: Dentin mechanobiology and bioactivity. 2021 , 114, 104232		11
358	Electrospun poly(l -lactide) nanofibers coated with mineral trioxide aggregate enhance odontogenic differentiation of dental pulp stem cells. 2021 , 32, 402-410		4
357	Pulp liner materials in selective caries removal: study protocol for a randomised controlled trial. 2021 , 11, e029612		O
356	Cytotoxicity and Bioactivity of Mineral Trioxide Aggregate and Bioactive Endodontic Type Cements: A Systematic Review. 2021 , 14, 30-39		3
355	Pulpal response to mineral trioxide aggregate containing phosphorylated pullulan-based capping material. 2021 ,		2
354	Development of A Nano-Apatite Based Composite Sealer for Endodontic Root Canal Filling. 2021 , 5, 30		2
353	Antimicrobial Efficacy of Different Pulp-Capping Materials against : An Study. 2021 , 13, S608-S611		O
352	Subcutaneous Implantation Assessment of New Calcium-Silicate Based Sealer for Warm Obturation. 2021 , 9,		5
351	Clinical Approach to Regenerative Endodontics. 2021 , 63-88		
350	Ferric Sulfate Versus Calcium-Enriched Mixture Cement in Pulpotomy of Primary Molars: A Randomized Clinical Trial. 21,		О
349	Hard tissue formation after direct pulp capping with osteostatin and MTA. 2021, 46, e17		2
348	Evolution of tricalcium silicate crystalline phase by differential scanning calorimetry for the development of endodontic calcium silicate-based cements. 1		1
347	REJENERAT" 🖥 ENDODONT" 🤻 TEDAV" DE B" 🖁 OMALZEME SE 🖟 M" 🕏 LOKU MHEND" 🖫 🖟 🖟 🖟 🖟 🖟 🖟 🖟 🖟 🖟 🖟 🖟 🖟 🖟		
346	Intentional replantation and Biodentine root reconstruction. A case report with 10-year follow-up. 2021 , 54, 988-1000		1
345	Pulp Capping Materials for the Maintenance of Pulp Vitality. 2021 , 15-45		
344	Conservative endodontic management using a calcium silicate bioceramic sealer for delayed root fracture: A case report and review of the literature. 2021 , 9, 1835-1843		
343	Endodontic management of traumatized permanent teeth: a comprehensive review. 2021 , 54, 1221-12	245	12

(2021-2021)

342	Effect of surface treatments on push-out bond strength of calcium silicate-based cements to fiber posts. 2021 , 21, 131	O
341	Physical, Chemical, Mechanical, and Biological Properties of Four Different Commercial Root-End Filling Materials: A Comparative Study. 2021 , 14,	6
340	Antibacterial activities and mineral induction abilities of proprietary MTA cements. 2021 , 40, 297-303	2
339	A Systematic Review Comparing Mineral Trioxide Aggregate to Other Commercially Available Direct Pulp Capping Agents in Dogs. 2021 , 38, 34-45	
338	The Potential Translational Applications of Nanoparticles in Endodontics. 2021, 16, 2087-2106	6
337	Sonic Activation Improves Bioceramic Sealer Penetration into the Tubular Dentin of Curved Root Canals: A Confocal Laser Scanning Microscopy Investigation. 2021 , 11, 3902	1
336	Ca(OH)2 apexification of pulp necroses of the permanent incisors in a case of X-linked hypophosphataemic ricketsthe 60-month check-up: A case report. 2021 , 31, 112-116	О
335	Combined Management of Apical Root Fracture and Avulsion of Two Maxillary Permanent Central Incisors: A Case Report. 2021 , 9,	3
334	Dental stem cell signaling pathway activation in response to hydraulic calcium silicate-based endodontic cements: A systematic review of in vitro studies. 2021 , 37, e256-e268	6
333	Potential application of immunotherapy for modulation of pulp inflammation: opportunities for vital pulp treatment. 2021 , 54, 1263-1274	2
332	Comparison of Obturation Quality after MTA Orthograde Filling with Various Obturation Techniques. 2021 , 10,	О
331	Evaluation of Biodentine in Pulpotomies of Primary Teeth with Different Stages of Root Resorption Using a Novel Composite Outcome Score. 2021 , 14,	O
330	Effects of pre-mixed hydraulic calcium silicate putties on osteogenic differentiation of human dental pulp stem cells in vitro. 2021 , 108, 103653	2
329	The additive effect of iloprost on the biological properties of Mineral trioxide aggregate on mesenchymal stem cells 2022 , 17, 225-232	O
328	Tissue reaction to novel customized calcium silicate cement based dental implants. A pilot study in the dog. 2021 , 32, 61	
327	Tooth Repair and Regeneration: Potential of Dental Stem Cells. 2021 , 27, 501-511	5
326	Tunable chitosan-calcium phosphate composites as cell-instructive dental pulp capping agents. 2021 , 32, 1450-1465	4
325	The effect of different chelators on the dislodgement resistance of MTA Repair HP, MTA Angelus, and MTA Flow. 2021 , 1	

324	Comparative Evaluation of Mineral Trioxide Aggregate Obturation Using Four Different Techniques-A Laboratory Study. 2021 , 14,		O
323	A Comparative Study of Biocompatibility in Rat Connective Tissue of a New Mineral Trioxide Compound (Theracal) versus MTA and a Bioactive G3 Glass. 2021 , 10,		1
322	Adipose Tissue-derived Microvascular Fragments as Vascularization Units for Dental Pulp Regeneration. <i>Journal of Endodontics</i> , 2021 , 47, 1092-1100	4.7	5
321	Physicochemical Properties, Cytocompatibility, and Biocompatibility of a Bioactive Glass Based Retrograde Filling Material. 2021 , 11,		1
320	Evaluation of the mechanical properties and biocompatibility of gypsum-containing calcium silicate cements. 2021 , 40, 863-869		0
319	External cervical resorption: Radiological diagnosis and literature (Review). 2021 , 22, 1065		O
318	Concentrated MTA Repair HP reduced biofilm and can cause reparative action at a distance. 2021 , 54, 1925-1936		3
317	Evaluation of Endosequence Root Repair Material and Endocem MTA as direct pulp capping agents: An in vivo study. 2021 ,		2
316	Influence of Blood Contamination on Push-Out Bond Strength of Three Calcium Silicate-Based Materials to Root Dentin. 2021 , 11, 6849		2
315	Non-Surgical Endodontic Management of External Root Resorption in a Permanent Maxillary Central Incisor Tooth - A 3 Year Follow-Up of a Rare Case Scenario. 2021 , 10, 2350-2353		
314	Influence of intracoronal bleaching agents on the bond strength of MTA cements to composite resin and their surface morphology. 2021 , 1		1
313	Calcium silicate and calcium aluminate cements for dentistry reviewed.		1
312	Influence of selective immunosuppressive drug regimens on the healing of exposed dogs' dental pulp capped with a recent calcium silicate-based cement. 2021 , 1		O
311	Alkaline conditions can affect the volume and chemical characteristics of dental gutta-percha. 2021		1
310	A Novel Sol-Gel Bi2-xHfxO3+x/2 Radiopacifier for Mineral Trioxide Aggregates (MTA) as Dental Filling Materials. 2021 , 11, 7292		0
309	Biological Characteristics and Odontogenic Differentiation Effects of Calcium Silicate-Based Pulp Capping Materials. 2021 , 14,		3
308	Microdureza de dos materiales endodfiticos a base de silicato de calcio. Un ensayo ex vivo.		
307	TREATMENT OF DEEP CARIES LESION AND STEPWISE EXCAVATION TECHNIQUE. 2021 , 121, 83-89		

