

# Abbas Abbaszadegan

<https://orcid.org/0000-0003-4637-3550>

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## Country

Iran

## Other IDs

Scopus Author ID: 23090077700 ([http://www.scopus.com/inward/authorDetails.url?](http://www.scopus.com/inward/authorDetails.url?authorID=23090077700&partnerID=MN8TOARS)

[authorID=23090077700&partnerID=MN8TOARS](http://www.scopus.com/inward/authorDetails.url?authorID=23090077700&partnerID=MN8TOARS))

ResearcherID: J-8294-2012 (<http://www.researcherid.com/rid/J-8294-2012>)

## Employment (1)

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### Shiraz University of Medical Sciences: Shiraz, Fars, IR

| Associate professor (Endodontics)

Employment

**Source:**Abbas Abbaszadegan

## Education and qualifications (2)

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### Shiraz University of Medical Sciences: Shiraz, Fars, IR

2016-04-12 to present | Associate professor (Endodontics)

Education

**Source:**Abbas Abbaszadegan

### Shiraz University of Medical Sciences: Shiraz, Fars, IR

2010-10-07 to 2016-04-11 | Assistant professor (Endodontic

s)

Education

**Source:**Abbas Abbaszadegan

## Works (39 of 39)

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### Triple antibiotic paste versus nano calcium hydroxide as an intracanal medicament in human primary molars: a randomized clinical trial

*Giornale Italiano di Endodonzia*

2023-10-17 | journal-article

DOI: 10.32067/GIE.2023.37.01.22

**Source:**Abbas Abbaszadegan

**The effect of nanobased irrigants on the root canal dentin microhardness: an ex-vivo study**

*BMC Oral Health*

2023-08-19 | journal-article

DOI: 10.1186/s12903-023-03298-z

Part of ISSN: 1472-6831

Source:Abbas Abbaszadegan

**The antimicrobial efficacy of nanographene oxide and double antibiotic paste per se and in combination: part II**

*BMC Oral Health*

2023-05-02 | journal-article

DOI: 10.1186/s12903-023-02957-5

Source:Crossref

**The antimicrobial efficacy of graphene oxide, double antibiotic paste, and their combination against *Enterococcus faecalis* in the root canal treatment**

*BMC Oral Health*

2023-01-13 | journal-article

DOI: 10.1186/s12903-023-02718-4

Part of ISSN: 1472-6831

Source:Abbas Abbaszadegan

**An In Vitro Study on the Antibacterial Effects of Chlorhexidine-Loaded Positively Charged Silver Nanoparticles on *Enterococcus faecalis***

*Journal of Nanomaterials*

2022-07-25 | journal-article

DOI: 10.1155/2022/6405772

Source:Crossref

**A Comparison of the Apical Extrusion of Debris during the Preparation of Root Canal with Medin, RaCe, and ProTaper Rotary Systems.**

*Journal of dentistry (Shiraz, Iran)*

2021-09-01 | journal-article

PMID: 34514067

PMC: PMC8417540

DOI: 10.30476/dentjods.2020.84776.1100

**Source:**Abbas Abbaszadegan

**Ionic liquids as capping agents of silver nanoparticles.**

**Part II: Antimicrobial and cytotoxic study**

*Green Processing and Synthesis*

2021 | journal-article

DOI: 10.1515/gps-2021-0054

EID: 2-s2.0-85115921067

*Part of ISSN:* 21919550 21919542

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

**Mathematical validation of measurement of root fracture resistance: an in vitro study**

*BMC Oral Health*

2021 | journal-article

DOI: 10.1186/s12903-021-01873-w

EID: 2-s2.0-85116433661

*Part of ISSN:* 14726831

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

**Recent advances in nanodentistry: A special focus on endodontics**

*Micro and Nano Letters*

2020 | journal-article

DOI: 10.1049/mnl.2019.0747

EID: 2-s2.0-85096355153

*Part of ISSN:* 17500443

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

**Demographic Evaluation of Oro-Dental Self-Injury for Insurance Deception; Evaluation of the Cases Referred to Shiraz Forensic Medicine Center.**

*Journal of dentistry (Shiraz, Iran)*

2019-06-01 | journal-article

PMID: 31214639

PMC: PMC6538894

Source:Abbas Abbaszadegan

**Assessment of tooth discoloration induced by biodentine and white mineral trioxide aggregate in the presence of blood**

