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## Publications

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CITATIONS

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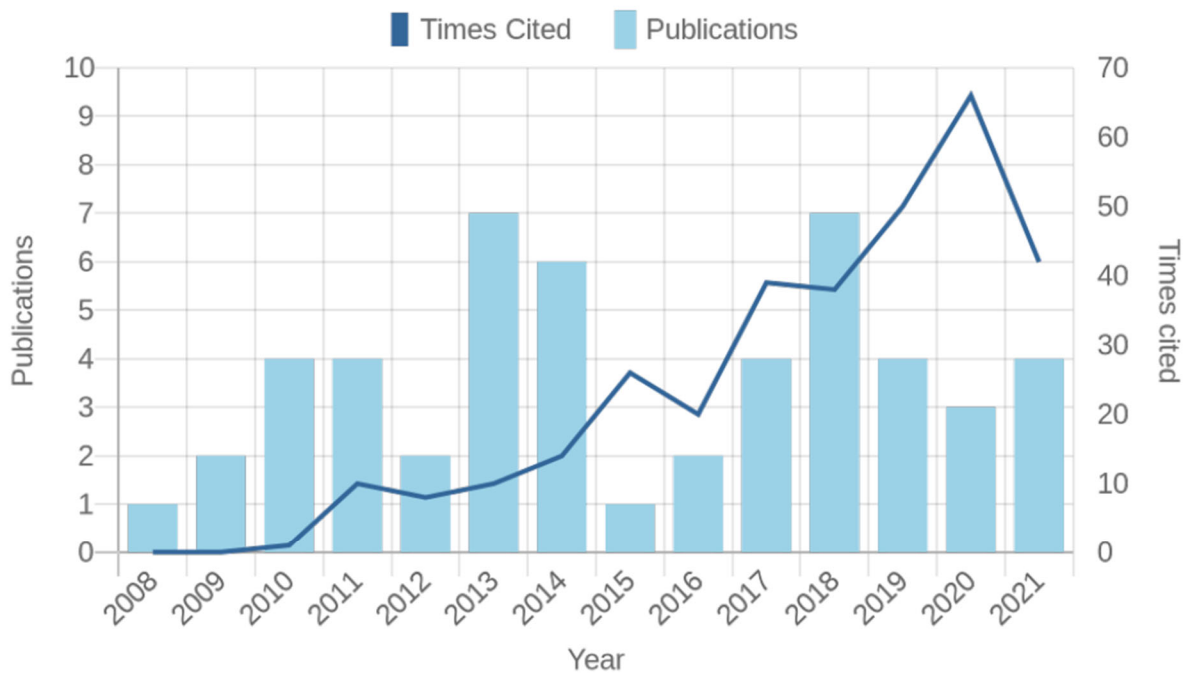
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PUBLICATIONS

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WEB OF SCIENCE DOCUMENTS

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(7) Journal of Lasers in Medical Sciences	WOS	(7) Journal of Dentistry of Tehran University of Me...	
(6) Journal of Conservative Dentistry		(3) Restorative Dentistry & Endodontics	
(3) Journal of Contemporary Dental Practice		(3) Avicenna Journal of Dental Research	
(2) Brazilian Oral Research		(2) Lasers in Medical Science	WOS
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(1) Operative Dentistry	WOS	(1) Frontiers in Dentistry	
(1) Infrared Physics and Technology	WOS	(1) Dental Research Journal	
(1) Journal of Stomatology		(1) International Journal of Dentistry	WOS
(1) International Journal of Thermophysics	WOS	(1) BioMed Research International	WOS

## Publication list

56 publications

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Most cited



Antibacterial properties of composite resins incorporating silver and zinc oxide nanoparticles on Streptococcus mutans and Lactobacillus 117

Authors (6): Kasraei, Shahin; Sami, Lida ... Khamverdi, Zahra  
Published: May 2014 in Restorative Dentistry & Endodontics  
DOI: 10.5395/RDE.2014.39.2.109  
Web of Science accession number: MEDLINE:24790923

PMMA-grafted nanoclay as novel filler for dental adhesives 60

Authors (7): Atai, Mohammad; Solhi, Laleh ... Babanzadeh, Samal  
Published: Mar 2009 in Dental Materials  
DOI: 10.1016/J.DENTAL.2008.08.005  
Web of Science accession number: WOS:000264001000009