306	The Osteogenic Assessment of Mineral Trioxide Aggregate-based Endodontic Sealers in an Organotypic Ex Vivo Bone Development Model. <i>Journal of Endodontics</i> , 2021 , 47, 1461-1466	1
305	Local Drug Delivery Systems for Vital Pulp Therapy: A New Hope. 2021 , 2021, 5584268	2
304	Vital Pulp Therapy in Primary Dentition: Pulpotomy-A 100-Year Challenge. 2021 , 8,	1
303	Comparison of Biocompatibility of Experimental Tricalcium Phosphate Cement versus Biodentin and Mineral Trioxide Aggregate used for Furcation Perforation Repair (in vivo study). 2021 , 15, 532-538	
302	Fabrication and Characterization of a Nanofast Cement for Dental Restorations. 2021, 2021, 7343147	1
301	Influence of the addition of different radiopacifiers and bioactive nano-hydroxyapatite on physicochemical and biological properties of calcium silicate based endodontic ceramic. 2021 , 47, 28913-2892	23 ¹
300	Comparative study of pulpal responses to ProRoot MTA, Vitapex, and Metapex in canine teeth. 2021 , 16, 1274-1280	O
299	THE ASSESSMENT OF CORONAL TOOTH DISCOLORATION WITH USE OF MICROMEGA MTA OR MTA+ AS THE PULP-CAPPING MATERIAL. 1-1	
298	Comparison of the Success Rate of Mineral Trioxide Aggregate, Endosequence Bioceramic Root Repair Material, and Calcium Hydroxide for Apexification of Immature Permanent Teeth: Systematic Review and Meta-Analysis. 2021 , 13, S43-S47	O
297	Comparison of the sealing ability of various bioceramic materials for endodontic surgery. 2021 , 46, e35	1
296	Spectrophotometric Analysis of Coronal Discolouration Induced by ProRoot MTA, Biodentine and MTA Repair HP Used for Pulpotomy Procedures. 2021 , 6, 189-196	1
295	Comparison between Mineral Trioxide Aggregate Mixed with Water and Water-based Gel Regarding Shear Bond Strength with Resin-modified Glass Ionomer Cement and Composite. 2021 , 22, 353-356	
294	Silicate bioceramics elicit proliferation and odonto-genic differentiation of human dental pulp cells. 2021 ,	O
293	Diagnosis and Management of Dentoalveolar Injuries. 2013 , 248-292	3
292	Preservation of a Split Tooth: Nonsurgical Clinical Management. <i>Journal of Endodontics</i> , 2020 , 46, 1002-1,098	О
291	Citation Classics in the Journal of Endodontics and a Comparative Bibliometric Analysis with the Most Downloaded Articles in 2017 and 2018. <i>Journal of Endodontics</i> , 2020 , 46, 1042-1051	6
290	Cone beam CT assisted re-treatment of class 3 invasive cervical resorption. 2015 , 2015,	5
289	Topical application of lithium chloride on the pulp induces dentin regeneration. 2015 , 10, e0121938	26

288	Demineralized bone matrix used for direct pulp capping in rats. 2017 , 12, e0172693	6
287	Effect of iRoot Fast Set root repair material on the proliferation, migration and differentiation of human dental pulp stem cells in vitro. 2017 , 12, e0186848	8
286	Sealing ability of mineral trioxide aggregate, calcium phosphate cement, and glass ionomer cement in the repair of furcation perforations. 2013 , 56, 97-103	7
285	Limited Evidence Suggests Benefits of Single Visit Revascularization Endodontic Procedures - A Systematic Review. 2019 , 30, 527-535	4
284	Physicochemical Properties of a Bioceramic Repair Material - BioMTA. 2020 , 31, 511-515	3
283	A comparison of the sealing abilities between Biodentine and MTA as root-end filling materials and their effects on bone healing in dogs after periradicular surgery. 2019 , 27, e20180693	15
282	Dental discoloration caused by Grey-MTAFlow cement: analysis of its physicochemical, biological and antimicrobial properties. 2020 , 28, e20200269	3
281	The Effect of Chlorhexidine on Push-out Bond Strength of Mineral Trioxide Aggregate. 2014 , 6, 21-24	2
280	The Effect of Mineral Trioxide Aggregate Mixed with Chlorhexidine as Direct Pulp Capping Agent in Dogs Teeth: A Histologic Study. 2016 , 11, 320-324	5
279	Effect of Blood Exposure on Push-Out Bond Strength of Four Calcium Silicate Based Cements. 2017 , 12, 196-200	5
278	Bond Strength of White Mineral Trioxide Aggregate with and without Disodium Hydrogen Phosphate with Different Liquid-to-Powder Ratios. 2017 , 12, 293-297	2
277	Evaluation of Four Pulpotomy Techniques in Primary Molars: A Randomized Controlled Trial. 2018 , 13, 7-12	9
276	Effect of commonly used irrigants on the colour stabilities of two calcium-silicate based material. 2019 , 53, 141-145	1
275	Comparative Assessment of Tooth Color Change under the Influence of Nano Fast Cement and MTA. 2021 , 22, 48-52	1
274	Effect of five dental pulp capping agents on cell proliferation, viability, apoptosis and mineralization of human dental pulp cells. 2020 , 19, 2377-2383	5
273	Surgical intervention for treating an extensive internal resorption with unfavorable crown-to-root ratio. 2012 , 15, 388-91	5
272	Tooth resorption part I - pathogenesis and case series of internal resorption. 2013 , 16, 4-8	20
271	In-vitro evaluation of various solvents for retrieval of mineral trioxide aggregate and their effect on microhardness of dentin. 2013 , 16, 199-202	6