*Journal of Conservative Dentistry*

2019 | journal-article

DOI: 10.4103/JCD.JCD\_466\_18

EID: 2-s2.0-85065507081

Part of ISSN: 09745203 09720707

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Effect of a new imidazolium-based silver nanoparticle irrigant on the bond strength of epoxy resin sealer to root canal dentine**

*Iranian Endodontic Journal*

2019 | journal-article

DOI: 10.22037/iej.v14i2.22589

EID: 2-s2.0-85073523814

Part of ISSN: 20082746 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**In Vitro evaluation of dynamic viscosity, surface tension and dentin wettability of silver nanoparticles as an irrigation solution**

*Iranian Endodontic Journal*

2019 | journal-article

DOI: 10.22037/iej.v14i1.21758

EID: 2-s2.0-85061938157

Part of ISSN: 20082746 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Efficiency of Castor Oil as a Storage Medium for Avulsed Teeth in Maintaining the Viability of Periodontal Ligament Cells.**

*Journal of dentistry (Shiraz, Iran)*

2018-03-01 | journal-article

PMID: 29492413

PMC: PMC5817340

Source:Abbas Abbaszadegan

**Cone-beam computed tomographic evaluation of radicular grooves in maxillary anterior teeth in a selected Iranian population**

*Iranian Endodontic Journal*

2018 | journal-article

DOI: 10.22037/iej.v13i4.20253

EID: 2-s2.0-85056595222

Part of ISSN: 20082746 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Effect of endodontic irrigants and medicaments mixed with silver nanoparticles against biofilm formation of enterococcus faecalis**

*Iranian Endodontic Journal*

2018 | journal-article

DOI: 10.22037/iej.v13i4.21843

EID: 2-s2.0-85056600059

Part of ISSN: 20082746 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Evaluation of the wettability of a resin-based sealer in contact with some herbal irrigants**

*Dental Research Journal*

2018 | journal-article

DOI: 10.4103/1735-3327.226527

EID: 2-s2.0-85043255872

Part of ISSN: 20080255 17353327

Source:Abbas Abbaszadegan via Scopus - Elsevier

**In vivo biocompatibility of an ionic liquid-protected silver nanoparticle solution as root canal irrigant**

*Iranian Endodontic Journal*

2018 | journal-article

DOI: 10.22037/iej.v13i3.17386

EID: 2-s2.0-85049889550

Part of ISSN: 20082746 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Antibiofilm efficacy of positively charged imidazolium-based silver nanoparticles in *Enterococcus faecalis* using quantitative real-time PCR**

*Jundishapur Journal of Microbiology*

2017 | journal-article

DOI: 10.5812/jjm.55616

EID: 2-s2.0-85033236479

Part of ISSN: 20084161 20083645

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Effect of imidazolium-based silver nanoparticles on root dentin roughness in comparison with three common root canal irrigants**

*Iranian Endodontic Journal*

2017 | journal-article

DOI: 10.22037/iej.2017.17

EID: 2-s2.0-85008199314

Part of ISSN: 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**The effect of calcium chloride on push-out bond strength of calcium-enriched mixture cement and mineral trioxide aggregate**

*Iranian Endodontic Journal*

2017 | journal-article

DOI: 10.22037/iej.v12i3.15242

EID: 2-s2.0-85021834121

Part of ISSN: 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**The effects of different ionic liquid coatings and the length of alkyl chain on antimicrobial and cytotoxic properties of silver nanoparticles**

*Iranian Endodontic Journal*

2017 | journal-article

DOI: 10.22037/iej.v12i4.17905

EID: 2-s2.0-85031285788

Part of ISSN: 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Antimicrobial and cytotoxic activity of cinnamomum zeylanicum, calcium hydroxide, and triple antibiotic paste as root canal dressing materials**

*Journal of Contemporary Dental Practice*

2016 | journal-article

DOI: 10.5005/jp-journals-10024-1811

EID: 2-s2.0-85012082537

Part of ISSN: 15263711

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Antimicrobial and cytotoxic activity of cuminum cyminum as an intracanal medicament compared to chlorhexidine gel**

*Iranian Endodontic Journal*

2016 | journal-article

DOI: 10.7508/iej.2016.01.009

EID: 2-s2.0-84954287132

Part of ISSN: 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Antimicrobial efficacy and cytocompatibility of calcium hypochlorite solution as a root canal irrigant: An in Vitro investigation**

