

# Omid Savabi

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

1,811  
citations

236612

25  
h-index

301761

39  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1991  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Marginal Accuracy of Lithium Disilicate Full-Coverage Single Crowns Made by Direct and Indirect Digital or Conventional Workflows: A Systematic Review and Meta-Analysis. <i>Journal of Prosthodontics</i> , 2022, 31, 744-753.      | 1.7 | 5         |
| 2  | Marginal adaptation of zirconia complete-coverage fixed dental restorations made from digital scans or conventional impressions: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 603-610. | 1.1 | 49        |
| 3  | Comparison of translucency and opalescence among different dental monolithic ceramics. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 446.e1-446.e6.  | 1.1 | 19        |
| 4  | How the initial retentive force of implant-supported overdentures can be affected with splinted and unsplinted attachments systems. <i>Dental Research Journal</i> , 2021, 18, 101.  | 0.2 | 2         |
| 5  | How the initial retentive force of implant-supported overdentures can be affected with splinted and unsplinted attachments systems.. <i>Dental Research Journal</i> , 2021, 18, 101.   | 0.2 | 0         |
| 6  | Effect of repeated firing on the translucency of CAD-CAM monolithic glass-ceramics. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 530.e1-530.e6.   | 1.1 | 20        |
| 7  | Optimum temperature and chlorine ion concentration for hydrogen peroxide treatment of titanium dental implant material. <i>Journal of Materials Research and Technology</i> , 2020, 9, 13312-13319.                                  | 2.6 | 5         |
| 8  | Biodegradable Magnesium Bone Implants Coated with a Novel Bioceramic Nanocomposite. <i>Materials</i> , 2020, 13, 1315.   | 1.3 | 36        |
| 9  | Five year clinical outcomes of metal ceramic and zirconia-based implant-supported dental prostheses: A retrospective study. <i>Journal of Dentistry</i> , 2020, 100, 103420.   | 1.7 | 11        |
| 10 | Magnesium/Nano-hydroxyapatite Composite for Bone Reconstruction: The Effect of Processing Method. <i>Journal of Bionic Engineering</i> , 2020, 17, 92-99.  | 2.7 | 11        |
| 11 | The effect of the nano- bioglass reinforcement on magnesium based composite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 100, 103396.  | 1.5 | 12        |
| 12 | The Effect of Vacuum Leak Rate on Sintering of Porous Titanium Scaffold. <i>E-Journal of Surface Science and Nanotechnology</i> , 2019, 17, 184-188.   | 0.1 | 0         |
| 13 | Effect of cleaning methods on retentive values of saliva-contaminated implant-supported zirconia copings. <i>Clinical Oral Implants Research</i> , 2018, 29, 530-536.  | 1.9 | 10        |
| 14 | The effect of porosity on the mechanical properties of porous titanium scaffolds: comparative study on experimental and analytical values. <i>Materials Research Express</i> , 2018, 5, 055401.                                      | 0.8 | 13        |
| 15 | Patient satisfaction with occlusal scheme of conventional complete dentures: A randomised clinical trial (part I). <i>Journal of Oral Rehabilitation</i> , 2018, 45, 41-49.  | 1.3 | 13        |
| 16 | Improvement of in vitro behavior of an Mg alloy using a nanostructured composite bioceramic coating. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 159.   | 1.7 | 17        |
| 17 | Five year clinical outcomes and survival of chairside CAD/CAM ceramic laminate veneers – a retrospective study. <i>Journal of Prosthodontic Research</i> , 2018, 62, 462-467.  | 1.1 | 40        |
| 18 | Prevention of cross-contamination risk by disinfection of irreversible hydrocolloid impression materials with ozonated water. <i>International Journal of Preventive Medicine</i> , 2018, 9, 37.                                     | 0.2 | 12        |