In Vitro Comparison of Microleakage of Posterior Resin Composites With and Without Liner Using Two-Step Etch-and-Rinse and Self-etch Dentin Adhesive Systems 33

Authors (3): Kasraei, S.; Azarsina, M.; Majidi, S.  
Published: Mar 2011 in Operative Dentistry  
DOI: 10.2341/10-215-L  
Web of Science accession number: WOS:000293677700012

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Total antioxidant capacity of saliva and dental caries 30

Authors (5): Ahmadi-Motamayel, Fatemeh; Goodarzi, Mohammad-Taghi ... Moghimbeigi, Abbas

Published: Jul 2013 in *Medicina Oral, Patologia Oral Y Cirugia Bucal*

DOI: 10.4317/MEDORAL.18762

Web of Science accession number: WOS:000327859100001

Addition of silver nanoparticles reduces the wettability of methacrylate and silorane-based composites 25

Authors (2): Kasraei, Shahin; Azarsina, Mohadese

Published: Dec 2012 in *Brazilian Oral Research*

DOI: 10.1590/S1806-83242012000600004

Web of Science accession number: WOS:000311660600004

Low-level laser therapy with 940 nm diode laser on stability of dental implants: a randomized controlled clinical trial 15

Authors (4): Torkzaban, Parviz; Kasraei, Shahin ... Farhadian, Maryam

Published: Feb 2018 in *Lasers in Medical Science*

DOI: 10.1007/S10103-017-2365-9

Web of Science accession number: WOS:000424458900009

Effect of Surface Treatment with Carbon Dioxide (CO2) Laser on Bond Strength between Cement Resin and Zirconia 14

Authors (6): Kasraei, Shahin; Atefat, Mohammad ... Rezaei-Soufi, Loghman

Published: 2014 in *Journal of Lasers in Medical Sciences*

Web of Science accession number: WOS:000219343900003

Evaluation of Salivary Albumin in Diabetic Patients 13

Authors (6): Vaziri, P.B.; Vahedi, M. ... Kasraee, S.H.

Published: 2009 in *Iranian Journal of Public Health*

Web of Science accession number: WOS:000270655900008

Influence of CO2 Laser Irradiation and CPP-ACP Paste Application on Demineralized Enamel Microhardness 4

Authors (5): Khamverdi, Zahra; Kordestani, Matin ... Kasraei, Shahin

Published: Mar 2018 in *Journal of Lasers in Medical Sciences*

DOI: 10.15171/JLMS.2018.27

Web of Science accession number: WOS:000437012900012

Efficacy of Sodium Hypochlorite Activated With Laser in Intracanal Smear Layer Removal: An SEM Study 4