(2020-2013)

270	Comparative evaluation of push-out bond strength of ProRoot MTA, Biodentine, and MTA Plus in furcation perforation repair. 2013 , 16, 462-5	67
269	Role of mineral trioxide aggregate in management of external root resorption. 2013, 16, 579-81	2
268	In vitro investigations into the etiology of mineral trioxide tooth staining. 2014 , 17, 526-30	21
267	Biodentine pulpotomy several days after pulp exposure: Four case reports. 2015 , 18, 73-8	25
266	Influence of addition of calcium oxide on physicochemical properties of Portland cement with zirconium or niobium oxide. 2015 , 18, 105-8	9
265	Nonsurgical management of a large periapical lesion associated with an immature tooth displaying external inflammatory resorption. 2015 , 18, 349-53	8
264	Effect of pH on physical properties of two endodontic biomaterials. 2016 , 19, 212-9	7
263	Evaluation of the dentinal wall adaptation ability of MTA Fillapex using stereo electron microscope. 2016 , 19, 220-4	4
262	Histological evaluation of mineral trioxide aggregate and enamel matrix derivative combination in direct pulp capping: An study. 2016 , 19, 536-540	7
261	Calcium-enriched mixture pulpotomy of a human permanent molar with irreversible pulpitis and condensing apical periodontitis. 2011 , 14, 90-3	19
260	A comparative study on dental pulp response to calcium hydroxide, white and grey mineral trioxide aggregate as pulp capping agents. 2011 , 14, 351-5	49
259	Calcium-enriched mixture cement as artificial apical barrier: A case series. 2011 , 14, 427-31	38
258	Can MTA be: Miracle trioxide aggregate?. 2014 , 18, 5-8	8
257	Healing of the periapical lesion in posterior teeth with mineral trioxide aggregate using orthograde technique - Two case reports. 2012 , 3, S264-8	4
256	Comparative evaluation of calcium silicate-based dentin substitute (Biodentine) and calcium hydroxide (pulpdent) in the formation of reactive dentin bridge in regenerative pulpotomy of vital primary teeth: Triple blind, randomized clinical trial. 2016 , 7, 457-463	13
255	Type III apical transportation of root canal. 2012 , 3, 134-6	6
254	Coronal microleakage of three different dental biomaterials as intra-orifice barrier during nonvital bleaching. 2015 , 12, 581-8	11
253	Comparison of the microleakage of mineral trioxide aggregate, calcium-enriched mixture cement, and Biodentine orthograde apical plug. 2020 , 17, 66	2

252	Biocompatibility of mineral trioxide aggregate and three new endodontic cements: An animal study. 2012 , 9, 54-9	14
251	comparison of apical microleakage by spectrophotometry in simulated apexification using White Mineral Trioxide Aggregate, TotalFill Bioceramic Root Repair material, and BioDentine. 2019 , 22, 237-240	2
250	Bond strength of composite resin to white mineral trioxide aggregate: Effect of different surface treatments. 2018 , 21, 350-353	4
249	Evaluation of bioceramics and zirconia-reinforced glass ionomer cement in repair of furcation perforations: An study. 2018 , 21, 184-189	5
248	Shear bond strength of different restorative materials to mineral trioxide aggregate and Biodentine. 2017 , 20, 292-296	15
247	Use of mineral trioxide aggregate in surgical and conventional endodontics: a report of five cases. 2013 , 6, 134-9	2
246	Comparison of shear bond strength of calcium-enriched mixture cement and mineral trioxide aggregate to composite resin. 2011 , 12, 457-62	18
245	Evaluation of the physicochemical properties and push-out bond strength of MTA-based root canal cement. 2013 , 14, 1094-9	10
244	Pulpotomy Medicaments used in Deciduous Dentition: An Update. 2015 , 16, 486-503	9
243	In vitro Evaluation of the Efficacy of 2% Carbonic Acid and 2% Acetic Acid on Retrieval of Mineral Trioxide Aggregate and their Effect on Microhardness of Dentin. 2016 , 17, 568-573	1
242	Dental Material Choices for Pulp Therapy in Paediatric Dentistry. 2017 , 2, 1-6	3
241	pH and Antimicrobial Activity of Portland Cement Associated with Different Radiopacifying Agents. 2012 , 2012, 469019	13
240	Effect of Blood Contamination on Marginal Adaptation and Surface Microstructure of Mineral Trioxide Aggregate: A SEM Study. 2013 , 7, 157-63	21
239	COMPARISON OF SETTING EXPANSION AND TIME OF ORTHOMTA, PROROOT MTA AND PORTLAND CEMENT. 2011 , 38, 229-236	4
238	Regenerative Endodontic Treatment Without Discoloration of Infected Immature Permanent Teeth Using Retro MTA: Two Case Reports. 2014 , 41, 335-343	3
237	SHEAR BOND STRENGTH OF TWO CALCIUM SILICATE-BASED CEMENTS TO COMPOMER. 18-23	2
236	Choice of Treatment Plan Based on Root Canal Therapy versus Extraction and Implant Placement: A Mini Review. 2015 , 10, 152-5	3
235	Coronal Discoloration Induced by Calcium-Enriched Mixture, Mineral Trioxide Aggregate and Calcium Hydroxide: A Spectrophotometric Analysis. 2016 , 11, 23-8	14