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|----|---|-----|-----------|
| 19 | Comparison of Marginal and Internal Adaptation of CAD/CAM and Conventional Cement Retained Implant-Supported Single Crowns. <i>Implant Dentistry</i> , 2016, 25, 103-108.   | 1.7 | 28        |
| 20 | The effect of pore structure on the mechanical properties of titanium scaffolds. <i>Materials Letters</i> , 2016, 171, 308-311.   | 1.3 | 25        |
| 21 | The side effects of surface modification of porous titanium implant using hydrogen peroxide: Mechanical properties aspects. <i>Materials Letters</i> , 2016, 178, 201-204.  | 1.3 | 12        |
| 22 | The evaluation of prepared microgroove pattern by femtosecond laser on alumina-zirconia nano-composite for endosseous dental implant application. <i>Lasers in Medical Science</i> , 2016, 31, 1837-1843.   | 1.0 | 24        |
| 23 | Surface modification of Ti6Al4V implants by heat, H <sub>2</sub> O <sub>2</sub> and alkali treatments. <i>Surface Engineering</i> , 2016, 32, 786-793.  | 1.1 | 11        |
| 24 | Prenatal metal exposure in the Middle East: imprint of war in deciduous teeth of children. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 505.   | 1.3 | 19        |
| 25 | Clinical outcomes of zirconia-based implant- and tooth-supported single crowns. <i>Clinical Oral Investigations</i> , 2016, 20, 169-178.  | 1.4 | 35        |
| 26 | Relationship between Tooth Loss, Functional Dyspepsia and Gastro-Esophageal Reflux Disorder among Isfahani Adults. <i>Archives of Iranian Medicine</i> , 2016, 19, 123-30.  | 0.2 | 1         |
| 27 | Relationship between subjective halitosis and psychological factors. <i>International Dental Journal</i> , 2015, 65, 120-126.   | 1.0 | 25        |
| 28 | Effect of spacer type and cold compaction pressure on structural and mechanical properties of porous titanium scaffold. <i>Powder Metallurgy</i> , 2015, 58, 152-160.   | 0.9 | 22        |
| 29 | Is tooth loss associated with irritable bowel syndrome?. <i>Journal of Oral Rehabilitation</i> , 2015, 42, 503-511.   | 1.3 | 4         |
| 30 | Clinical performance of CEREC AC Bluecam conservative ceramic restorations after five years—a retrospective study. <i>Journal of Dentistry</i> , 2015, 43, 1076-1082.   | 1.7 | 44        |
| 31 | In vivo biocompatibility of Mg implants surface modified by nanostructured merwinite/PEO. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 184.   | 1.7 | 27        |
| 32 | In Vitro Analysis of Electrophoretic Deposited Fluoridated Hydroxyapatite Coating on Micro-arc Oxidized AZ91 Magnesium Alloy for Biomaterials Applications. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 1394-1404. | 1.1 | 34        |
| 33 | Regenerative influence of nanostructured bredigite (Ca <sub>7</sub> MgSi <sub>4</sub> O <sub>16</sub> )/anodic spark coating on biodegradable AZ91 magnesium alloy implants for bone healing. <i>Materials Letters</i> , 2015, 155, 97-101.                                     | 1.3 | 22        |
| 34 | Comparative evaluation of the effect of different types of surface modifiers on bioactivity of porous titanium implants. <i>Russian Journal of Non-Ferrous Metals</i> , 2015, 56, 469-476.  | 0.2 | 8         |
| 35 | <i>In vivo</i> study of nanostructured akermanite/PEO coating on biodegradable magnesium alloy for biomedical applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1798-1808.  | 2.1 | 35        |
| 36 | In vivo assessments of bioabsorbable AZ91 magnesium implants coated with nanostructured fluoridated hydroxyapatite by MAO/EPD technique for biomedical applications. <i>Materials Science and Engineering C</i> , 2015, 48, 21-27.  | 3.8 | 96        |