Authors (5): Shahriari, Shahriar; Kasraei, Shahin ... Davanloo, Hossein

Published: Jan 2017 in *Journal of Lasers in Medical Sciences*

DOI: 10.15171/JLMS.2017.07

Web of Science accession number: WOS:000398814800007



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- Experimental estimation of the emissivity of human enamel and dentin 3  
Authors (3): Soori, Ahmad; Kowsary, Farshad; Kasraei, Shahin  
Published: May 2020 in Infrared Physics and Technology  
DOI: 10.1016/J.INFRARED.2020.103234  
Web of Science accession number: WOS:000526111900005
- Microtensile bond strength of quartz fiber posts to different composite cores 3  
Authors (4): Khamverdi, Zahra; Kasraei, Shahin ... Gheysari, Faeze  
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DOI: 10.1590/S1806-83242011000400003  
Web of Science accession number: WOS:000311862000003
- Effect of Various Laser Surface Treatments on Repair Shear Bond Strength of Aged Silorane-Based Composite 2  
Authors (7): Oskoe, Parnian Alizadeh; Oskoe, Siavash Savadi ... Kasraei, Shahin  
Published: Sep 2017 in Journal of Lasers in Medical Sciences  
DOI: 10.15171/JLMS.2017.34  
Web of Science accession number: WOS:000423915200006
- Microshear Bond Strength of OptiBond All-in-One Self-adhesive Agent to Er:YAG Laser Treated Enamel After Thermocycling and Water Storage 2  
Authors (3): Kasraei, Shahin; Yarmohammadi, Ebrahim; Ghazizadeh, Mohammad Vahid  
Published: Jul 2016 in Journal of Lasers in Medical Sciences  
DOI: 10.15171/JLMS.2016.26  
Web of Science accession number: WOS:000393626000004
- Phosphate Ion Release and Alkalizing Potential of Three Bioactive Dental Materials in Comparison with Composite Resin 1  
Authors (5): Kasraei, Shahin; Haghi, Sahebeh ... Nejadkarimi, Sogol  
Published: May 2021 in International Journal of Dentistry  
DOI: 10.1155/2021/5572569  
Web of Science accession number: WOS:000654771300001
- In vitro effect of changing the horizontal angulation of X-ray beam on the detection of proximal enamel caries in bitewing radiographs 1  
Authors (5): Shokri, Abbas; Kasraei, Shahin ... Hekmat, Bahareh  
Published: Mar 2018 in Dental and Medical Problems  
DOI: 10.17219/DMP/84868  
Web of Science accession number: WOS:000432492200004
- Comparative Assessment of Cuspal Deflection in Premolars Restored with Bulk-Fill and Conventional Composite Resins  
Authors (3): Yarmohammadi, Ebrahim; Kasraei, Shahin; Sadeghi, Yasaman  
Published: Nov 2019 in Frontiers in Dentistry  
DOI: 10.18502/FID.V16I6.3439  
Web of Science accession number: MEDLINE:33089241

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### Effect of Diode Laser (810 nm) Irradiation on Marginal Microleakage of Multi-mode Adhesive Resins in Class V Composite Restorations

Authors (5): Golbari, Niusha; Kasraei, Shahin ... Mojahedi, Seyed Masoud

Published: Oct 2019 in Journal of Lasers in Medical Sciences

DOI: 10.15171/JLMS.2019.45

Web of Science accession number: WOS:000490899200004

### The effect of dentin pre-treatment with activated riboflavin on the bond strength of a two-step self-etch adhesive system

Authors (5): Kasraei, Shahin; Mojtahedi, Maryam ... Khamverdi, Zahra

Published: Jun 2019 in Dental and Medical Problems

DOI: 10.17219/DMP/105408

Web of Science accession number: WOS:000473294800004

### CO2 laser surface treatment of failed dental implants for re-implantation: an animal study

Authors (5): Kasraei, Shahin; Torkzaban, Parviz ... Farhadian, Maryam

Published: Jul 2016 in Lasers in Medical Science

DOI: 10.1007/S10103-016-1921-Z

Web of Science accession number: WOS:000378543200022

### Rehardening of Eroded Enamel with CPP-ACFP Paste and CO2 Laser Treatment

Authors (4): Shahin Kasraei; Parmis Kasraei ... Mohadeseh Azarsina

Published: Jul 2021 in BioMed Research International

DOI: 10.1155/2021/3304553

### Temperature Dependence of Specific Heat of Human Enamel and Dentin: An Experimental Study

Authors (3): Ahmad Soori; Farshad Kowsary; Shahin Kasraei

Published: Jul 2021 in International Journal of Thermophysics

DOI: 10.1007/S10765-021-02885-Y

### Influence of laser deproteinization of acid-etched dentin on marginal microleakage of class V composite restoration

Authors (4): Shahin Kasraei; Sogol NejadKarimi ... Mahsa Mohammadi

Published: Feb 2021 in Brazilian Journal of Oral Sciences

DOI: 10.20396/BJOS.V20I00.8660525

### Effect of bromelain and trypsin on microleakage of etch-and-rinse adhesive systems

Authors (4): Shahin Kasraei; Ebrahim Yarmohammadi ... Mona Malek

Published: 2020 in Journal of Stomatology

DOI: 10.5114/JOS.2020.98314

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Comparison of the effects of toothpastes containing nanohydroxyapatite and fluoride on white spot lesions in orthodontic patients: A randomized clinical trial

Authors (6): Asghar Ebadifar; Mohammadreza Badiie ... Shahin Kasra

Published: 2020 in Dental Research Journal

DOI: 10.4103/1735-3327.294328

Effect of 940nm Diode Laser Irradiation on Microtensile Bond Strength of an Etch and Rinse Adhesive (Single Bond 2) to Dentin