234	Human Pulp Response to Direct Pulp Capping and Miniature Pulpotomy with MTA after Application of Topical Dexamethasone: A Randomized Clinical Trial. 2016 , 11, 85-90	8
233	X-ray Diffraction Analysis of ProRoot Mineral Trioxide Aggregate Hydrated at Different pH Values. 2016 , 11, 111-3	5
232	Comparison of Tooth Discoloration Induced by Calcium-Enriched Mixture and Mineral Trioxide Aggregate. 2016 , 11, 175-8	8
231	The effects of root canal perforation repair materials on the bond strength of fiber posts. 2021 , 19, 2280800	02110270
230	Chitosan-Based Accelerated Portland Cement Promotes Dentinogenic/Osteogenic Differentiation and Mineralization Activity of SHED. 2021 , 13,	1
229	Physico-chemical characterization, bioactivity evaluation and cytotoxicity of PDA nanoparticles doped tricalcium silicate cements. 2021 ,	1
228	Vital Pulp Therapy in Aesthetic Zone-Identifying the Biomaterial That Reduces the Risk of Tooth Discolouration. 2021 , 14,	O
227	Influence of the Addition of Calcium Hydroxide Powder on Some Physical and Chemical Properties of the Sealer MTA Fillapex. 2012 , 3, 180-183	1
226	APEXIFICATION WITH BIODENTINE - A CASE REPORT. 2013 , 5, 3-5	
225	<i>In vivo</i> evaluation of an experimental root-end filling material versus MTA. 2013 , 03, 19-23	
224	Scaffolds for Pulp Repair and Regeneration. 2014 , 251-265	O
223	Mineral Trioxide Aggregate Apexification in a Nonvital Immature Central Incisor Tooth using an Internal Matrix. 2014 , 4, 113-117	2
222	Pulp Therapy for Primary and Immature Permanent Teeth in Children: Review of Literature. 2015 , 10, 96-106	
221	Sealing Ability of Biomaterials as Apical Plug, A Literature Review. 2015 , 2,	
220	Healing of Large Periapical with Tricalcium Silicate-based Root End Filling Material. 2016 , 1, 41-45	
219	Effect of different mixing methods on the physical properties of Portland cement. 2016 , 8, e475-e479	2
218	The evaluation of interfaces between MTA and two types of GIC (conventional and resin modified) under an SEM: An in vitro study. 2016 , 19, 254-8	1
217	Management of Traumatized Open Apex Teeth with Mineral Trioxide Aggregate Apexification and Demineralized Freeze-dried Bone Allograft as Apical Matrix. 2016 , 6, 194-199	O

Regenerative Endodontic Procedure in Korean Children and Adolescents: A Case Report. **2016**, 16, 317-322

215	Etilendiamin tetraasetik asit ve etidronik asitin Biodentine yßey pßlßßerine etkisi: in vitro. 2017 , 34, 19-19	
214	Single-visit Apexification using Biodentin. 2017 , 2, 40-42	
213	Pulpectomy using mineral trioxide aggregate of a nonvital primary molar with no permanent premolar successor. 2017 , 29, 164	
212	Comparison of physical properties between paste type mineral trioxide aggregates (MTA) and powder-liquid mix type MTA. 2017 , 44, 11-20	4
211	MINERAL TRIOXIDE AGGREGATE VERSUS BIODENTINE AS RETROGRADE FILLING MATERIAL- A CLINICAL REVIEW. 2017 , 6, 3482-3486	
210	Comparison of intraosseous implantation between paste type mineral trioxide aggregates (MTA) and powder-liquid mix type MTA. 2017 , 44, 229-246	3
209	Future Perspectives for Dental Composites. 2018 , 291-301	1
208	The Influence of Humidity on Intra-tubular Penetration and Bond Strength of AH Plus and MTA Fillapex: An In Vitro Study. 2018 , 3, 48-54	0
207	Comparison of bond strength of a composite resin with two different adhesive systems and a resin modified glass ionomer to calcium enriched mixture. 2018 , 21, 369-372	1
206	Management of Cracked Teeth: A Report of Two Cases. 2018 , 3, 48-51	
205	Comparing the Ability of Different Materials and Techniques in Filling Artificial Internal Resorption Cavities. 2019 , 4, 21-27	1
204	Management of the Open Apex using New Biomaterials. 2018 , 3, 43-47	0
203	Push-out bond strength of intra-orifice barrier materials: Bulk-fill composite versus calcium silicate cement. 2018 , 12, 6-11	1
202	Management of Dens Invaginatus in a Maxillar Lateral Incisor with Open Apex and Persistent Sinus Tract: a Case Report. 2018 , 22, 111-114	
201	Effects of RetroMTA on osteoblastic differentiation in MC3T3-E1 cells. 2018 , 45, 97-110	2
200	Fortification of Fractured Instrument Removal Simulated Roots Using Several Calcium Silicate-Based Materials.	
199	Management of merged external/internal root resorption using CEM cement: a case report 2018 , 7, 318-322	O

198	Anlise da composib quinica dos cimentos MTA Angelus Dranco, cinza e HP Repair atravs de Microscopia Eletrilica de Varredura (MEV) acoplada a Espectrinetro de Energia Dispersiva (EDS). 48,	0
197	evaluation of cytotoxicity of (amla) on cultured human primary dental pulp fibroblasts. 2019 , 37, 251-257	2
196	Comparative Evaluation of the Fracture Resistance of Simulated Immature Teeth Reinforced with a Novel Anatomic Post and MTA or Biodentine as an Apical Barrier: An In Vitro Study. 2020 , 4, 62-67	
195	Rapidly Curing Chitosan Calcium Phosphate Composites as Dental Pulp Capping Agents.	O
194	Comparative evaluation of sealing ability of calcium sulfate with self-etch adhesive, mineral trioxide aggregate plus, and bone cement as furcal perforation repair materials: An dye extraction study. 2019 , 30, 573-578	1
193	Bioactivity of endodontic biomaterials on dental pulp stem cells through dentin. 44,	
192	Vital Pulpa Tedavisinde Kullan - lan Kalsiyum Silikat - Brikli Biyomateryallerin Restoratif Materyallere Ba - lanma Dayan - m - n - De - Brlendirilmesi.	
191	Comparison of cytotoxic effects of calcium silicate-based materials on human pulp fibroblasts Mehmet. 2019 , 13, 241-246	1
190	DENT N B YOM MET K REM NERAL ZASYONU.	
189	Protection of the Dentin-Pulp Complex. 2020 , 289-333	
188	Olgunlafham ʿĐilerde Kullan ʾ lan ʾeltli Biyomateryallerin Mikros ʾ ᡓ ʾ ət ʾ ṣ ʾ ə ʾ ə De ʾ erlendirilmesi.	
187	Endodontic Surgery Associated with Guided Tissue Regeneration Technique: Case Report. 2019 , 21, 336-341	
186	Histologic Evaluation of Artificial Floors Under MTA and Nano-Filled Resin-Modified Glass Ionomer Used to Repair Furcation Perforations in Dogs. 2020 , 5, 138-144	
185	Evaluation of the film thickness and antibacterial property of mineral trioxide aggregate mixed with propylene glycol as a root canal sealer. 2020 , 17, 142	
184	A Randomized Split Mouth Clinical Trial Comparing Mineral Trioxide Aggregate with a New Fast-setting Calcium Silicate Cement in Direct Pulp Capping of Primary Molars: A Preliminary Report from a Long-term Follow-up. 2020 , 13, 390-394	1
183	Bond strength and marginal adaptation of a novel root-end filling material. 2020, 44,	О
182	Status and Survey of Pulp Treatment by Korean Pediatric Dentists. 2020 , 47, 277-292	O