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|----|--|-----|-----------|
| 37 | Effect of the processing cycle on dimensional changes of heat-polymerized denture base resins. Dental Research Journal, 2015, 12, 301.   | 0.2 | 8         |
| 38 | Recording the Tilt of a Cast on a Surveyor. Open Dentistry Journal, 2015, 9, 174-175.  | 0.2 | 1         |
| 39 | Biodegradable magnesium alloy coated by fluoridated hydroxyapatite using MAO/EPD technique. Surface Engineering, 2014, 30, 545-551.  | 1.1 | 31        |
| 40 | Use of Pindex System in Fabrication of the Sectional Custom Tray. Journal of Prosthodontics, 2014, 23, 417-419.  | 1.7 | 2         |
| 41 | Retentive Strength of Implant-Supported Base Metal Copings Over Short Metal Abutments Using Different Luting Agents and Surface Treatments. Implant Dentistry, 2014, 23, 162-167.  | 1.7 | 4         |
| 42 | Surface microstructure and in vitro analysis of nanostructured akermanite ( $\text{Ca}_2\text{MgSi}_2\text{O}_7$ ) coating on biodegradable magnesium alloy for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2014, 117, 432-440.   | 2.5 | 69        |
| 43 | Controlling the degradation rate of bioactive magnesium implants by electrophoretic deposition of akermanite coating. Ceramics International, 2014, 40, 3865-3872.   | 2.3 | 76        |
| 44 | Microarc oxidation and electrophoretic deposition of nano-grain merwinite ( $\text{Ca}_3\text{MgSi}_2\text{O}_8$ ) surface coating on magnesium alloy as biodegradable metallic implant. Surface and Interface Analysis, 2014, 46, 387-392.  | 0.8 | 24        |
| 45 | Effect of surface treatment on the retention of implant-supported zirconia restorations over short abutments. Journal of Prosthetic Dentistry, 2014, 112, 38-44.   | 1.1 | 14        |
| 46 | Coating of biodegradable magnesium alloy bone implants using nanostructured diopside ( $\text{CaMgSi}_2\text{O}_6$ ). Applied Surface Science, 2014, 288, 130-137.   | 3.1 | 65        |
| 47 | In vitro study of nanostructured diopside coating on Mg alloy orthopedic implants. Materials Science and Engineering C, 2014, 41, 168-177.   | 3.8 | 80        |
| 48 | Use of direct-indirect method for fabrication of tooth-retained overdenture stud attachments. Journal of Prosthetic Dentistry, 2014, 112, 1306-1307.   | 1.1 | 0         |
| 49 | Improvement of Biodegradability, Bioactivity, Mechanical Integrity and Cytocompatibility Behavior of Biodegradable Mg Based Orthopedic Implants Using Nanostructured Bredigite ( $\text{Ca}_7\text{MgSi}_4\text{O}_{16}$ ) Bioceramic Coated via ASD/EPD Technique. Annals of Biomedical Engineering, 2014, 42, 2537-2550. | 1.3 | 35        |
| 50 | Nanostructured merwinite bioceramic coating on Mg alloy deposited by electrophoretic deposition. Ceramics International, 2014, 40, 9473-9484.  | 2.3 | 56        |
| 51 | In vivo study of nanostructured diopside ( $\text{CaMgSi}_2\text{O}_6$ ) coating on magnesium alloy as biodegradable orthopedic implants. Applied Surface Science, 2014, 313, 60-66.   | 3.1 | 60        |
| 52 | Effects of Lactobacillus reuteri-derived biosurfactant on the gene expression profile of essential adhesion genes (gtfB, gtfC and ftf) of Streptococcus mutans. Advanced Biomedical Research, 2014, 3, 169.  | 0.2 | 37        |
| 53 | Effects of biosurfactant produced by Lactobacillus casei on gtfB, gtfC, and ftf gene expression level in S. mutans by real-time RT-PCR. Advanced Biomedical Research, 2014, 3, 231.  | 0.2 | 22        |
| 54 | Evaluation of Interleukin-1 $\beta$ , Interleukin-10, Tumor Necrosis Factor- $\alpha$ and transforming Growth Factor- $\beta$ in the Serum of Patients with Pemphigus Vulgaris. Journal of Contemporary Dental Practice, 2014, 15, 746-749.  | 0.2 | 9         |