*Iranian Endodontic Journal*

2016 | journal-article

DOI: 10.7508/iej.2016.03.004

EID: 2-s2.0-84976566251

Part of ISSN: 17357497

Source:Abbas Abbaszadegan via Scopus - Elsevier

**In vitro comparison of antimicrobial effect of sodium hypochlorite solution and Zataria multiflora essential oil as irrigants in root canals contaminated with Candida albicans**

*Journal of Conservative Dentistry*

2016 | journal-article

DOI: 10.4103/0972-0707.173212

EID: 2-s2.0-84954556869

Part of ISSN: 09745203 09720707

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Time-dependent antibacterial effects of Aloe vera and Zataria multiflora plant essential oils compared to calcium hydroxide in teeth infected with Enterococcus faecalis**

*Journal of investigative and clinical dentistry*

2016 | journal-article

DOI: 10.1111/jicd.12123

EID: 2-s2.0-85012039684

Part of ISSN: 20411626

Source:Abbas Abbaszadegan via Scopus - Elsevier

**Antibacterial and Toxic Effect of Hydrogen Peroxide Combined with Different Concentrations of Chlorhexidine in Comparison with Sodium Hypochlorite.**

*Journal of dentistry (Shiraz, Iran)*

2015-12-01 | journal-article

PMID: 26636124

PMC: PMC4664033

Source:Abbas Abbaszadegan

**Root Canal Treatment of a Maxillary Second Molar with Two Palatal Canals: a Case Report.**

*Journal of dentistry (Shiraz, Iran)*

2015-12-01 | journal-article

PMID: 26636127

PMC: PMC4664036

Source:Abbas Abbaszadegan



**Effect of calcium chloride on physical properties of calcium-enriched mixture cement**

*Australian Endodontic Journal*

2015 | journal-article

DOI: 10.1111/aej.12101

EID: 2-s2.0-84922309348

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

**Positively charged imidazolium-based ionic liquid-protected silver nanoparticles: A promising disinfectant in root canal treatment**

*International Endodontic Journal*

2015 | journal-article

DOI: 10.1111/iej.12377

EID: 2-s2.0-84935744329

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

**The effect of charge at the surface of silver nanoparticles on antimicrobial activity against gram-positive and gram-negative bacteria: A preliminary study**

*Journal of Nanomaterials*

2015 | journal-article

DOI: 10.1155/2015/720654

EID: 2-s2.0-84924358721

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

**Antimicrobial and cytotoxic activity of *Ferula gummosa* plant essential oil compared to NaOCl and CHX: a preliminary in vitro study.**

*Restorative dentistry & endodontics*

2014-12-26 | journal-article

PMID: 25671213

PMC: PMC4320277

DOI: 10.5395/rde.2015.40.1.50

**Source:**Abbas Abbaszadegan

**A comparison of apical transportation in severely curved canals induced by reciproc and BioRaCe systems**

*Iranian Endodontic Journal*

2014 | journal-article

EID: 2-s2.0-84896854540

Source:Abbas AbbaszadeganviaScopus - Elsevier

**Chemical constituent and antimicrobial effect of essential oil from *Myrtus communis* leaves on microorganisms involved in persistent endodontic infection compared to two common endodontic irrigants: An in vitro study**

*Journal of Conservative Dentistry*

2014 | journal-article

DOI: 10.4103/0972-0707.139836

EID: 2-s2.0-84907016103

Source:Abbas AbbaszadeganviaScopus - Elsevier

**Comparison of the Effect of Canal Preparation by Step Back Technique Using Hand Instruments and Gates Glidden Drills with ProTaper Universal Rotary System on the Root Resistance to Vertical Fracture**

*Journal of Shahid Sadoughi University of Medical Sciences*

2013-09-28 | journal-article

Source:Abbas Abbaszadegan

**Comparison of endodontic treatment results yielded from using normal saline with IKI final rinse or NaOCl irrigation: A 30-month follow-up study**

*Iranian Endodontic Journal*

2013 | journal-article

EID: 2-s2.0-84885119102

Source:Abbas AbbaszadeganviaScopus - Elsevier

**Comparison of Antimicrobial Efficacy of IKI and NaOCl Irrigants in Infected Root Canals: An In Vivo Study.**

*Iranian endodontic journal*

2010 | journal-article

WOSUID: MEDLINE:23130035

Source:Abbas AbbaszadeganviaResearcherID

**HLA class I gene polymorphism in Iranian patients with  
Papillon-Lefevre Syndrome**

*Iranian Journal of Immunology*

2007 | journal-article

EID: 2-s2.0-37249038898

**Source:**Abbas Abbaszadegan via Scopus - Elsevier

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