180	Decision-Making and Management of Immature Permanent Teeth with Crown Fractures in Small Animals-A Review. 2021 , 38, 81-92	О
179	Bioactivity of endodontic biomaterials on dental pulp stem cells through dentin. 2020, 45, e3	3
178	Ageing of TotalFill BC Sealer and MTA Fillapex in Simulated Body Fluid. 2021,	О
177	Evaluation and Comparison of the Effect of MTA, MTA Plus, Chitosan, and Their Conjugates on Cell Viability of Human Periodontal Ligament Fibroblasts: An In Vitro Study. 2020 , 5, 74-78	
176	Knowledge, attitude, and practice of general dental practitioners toward following proper standards of endodontic practice and use of latest technology in Dehradun: A cross-sectional study. 2020 , 9, 282-286	1
175	Sealing Ability of Calcium Silicate-based Materials in the Repair of Furcal Perforations: A Laboratory Comparative Study. 2021 , 21, 1091-1097	О
174	The Apical Extent of Mineral Trioxide Aggregate Apical Barrier Does not Influence the Treatment Outcome in a Nonvital Immature Permanent Anterior Tooth: A Split-Mouth Clinical Study. 2021 , 6, 44-49	
173	Spectrophotometric analysis of the color stability of white mineral trioxide aggregate in contact with four different irrigating solutions - An study. 2020 , 23, 377-383	
172	In Vitro Mitigation of Arsenic-Induced Toxicity by Reduced Glutathione in Rat Pulp Cells. 2020 , 5, 277-281	
171	Sealing Efficiency of MTA, Accelerated MTA, Biodentine and RMGIC as Retrograde Filling Materials. 2021 , 25, 159-165	1
170	Evaluation of Two Different Types of Mineral Trioxide Aggregate Cements as Direct Pulp Capping Agents in Human Teeth. 2021 , 11, 10455	1
169	TR" BALS" BUM S" [I" BAT " BR" BL" [IFARKLI ENDODONT" B MATERYAL" N SEBEP OLDU" [II KORONAL D' [RENKLEMES" N" N SPEKTROFOTOMETR" B ANAL" Z YNTEM" [I [IE DE" BRLEND" B" [IMES" [I	
168	SURFACE MICROHARDNESS AND ROUGHNESS PROPERTIES OF BIODENTINE. 1-1	
167	ENDODONTIC TREATMENT OF INVAGINATED CANAL WITH MTA AND A VITAL PULP WITH TYPE 3 DENS INVAGINATUS : 2-YEAR FOLLOW UP CASE REPORT. 1-1	
166	Filling of Root Canals After Minimally Invasive Preparation. 2021 , 109-135	
165	Minimally Invasive Approach to Endodontic Retreatment and Surgical Endodontics. 2021 , 137-169	
164	Nonsurgical Removal of Overextended Gutta-Percha Root Canal Filling in a Permanent Maxillary Central Incisor with Apical Root Resorption - A Case Report. 2020 , 9, 3159-3162	
163	Biodentine VS MTA: A comparitive analysis. 2020 , 6, 201-208	3

162	Apical Sealing Ability of MTA in Different Liquid to Powder Ratios and Packing Methods. 2012, 7, 5-9	4
161	Direct pulp-capping with calcium enriched mixture in primary molar teeth: a randomized clinical trial. 2010 , 5, 27-30	27
160	A New Method for Evaluating the Diffusion of Ca(2+) and OH(-) Ions through Coronal Dentin into the Pulp. 2012 , 7, 189-97	10
159	Twenty years of research on mineral trioxide aggregate: a scientometric report. 2013 , 8, 1-5	13
158	Effect of calcium hydroxide premedication on the marginal adaptation of calcium-enriched mixture cement apical plug. 2012 , 9, 706-9	7
157	Treatment of Strip Perforation Using Root MTA: A Case Report. 2013 , 8, 80-3	9
156	Effect of MTA and Portland Cement on Fracture Resistance of Dentin. 2013, 7, 81-5	3
155	Periradicular surgery of human permanent teeth with calcium-enriched mixture cement. 2013 , 8, 140-4	20
154	Vital pulp therapy with three different pulpotomy agents in immature molars: a case report. 2013 , 8, 145-8	9
153	Bond strength of composite resin to pulp capping biomaterials after application of three different bonding systems. 2013 , 7, 152-6	5
152	Treatment outcomes of primary molars direct pulp capping after 20 months: a randomized controlled trial. 2013 , 8, 149-52	25
151	Mineral Trioxide Aggregate Mixed with Normal Saline, Calcium Chloride or KY Jelly as Apical Plug in Simulated Open Apices: An In vitro Microleakage Study. 2014 , 9, 45-9	5
150	Effect of acidic environment on dislocation resistance of endosequence root repair material and mineral trioxide aggregate. 2014 , 11, 161-6	9
149	Biocompatibility of a new pulp capping cement. 2014 , 5, 69-76	10
148	Sealing ability of mineral trioxide aggregate and calcium-enriched mixture cement as apical barriers with different obturation techniques. 2014 , 9, 261-5	15
147	Cytotoxic effects of various mineral trioxide aggregate formulations, calcium-enriched mixture and a new cement on human pulp stem cells. 2014 , 9, 271-6	16
146	Outcomes of different vital pulp therapy techniques on symptomatic permanent teeth: a case series. 2014 , 9, 295-300	29
145	Novel apexification method in a non-vital tooth with an open apex: a case report. 2014 , 11, 371-8	1