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|----|--|-----|-----------|
| 55 | Retention of implant-supported zirconium oxide ceramic restorations using different luting agents. <i>Clinical Oral Implants Research</i> , 2013, 24, 20-24.                           | 1.9 | 24        |
| 56 | Retention of Implant-Supported Overdenture With Bar/Clip and Stud Attachment Designs. <i>Journal of Oral Implantology</i> , 2013, 39, 140-147.   | 0.4 | 25        |
| 57 | Surface modification of magnesium alloy implants by nanostructured bredigite coating. <i>Materials Letters</i> , 2013, 113, 174-178.   | 1.3 | 49        |
| 58 | Epidemiology and Risk Factors of Tooth Loss among Iranian Adults: Findings from a Large Community-Based Study. <i>BioMed Research International</i> , 2013, 2013, 1-8.                 | 0.9 | 24        |
| 59 | Evaluation of hardness and wear resistance of interim restorative materials. <i>Dental Research Journal</i> , 2013, 10, 184.   | 0.2 | 9         |
| 60 | Metal Contamination and the Epidemic of Congenital Birth Defects in Iraqi Cities. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 937-944.                   | 1.3 | 51        |
| 61 | Fabricating a Soft Liner-Retained Implant-Supported Palatal Lift Prosthesis for an Edentulous Patient: A Case Report. <i>Case Reports in Dentistry</i> , 2012, 2012, 1-4.              | 0.2 | 2         |
| 62 | Retentiveness of implant-supported metal copings using different luting agents. <i>Dental Research Journal</i> , 2012, 9, 13.  | 0.2 | 31        |
| 63 | Edentulism and Tooth Loss in Iran: SEPAHAN Systematic Review No. 6. <i>International Journal of Preventive Medicine</i> , 2012, 3, S42-7.  | 0.2 | 8         |
| 64 | Effect of framework design on fracture resistance of zirconium oxide posterior fixed partial dentures. <i>Dental Research Journal</i> , 2012, 9, 764-9.                                | 0.2 | 8         |
| 65 | Influence of surface modification techniques on shear bond strength between different zirconia cores and veneering ceramics. <i>Journal of Advanced Prosthodontics</i> , 2011, 3, 221. | 1.1 | 73        |
| 66 | Association between food intake and oral health in elderly: SEPAHAN systematic review no. 8. <i>Dental Research Journal</i> , 2011, 8, S15-20.   | 0.2 | 17        |
| 67 | Two-body wear resistance of some indirect composite resins. <i>European journal of prosthodontics and restorative dentistry</i> , The, 2011, 19, 81-4.                                 | 0.3 | 3         |
| 68 | A Method for Making the Implant-Supported Record Bases. <i>Journal of Oral Implantology</i> , 2009, 35, 300-302.   | 0.4 | 4         |
| 69 | Flexural Strength of Interim Resin Materials for Fixed Prosthodontics. <i>Journal of Prosthodontics</i> , 2009, 18, 507-511.   | 1.7 | 48        |
| 70 | Custom impression tray for dental implants. <i>Journal of Prosthetic Dentistry</i> , 2007, 97, 183-184.  | 1.1 | 2         |
| 71 | Effect of occlusal splints on the electromyographic activities of masseter and temporal muscles during maximum clenching. <i>Quintessence International</i> , 2007, 38, e129-32.       | 0.1 | 1         |
| 72 | Marginal accuracy of interim restorations fabricated from four interim autopolymerizing resins. <i>Journal of Prosthetic Dentistry</i> , 2006, 95, 364-367.                            | 1.1 | 63        |

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|----|--|-----|-----------|
| 73 | A method for seating an implant-supported fixed prosthesis on ITI solid abutments. Journal of Prosthetic Dentistry, 2004, 91, 198-199. | 1.1 | 1         |
| 74 | Interocclusal record for fixed implant-supported prosthesis. Journal of Prosthetic Dentistry, 2004, 92, 602-603.                       | 1.1 | 10        |
| 75 | A method for fabrication of temporary restoration on solid abutment of ITI implants. Journal of Prosthetic Dentistry, 2003, 89, 419.   | 1.1 | 7         |
| 76 | Model of Age Estimation Based on Dental Factors of Unknown Cadavers Among Iranians. Journal of Forensic Sciences, 2003, 48, 1-3.       | 0.9 | 11        |