Authors (4): Kasraei S; Yarmohamadi E ... Akbarzadeh M

Published: Mar 2019 in Journal of Dentistry

DOI: 10.30476/DENTJODS.2019.44560

Effect of Trypsin/EDTA Conditioning on Marginal Microleakage of Class V Composite Restorations Bonded With a One-Step Selfetch Adhesive

Authors (4): Shahin Kasraei; Matin Kordestani ... Hesamaldin Pashaei

Published: Sep 2018 in Avicenna Journal of Dental Research

DOI: 10.34172/AJDR.2018.21

Evaluation of Microshear Bond Strength of Light and Chemically-Cured Composite Resins to Light-Cured Glass-Ionomer Using Various Bonding Systems

Authors (3): Shahin Kasraie; Bahareh Asgartooran; Mohadese Shokripour

Published: Sep 2018 in Avicenna Journal of Dental Research

DOI: 10.34172/AJDR.2018.22

Effect of Nd:YAG and Diode Lasers on Apical Seal of Root Canals Filled with AH Plus and Mineral Trioxide Aggregate-Based Sealers

Authors (7): Khoshbin E; Donyavi Z ... Amani F

Published: Jan 2018 in Journal of Dentistry of Tehran University of Medical Sciences

Efficacy of denoising and enhancement filters for detection of approximal and occlusal caries on digital intraoral radiographs

Authors (7): Vahid Akheshteh; Abbas Shokri ... Saeid Musavi

Published: 2018 in Journal of Conservative Dentistry

DOI: 10.4103/JCD.JCD\_213\_17

Effect of Proteolytic Agents on Microleakage of Etch and Rinse Adhesive Systems

Authors (4): Shahin Kasraei; Ebrahim Yarmohammadi ... Mona Malek

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### Comparison of Cone-Beam Computed Tomography and Intraoral Radiography in Detection of Recurrent Caries under Composite Restorations

Authors (5): Shahin Kasraei; Abbas Shokri ... Hamid Rahmani

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DOI: 10.1590/0103-6440201701248

### Effect of CO<sub>2</sub> and Nd:YAG Lasers on Shear Bond Strength of Resin Cement to Zirconia Ceramic

Authors (4): Kasraei S; Rezaei-Soufi L ... Shabani A

Published: Sep 2015 in Journal of Dentistry of Tehran University of Medical Sciences

### Effect of cyclic loading on bond strength of fiber posts to root canal dentin

Authors (3): Khamverdi Z; Damavandi LY; Kasraei S

Published: Jan 2014 in Journal of Dentistry of Tehran University of Medical Sciences

### Bond strength of resin cement to CO<sub>2</sub> and Er:YAG laser-treated zirconia ceramic

Authors (4): Shahin Kasraei; Loghman Rezaei-Soufi ... Fariborz Vafae

Published: 2014 in Restorative Dentistry & Endodontics

DOI: 10.5395/RDE.2014.39.4.296

### Effect of ascorbic acid on bond strength between the hydrogen peroxide-treated fiber posts and composite resin cores

Authors (4): Reza Talebian; Zahra Khamverdi ... Shahin Kasraei

Published: 2014 in Journal of Conservative Dentistry

DOI: 10.4103/0972-0707.131779

### Effect of surface treatment with carbon dioxide (CO<sub>2</sub>) laser on bond strength between cement resin and zirconia

Authors (6): Kasraei, S.; Atefat, M. ... Rezaei-Soufi, L.

Published: 2014 in Journal of Lasers in Medical Sciences

### The Antibacterial Properties of Composite Resin Containing Nanosilver against *Streptococcus mutans* and *Lactobacillus*

Authors (5): Mohadese Azarsina; Shahin Kasraei ... Mehdi Shirinzad

Published: Dec 2013 in Journal of Contemporary Dental Practice

DOI: 10.5005/JP-JOURNALS-10024-1442



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Antibacterial Effect of Sanosil 2% and 6% and Sodium Hypochlorite 0.5% on Impressions of Irreversible Hydrocolloid (Alginate) and Condensational Silicone (Speedex)

Authors (5): Alireza Izadi; Firouz Farnaz ... Shahin Kasraei

Published: Jun 2013 in Avicenna Journal of Dental Research

DOI: 10.17795/AJDR-211107

Effect of eugenol-containing sealer and post diameter on the retention of fiber reinforced composite posts