144	A review on vital pulp therapy in primary teeth. 2015 , 10, 6-15	27
143	A new simulated plasma for assessing the solubility of mineral trioxide aggregate. 2015 , 10, 30-4	4
142	Nonsurgical management of an extensive perforative internal root resorption with calcium-enriched mixture cement. 2015 , 10, 75-8	7
141	Histological Evaluation of Single and Double-visit Direct Pulp Capping with Different Materials on Sound Human Premolars: A Randomized Controlled Clinical Trial. 2015 , 10, 82-8	9
140	Nano-hydroxyapatite and calcium-enriched mixture for pulp capping of sound primary teeth: a randomized clinical trial. 2015 , 10, 107-11	14
139	The Effect of Different Mixing Methods on the pH and Solubility of Mineral Trioxide Aggregate and Calcium-Enriched Mixture. 2015 , 10, 140-3	10
138	Microhardness Properties of Mineral Trioxide Aggregate and Calcium-enriched Mixture Cement Plugs at Different Setting Conditions. 2015 , 7, 36-9	2
137	Miniature Pulpotomy of Symptomatic Mature Permanent Teeth: A Report of Two Cases. 2016 , 11, 75-8	9
136	Apical Sealing Ability of a Novel Material: Analysis by Fluid Filtration Technique. 2014 , 48, 132-9	8
135	Indexing of Iranian Publications in Well-known Endodontic Textbooks: A Scientometric Analysis. 2016 , 11, 157-63	1
134	Removal of a Broken Instrument from a Tooth with Apical Periodontitis Using a Novel Approach. 2016 , 11, 237-40	2
133	Conservative Management of Unset Mineral Trioxide Aggregate Root-End Filling: A Case Report. 2016 , 11, 241-5	2
132	Mineral trioxide aggregate (MTA): its history, composition, and clinical applications. 2015 , 36, 247-52; quiz 254, 264	23
131	Effect of temperature on the setting time of Mineral Trioxide Aggregate (MTA). 2015 , 8, 88-91	
130	Microleakage of Mineral Trioxide Aggregate, Calcium-Enriched Mixture Cement and Biodentine Intra-Orifice Barriers. 2017 , 12, 211-215	4
129	Endodontic Management of Open Apex Teeth Using Lyophilized Collagen Sponge and MTA Cement: Report of Two Cases. 2017 , 12, 248-252	3
128	Treatment Outcomes of Full Pulpotomy as an Alternative to Tooth Extraction in Molars with Hyperplastic/Irreversible Pulpitis: A Case Report. 2017 , 12, 261-265	5
127	Efficacy of Enamel Matrix Derivative in Vital Pulp Therapy: A Review of Literature. 2017 , 12, 269-275	2

Effect of Propylene Glycol on the Sealing Ability of Mineral Trioxide Aggregate and Calcium-Enriched Mixture Cement Apical Barriers. **2017**, 12, 318-322

125	Evaluation of Properties of Mineral Trioxide Aggregate with Methyl Cellulose as Liquid. 2017 , 14, 7-12	
124	The Effect of a Mineralized Bone Graft on the Surface Microhardness of Mineral Trioxide Aggregate and Biodentine. 2018 , 13, 83-87	3
123	Revascularization and Apical Plug in an Immature Molar. 2018 , 13, 139-142	4
122	Development of a dual-cure mineral trioxide aggregate-based cement: Biological, physical, and mechanical properties. 2018 , 21, 74-79	1
121	Evaluation of Microhardness of Mineral Trioxide Aggregate After Immediate Placement of Different Coronal Restorations: An In Vitro Study. 2018 , 15, 116-122	1
120	Comparison of sealing ability of ProRoot mineral trioxide aggregate, biodentine, and ortho mineral trioxide aggregate for canal obturation by the fluid infiltration technique. 2018 , 15, 307-312	1
119	Mineral Trioxide Aggregate and Diluted Formocresol Pulpotomy: Prospective and Retrospective Study Outcomes. 2018 , 100, 40-65	5
118	evaluation of coronal discoloration following the application of calcium-enriched mixture cement, Biodentine, and mineral trioxide aggregate in endodontically treated teeth. 2019 , 16, 53-59	1
117	Comparison of Antibacterial Activities of ProRoot MTA, OrthoMTA, and RetroMTA Against Three Anaerobic Endodontic Bacteria. 2018 , 15, 294-299	
116	Evaluation of sealing abilitiy of mineral trioxide aggregate mixed with propylene glycol as a root canal sealer: A study. 2019 , 16, 216-220	3
115	Comparison of the microleakage of mineral trioxide aggregate, calcium-enriched mixture cement, and Biodentine orthograde apical plug. 2020 , 17, 66-72	1
114	Evaluation of the film thickness and antibacterial property of mineral trioxide aggregate mixed with propylene glycol as a root canal sealer. 2020 , 17, 142-146	
113	Effect of Incorporating Hydroxyapatite and Zinc Oxide Nanoparticles on the Compressive Strength of White Mineral Trioxide Aggregate. 2020 , 21, 300-306	1
112	Comparison of Bacterial Microleakage of Endoseal MTA Sealer and Pro-Root MTA in Root Perforation. 2021 , 22, 96-101	1
111	Antibacterial effectiveness of diluted preparations of intracanal medicaments used in regenerative endodontic treatment on dentin infected by bacterial biofilm: An investigation. 2021 , 18, 37	
110	Persistence of postoperative pain due to extrusion of endodontic obturator plastic carrier: A report of two cases treated with a periradicular microsurgical approach. 2021 , 18, 34	
109	Effect of Incorporation of Zeolite Containing Silver-Zinc Nanoparticles into Mineral Trioxide Aggregate on Odontogenic Activity of Human Dental Pulp Stem Cells. 2021 , 22, 187-192	

The clinical and radiographic evaluation of Allium sativum oil (garlic oil) in comparison with mineral trioxide aggregate in primary molar pulpotomy.. **2021**, 18, 100

107	Root-end filling materials. 2022 , 285-310	
106	Mineralized nodule formation in primary osteoblasts culture in titanium doped phosphate glass and in-house prepared freeze dried demineralized bone extracts. 2022 , 276, 125425	О
105	Portland cement-based formulations: Advances and modifications. 2022 , 227-250	
104	Resolution of a large periapical lesion in an immature maxillary lateral incisor with the aid of triple antibiotic paste. 2021 , 76, 560-564	1
103	Effect of bioactive glass addition on the physical properties of mineral trioxide aggregate. 2021 , 25, 39	1
102	Evaluation of the Antimicrobial Effect of Mineral Trioxide Aggregate Mixed with Fluorohydroxyapatite against In Vitro. 2021 , 2021, 6318690	
101	Proliferation of Fibroblast Cells in Periradicular Tissue Following Intentional Replantation of Vertical Root Fractures Using Two Materials. 2021 , 22, 998-1002	
100	: The Use of Mineral Trioxide Aggregate in The Treatment of Horizontal Root Fractures: A Case Presentation and Literature Update.	
99	Evaluation of the Use of Bioceramics in Endodontic Management, Literature Review. 2021 , 12, 87-90	
98	Portland Cement: An Overview as a Root Repair Material 2022, 2022, 3314912	О
97	Effects of root-end filling materials on vascular endothelial cell proliferation and tube formation. 2021 ,	O
96	Pulpotomy for treatment of complicated crown fractures in permanent teeth: A systematic review 2022 ,	2
95	Effect of an Intraorifice Barrier on Endodontically Treated Teeth: A Systematic Review and Meta-Analysis of In Vitro Studies 2022 , 2022, 2789073	O
94	Effect of biodentine coated with emdogain on proliferation and differentiation of human stem cells from the apical papilla 2022 , 1	1
93	Effect of irrigants on the color stability, solubility, and surface characteristics of calcium-silicate based cements 2022 , 47, e10	O
92	Biological properties of lithium-containing surface pre-reacted glass fillers as direct pulp-capping cements 2021 ,	1
91	Development and Analysis of a Hydroxyapatite Supplemented Calcium Silicate Cement for Endodontic Treatment 2022 , 15,	1