Authors (3): Shahin Kasraei; Alireza Izadi; Mohadese Azarsina

Published: 2013 in Journal of Conservative Dentistry

DOI: 10.4103/0972-0707.105301

Effect of Epigallocatechin Gallate on shear bond strength of composite resin to bleached enamel: an in vitro study

Authors (5): Zahra Khamverdi; Loghman Rezaei-Soufi ... Shiva Rostami

Published: 2013 in Restorative Dentistry & Endodontics

DOI: 10.5395/RDE.2013.38.4.241

Evaluation of micro-shear bond strength of resin modified glass-ionomer to composite resins using various bonding systems

Authors (3): Mohadese Shokripour; Mahin Safari; Shahin Kasraei

Published: 2013 in Journal of Conservative Dentistry

DOI: 10.4103/0972-0707.120956

Effect of Ethylene diamine tetra acetic acid and sodium hypochlorite solution conditioning on microtensile bond strength of one-step self-etch adhesives

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Microleakage of dual-cured adhesive systems in class v composite resin restorations

Authors (4): Kasraei S; Azarsina M ... Shokraneh F

Published: Jun 2012 in Journal of Dentistry of Tehran University of Medical Sciences

Effect of surface polishing on mercury release from dental amalgam after treatment 16% carbamide peroxide gel

Authors (4): Azarsina M; Kasraei Sh ... Khamverdi Z

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Authors (6): Shabnam Ebadi; Samane Abbasi ... Mohadese Azarsina

Published: 2011 in Journal of Conservative Dentistry

DOI: 10.4103/0972-0707.87198

The Effect of a 16% Carbamide Peroxide Gel on Mercury and Silver Ion Release from Admixed and Spherical Dental Amalgams

Authors (3): Shahin Kasraei; Loghman Rezaei-Soufi; Mohaddese Azarsina

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Comparison of the effects of two whitening toothpastes on microhardness of the enamel and a microhybride composite resin: an in vitro study

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Blood Mercury Level and Its Determinants among Dental Practitioners in Hamadan, Iran

Authors (5): Kasraei Sh; Mortazavi H ... Assary M

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Root Canal Configuration of One-rooted Mandibular Canine in an Iranian Population: An In Vitro Study

Authors (7): Bakianian Vaziri P; Kasraee S ... Vahedi M

Published: May 2008 in Journal of Dental Research, Dental Clinics, Dental Prospects

DOI: 10.5681/JODDD.2008.006

Effects of Orthodontic Bonding Containing TiO<sub>2</sub> and ZnO Nanoparticles on Prevention of White Spot Lesions: an In Vitro Study

Authors (5): Behnaz, Mohammad; Kasraei, Shahin ... Nahvi, Golnaz

Published: Feb 2022 in Biointerface Research in Applied Chemistry

DOI: 10.33263/BRIAC121.431440

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### Effect of Tubular Orientation on the Microtensile Bond Strength of Composite-dentin using Universal Bonding Agents

Authors (4): Khamverdi, Zahra; Kasraei, Shahin ... Akbarzadeh, Mahdi

Published: Mar 2018 in Journal of Research in Medical and Dental Science

DOI: 10.5455/JRMDS.20186252

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### Effects of Er:YAG Laser and 2% Chlorhexidine on Microleakage of a Self-Adhesive Agent (Bond Force) in Class V Composite Restorations

Authors (4): Kasraei, Shahin; Najafi-Abbrandabadi, Ahmad ... Azarsina, Mohadese

Published: 2018 in Journal of Research in Medical and Dental Science

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### IN VITRO COMPARISION OF TOOTH DISCOLORATION CAUSED BY PRO-ROOT MTA, ORTHO MTA AND CEM CEMENT

Authors (6): Donyavi, Z.; Khoshbin, E. ... Ghaffari, M. E.

Published: 2017 in Annals of Dental Specialty

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### Evaluation of the Major Properties of Composite Resin Containing Zinc-Oxide Nano-Particles

Authors (5): Mohadese Azarsina; Shiva Yazdani ... Shahin Kasraei

Published: Apr 2017 in Dentistry: Advanced Research

DOI: 10.29011/2574-7347.100021