90	Microscopic and elemental characterization of hydrated dental pulp capping agents 2021, 24, 496-501	O
89	Do intracanal medications used in regenerative endodontics affect the bond strength of powder-to-liquid and ready-to-use cervical sealing materials?. 2021 , 24, 464-469	1
88	Current status on antimicrobial activity of a tricalcium silicate cement 2022, 64,	O
87	MTA-Enriched Polymeric Scaffolds Enhanced the Expression of Angiogenic Markers in Human Dental Pulp Stem Cells 2022 , 2022, 7583489	1
86	Effect of chlorhexidine gluconate as hemostatic agent in healing and repair after mineral trioxide aggregate vital pulp therapy in young permanent teeth 🖟 clinical study. 65, 222-228	
85	Volumetric Evaluation of Voids and Gaps of Different Calcium-Silicate Based Materials Used in Furcal Perforations: A Micro-CT Study 2022 , 10,	1
84	Present status and future directions - hydraulic materials for endodontic use 2022,	2
83	Effects of calcium silicate-based cements on odonto/osteogenic differentiation potential in mesenchymal stem cells 2022 ,	O
82	Characterisation of the calcium silicate-based cement-composite interface and the bonding strength with total-etch or single/two-stage self-etch adhesive systems 2021 ,	O
81	Mechanical and physico-chemical properties of premixed-MTA in contact with three different types of solutions. 2021 , 48, 281-292	O
80	Modern Medicaments for Endodontic Treatment in Children. 2021 , 408-420	
79	Anti-washout tricalcium silicate cements modified by konjac glucomannan/calcium formate complex for endodontic applications. 2022 ,	1
78	Differential Responses of Human Dental Pulp Stromal Cells to Bioceramic Materials: A Comparative In Vitro Study. 2022 , 22, 1386-1392	
77	Pulp therapy and root canal treatment techniques in immature permanent teeth: an update 2022 , 232, 524-530	O
76	Review on synthesis, properties and multifarious therapeutic applications of nanostructured zirconia in dentistry 2022 , 12, 12773-12793	3
75	Biodentine or Mineral Trioxide Aggregate as Direct Pulp Capping Material in Mature Permanent Teeth with Carious Exposure? A Systematic Review and Meta-analysis 2021 , 46, 631-640	
74	Bioactive potential of Bio-C Pulpo is evidenced by presence of birefringent calcite and osteocalcin immunoexpression in the rat subcutaneous tissue 2022 ,	
73	Morphological and Chemical Analysis of Different Types of Calcium Silicate-Based Cements. 2022 , 2022, 1-16	

72	Root-end resection with or without retrograde obturation after orthograde filling with two techniques: A micro-CT study.	
71	Vitronectin-Derived Peptide Promotes Reparative Dentin Formation. 002203452211015	1
70	Comparative Evaluation of Ozonoid Olive Oil and Calcium Hydroxide as an Indirect Pulp Capping Agent in Primary Mandibular Second Molar: A Randomized Controlled Trial. 2022 , 23, 208-214	
69	Acid neutralizing and remineralizing orthodontic adhesive containing hydrated calcium silicate. 2022 , 123, 104204	O
68	Confocal laser scanning microscopic evaluation of sealing ability of bone cement, mineral trioxide aggregate and biodentine as root-end filling materials: An in vitro study. 2022 , 34, 86	0
67	Direct pulp capping with mineral trioxide aggregate and biodentine in cariously exposed molar teeth: 1-year follow-up [An In vivo study. 2022 , 14, 983	1
66	Development and Assessment of Bioactive Coatings for the Prevention of Recurrent Caries Around Resin Composite Restorations. 2022 , 47, E152-E161	
65	Micro-CT comparative evaluation of porosity and dentin adaptation of root end filling materials applied with incremental, bulk, and ultrasonic activation techniques. 095441192211028	
64	Interleukin-6, tumor necrosis factor-pand CD5 immunolabeling of new experimental endodontic sealer and repair material.	
63	Pilot Evaluation of Sealer-Based Root Canal Obturation Using Epoxy-Resin-Based and Calcium-Silicate-Based Sealers: A Randomized Clinical Trial. 2022 , 15, 5146	1
62	Comparative evaluation of the apical leakage of different bioceramic retrofilling materials with and without smear layer: A stereomicroscopic study. 2022 , 33, 46	
61	A comparative histological study of the effect of TheraCal LC and biodentine on direct pulp capping in rabbits: an experimental study.	1
60	Pulpa Kuafaj˜-ve Kuafaj Materyallerine Gficel Bir Bak˜ ⊞Derleme.	
59	Modified Mineral Trioxide Aggregate Versatile Dental Material: An Insight on Applications and Newer Advancements. 10,	1
58	Influence of Acidic Environmental Conditions on Push-Out Bonding Strength of Four Calcium Silicate-Based Materials to Root Dentin. 2022 , 2022, 1-10	0
57	The Immunomodulatory and Regenerative Effect of Biodentinelbn Human THP-1 Cells and Dental Pulp Stem Cells: In Vitro Study. 2022 , 2022, 1-12	О
56	Complicated Crown Fracture of Permanent Incisors: A Conservative Treatment Case Report and a Narrative Review. 2022 , 9, 481	О
55	Effect of therapeutic fractionated radiotherapy on bond strength and interfacial marginal adaptation of Adseal, MTA Fillapex, and EndoSequence BC sealer: An in vitro study. 2022 , 12, 289	O

54	Push-Out Bond Strength and Dentinal Penetration of a Novel Herbal-Based Pulp Capping Agent: An In vitro Study. 2022 , 10, 365-371	0
53	Comparison of Mineral Trioxide Aggregate and Biodentine for Open Apex Management in Children with Nonvital Immature Permanent Teeth: A Systematic Review.	O
52	X-Ray Diffraction Analysis of Various Calcium Silicate-Based Materials. 2022 , 22, 191-198	O
51	Effect of Different Adhesive Strategies on the Microshear Bond Strength of Calcium-Silicate-Based Materials. 232020682211189	O
50	Characterization, Physical Properties, and Biocompatibility of Novel Tricalcium Silicate@hitosan Endodontic Sealer.	О
49	Comparative cytocompatibility of the new calcium silicate-based cement NeoPutty versus NeoMTA Plus and MTA on human dental pulp cells: an in vitro study.	O
48	Histopathological evaluation of pulp response to portland cement compared to MTA after primary canines pulpotomy (in vivo study). 2022 , 8,	О
47	Evaluation of physico chemical properties, cell viability and mineralization potential of New Pozzolan (fly Ash)-Based Mineral Trioxide Aggregate cement. 2022 , 12, 847-852	O
46	In vivo comparison of bioceramic putty and mineral trioxide aggregate as pulpotomy medicament in primary molars. A 12-month follow-up randomized clinical trial. 2022 , 19, 84	0
45	Biocompatibility and mineralization potential of new calcium silicate cements. 2022,	O
44	Physicochemical and Antibacterial Properties of Bioactive Retrograde Filling Materials. 2022 , 9, 624	3
43	An Updated Review on Properties and Indications of Calcium Silicate-Based Cements in Endodontic Therapy. 2022 , 2022, 1-19	1
42	Novel Osteogenic and Easily Handled Endodontic Calcium Silicate Cement Using Pluronic F127 Hydrogel. 2022 , 15, 6919	О
41	Clinical outcomes of non-surgical root canal obturations using NeoMTA : A retrospective series of case reports.	O
40	Chemical-Physical Properties and Bioactivity of New Premixed Calcium Silicate-Bioceramic Root Canal Sealers. 2022 , 23, 13914	3
39	A Review on Calcium Silicate Ceramics: Properties, Limitations, and Solutions for Their Use in Biomedical Applications.	1
38	Outcome of pulpotomy in permanent teeth with irreversible pulpitis: a systematic review and meta-analysis. 2022 , 12,	О
37	Effect of intracanal scaffolds on the success outcomes of Regenerative Endodontic Therapy - A systematic review and meta-analysis. 2022 ,	O

36	pH, Ion Release Capability, and Solubility Value of Premixed Mineral Trioxide Aggregates. 2022 , 49, 379-391	O
35	Factors affecting the outcome of full pulpotomy in permanent posterior teeth diagnosed with reversible or irreversible pulpitis. 2022 , 12,	O
34	pH changes of root dentin following root canal filling with three different calcium silicate-based cements over 4-week period.	О
33	Towards a New Concept of Regenerative Endodontics Based on Mesenchymal Stem Cell-Derived Secretomes Products. 2023 , 10, 4	1
32	Effects of CEM cement and emdogain on proliferation and differentiation of human stem cells from the apical papilla: a comparative in vitro study.	О
31	Survival analysis of pulpectomy in primary molars performed under dental general anaesthesia: a two-year retrospective study. 2022 , 22,	O
30	Vital pulp therapy: the past, present and future. 2022 , 49, 905-910	0
29	Comparison of Coronal Discoloration Induced by White MTA and CEM Cement. 2022 , 6, 371	O
28	Undergraduate Endodontic Training and Its Relation to Contemporary Practice: Multicenter Cross-Sectional Study in Saudi Arabia. 2023 , 2023, 1-9	O
27	Novel antibacterial and apatite forming restorative composite resin incorporated with hydrated calcium silicate.	O
26	Microstructure and color stability of calcium silicate-based dental materials exposed to blood or platelet-rich fibrin.	О
25	Exosome-Based Cell Homing and Angiogenic Differentiation for Dental Pulp Regeneration. 2023 , 24, 466	О
24	Influence of Direct Pulp Capping with Calcium Hydroxide and Mineral Trioxide Aggregate on Systemic Oxidative Stress in Rats. 2022 ,	О
23	Effect of Different Durations of Home Bleaching on Tooth Discoloration Caused by Mineral Trioxide Aggregate: An In Vitro Study. 2023 , 8, 11-17	O
22	Application of New Nanostructured Materials in Furcation Defects Therapy.	О
21	In Vitro Comparison of the Push-Out Bond Strength of RetroMTA, OrthoMTA, and ProRoot MTA. 2023 , 8, 1-10	O
20	A Review of Pulp Therapy for Primary and Immature Permanent Teeth. 2013 , 41, 585-595	О
19	Comparative evaluation of fracture resistance of simulated immature teeth restored with apical plugs of mineral trioxide aggregate, Biodentine, and bone cement: An in vitro study. 2023 , 35, 30	О

18	Direct pulp capping procedures Evidence and practice. 2023, 59, 48-61	O
17	Assessment of Bacterial Sealing Ability of Two Different Bio-Ceramic Sealers in Single-Rooted Teeth Using Single Cone Obturation Technique: An In Vitro Study. 2023 , 13, 2906	o
16	Physicochemical, mechanical and biological properties of nano-calcium silicate-based cements: a systematic review.	o
15	Dislodgment Resistance, Adhesive Pattern, and Dentinal Tubule Penetration of a Novel Experimental Algin Biopolymer-Incorporated Bioceramic-Based Root Canal Sealer. 2023 , 15, 1317	О
14	Mechanism of action of Bioactive Endodontic Materials. 2023 , 34, 1-11	0
13	Surface Microstructure of Two Bioceramics: Calcium-Enriched Mixture and Cold Ceramic in Setting Environments with Different pH Values. 2023 , 2023, 1-9	О
12	Bioceramics in Endodontics: Updates and Future Perspectives. 2023, 10, 354	О
11	Utility of biphasic calcium phosphate cement as a seal for root-end filling. 2023,	o
10	Effect of Different Sealers on the Cytocompatibility and Osteogenic Potential of Human Periodontal Ligament Stem Cells: An In Vitro Study. 2023 , 12, 2344	0
9	In vitro evaluation of apical leakage of three bioceramic materials using glucose leakage model in a simulated open apex. 2023 , 14, 11	О
8	A New Landscape of Human Dental Aging: Causes, Consequences, and Intervention Avenues. 2022 , 0	О
7	Endodontic Treatment for Young Permanent Teeth. 2023 , 281-321	О
6	Novel antibacterial and apatite forming restorative composite resin incorporated with hydrated calcium silicate. 2023 , 27,	0
5	In Vivo Assessment of the Apatite-Forming Ability of New-Generation Hydraulic Calcium Silicate Cements Using a Rat Subcutaneous Implantation Model. 2023 , 14, 213	o
4	Outcomes of Endodontic-Treated Teeth Obturated with Bioceramic Sealers in Combination with Warm Gutta-Percha Obturation Techniques: A Prospective Clinical Study. 2023 , 12, 2867	0
3	Osteogenic potential of solid and porous phosphate glass microspheres as pulp capping materials. 2023 , 611, 122330	o
2	Physicochemical and histological analysis of an experimental endodontic repair material containing 45S5 bioactive glass.	0
1	Enhancing Effects of Immobilized Chondroitin Sulfate on Odontogenic Differentiation of Dental Pulp Stem Cells and Reparative Dentin Formation. 2023 ,	O