Omid Savabi

List of Publications by Year
in descending order

76	1,811	236612	301761
papers	citations	25 h-index	39 g-index

76	76	76	1991
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo assessments of bioabsorbable AZ91 magnesium implants coated with nanostructured fluoridated hydroxyapatite by MAO/EPD technique for biomedical applications. Materials Science and Engineering C, 2015, 48, 21-27.	3.8	96
2	In vitro study of nanostructured diopside coating on Mg alloy orthopedic implants. Materials Science and Engineering C, 2014, 41, 168-177.	3.8	80
3	Controlling the degradation rate of bioactive magnesium implants by electrophoretic deposition of akermanite coating. Ceramics International, 2014, 40, 3865-3872.	2.3	76
4	Influence of surface modification techniques on shear bond strength between different zirconia cores and veneering ceramics. Journal of Advanced Prosthodontics, 2011, 3, 221.	1.1	73
5	Surface microstructure and in vitro analysis of nanostructured akermanite (Ca2MgSi2O7) coating on biodegradable magnesium alloy for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2014, 117, 432-440.	2.5	69
6	Coating of biodegradable magnesium alloy bone implants using nanostructured diopside (CaMgSi2O6). Applied Surface Science, 2014, 288, 130-137.	3.1	65
7	Marginal accuracy of interim restorations fabricated from four interim autopolymerizing resins. Journal of Prosthetic Dentistry, 2006, 95, 364-367.	1.1	63
8	In vivo study of nanostructured diopside (CaMgSi2O6) coating on magnesium alloy as biodegradable orthopedic implants. Applied Surface Science, 2014, 313, 60-66.	3.1	60
9	Nanostructured merwinite bioceramic coating on Mg alloy deposited by electrophoretic deposition. Ceramics International, 2014, 40, 9473-9484.	2.3	56
10	Metal Contamination and the Epidemic of Congenital Birth Defects in Iraqi Cities. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 937-944.	1.3	51
11	Surface modification of magnesium alloy implants by nanostructured bredigite coating. Materials Letters, 2013, 113, 174-178.	1.3	49
12	Marginal adaptation of zirconia complete-coverage fixed dental restorations made from digital scans or conventional impressions: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2021, 125, 603-610.	1.1	49
13	Flexural Strength of Interim Resin Materials for Fixed Prosthodontics. Journal of Prosthodontics, 2009, 18, 507-511.	1.7	48
14	Clinical performance of CEREC AC Bluecam conservative ceramic restorations after five yearsâ€”A retrospective study. Journal of Dentistry, 2015, 43, 1076-1082.	1.7	44
15	Five year clinical outcomes and survival of chairside CAD/CAM ceramic laminate veneers â€” a retrospective study. Journal of Prosthodontic Research, 2018, 62, 462-467.	1.1	40
16	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
17	Biodegradable Magnesium Bone Implants Coated with a Novel Bioceramic Nanocomposite. Materials, 2020, 13, 1315.	1.3	36
18	Improvement of Biodegradability, Bioactivity, Mechanical Integrity and Cytocompatibility Behavior of Biodegradable Mg Based Orthopedic Implants Using Nanostructured Bredigite (Ca7MgSi4O16) Bioceramic Coated via ASD/EPD Technique. Annals of Biomedical Engineering, 2014, 42, 2537-2550.	1.3	35

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19	In vivo study of nanostructured akermanite/<scp>PEO</scp> coating on biodegradable magnesium alloy for biomedical applications. Journal of Biomedical Materials Research - Part A, 2015, 103, 1798-1808.	2.1	35
20	Clinical outcomes of zirconia-based implant- and tooth-supported single crowns. Clinical Oral Investigations, 2016, 20, 169-178.	1.4	35
21	In Vitro Analysis of Electrophoretic Deposited Fluoridated Hydroxyapatite Coating on Micro-arc Oxidized AZ91 Magnesium Alloy for Biomaterials Applications. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 1394-1404.	1.1	34
22	Biodegradable magnesium alloy coated by fluoridated hydroxyapatite using MAO/EPD technique. Surface Engineering, 2014, 30, 545-551.	1.1	31
23	Retentiveness of implant-supported metal copings using different luting agents. Dental Research Journal, 2012, 9, 13.	0.2	31
24	Comparison of Marginal and Internal Adaptation of CAD/CAM and Conventional Cement Retained Implant-Supported Single Crowns. Implant Dentistry, 2016, 25, 103-108.	1.7	28
25	In vivo biocompatibility of Mg implants surface modified by nanostructured merwinite/PEO. Journal of Materials Science: Materials in Medicine, 2015, 26, 184.	1.7	27
26	Retention of Implant-Supported Overdenture With Bar/Clip and Stud Attachment Designs. Journal of Oral Implantology, 2013, 39, 140-147.	0.4	25
27	Relationship between subjective halitosis and psychological factors. International Dental Journal, 2015, 65, 120-126.	1.0	25
28	The effect of pore structure on the mechanical properties of titanium scaffolds. Materials Letters, 2016, 171, 308-311.	1.3	25
29	Retention of implantâ€supported zirconium oxide ceramic restorations using different luting agents. Clinical Oral Implants Research, 2013, 24, 20-24.	1.9	24
30	Epidemiology and Risk Factors of Tooth Loss among Iranian Adults: Findings from a Large Community-Based Study. BioMed Research International, 2013, 2013, 1-8.	0.9	24
31	Microâ€arc oxidation and electrophoretic deposition of nanoâ€grain merwinite (Ca₃MgSi₂O₈) surface coating on magnesium alloy as biodegradable metallic implant. Surface and Interface Analysis, 2014, 46, 387-392.	0.8	24
32	The evaluation of prepared microgroove pattern by femtosecond laser on alumina-zirconia nano-composite for endosseous dental implant application. Lasers in Medical Science, 2016, 31, 1837-1843.	1.0	24
33	Effect of spacer type and cold compaction pressure on structural and mechanical properties of porous titanium scaffold. Powder Metallurgy, 2015, 58, 152-160.	0.9	22
34	Regenerative influence of nanostructured bredigite (Ca7MgSi4O16)/anodic spark coating on biodegradable AZ91 magnesium alloy implants for bone healing. Materials Letters, 2015, 155, 97-101.	1.3	22
35	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
36	Effect of repeated firing on the translucency of CAD-CAM monolithic glass-ceramics. Journal of Prosthetic Dentistry, 2020, 123, 530.e1-530.e6.	1.1	20

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37	Prenatal metal exposure in the Middle East: imprint of war in deciduous teeth of children. Environmental Monitoring and Assessment, 2016, 188, 505.	1.3	19
38	Comparison of translucency and opalescence among different dental monolithic ceramics. Journal of Prosthetic Dentistry, 2021, 126, 446.e1-446.e6.	1.1	19
39	Improvement of in vitro behavior of an Mg alloy using a nanostructured composite bioceramic coating. Journal of Materials Science: Materials in Medicine, 2018, 29, 159.	1.7	17
40	Association between food intake and oral health in elderly: SEPAHAN systematic review no. 8. Dental Research Journal, 2011, 8, S15-20.	0.2	17
41	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
42	The effect of porosity on the mechanical properties of porous titanium scaffolds: comparative study on experimental and analytical values. Materials Research Express, 2018, 5, 055401.	0.8	13
43	Patient satisfaction with occlusal scheme of conventional complete dentures: A randomised clinical trial (part I). Journal of Oral Rehabilitation, 2018, 45, 41-49.	1.3	13
44	The side effects of surface modification of porous titanium implant using hydrogen peroxide: Mechanical properties aspects. Materials Letters, 2016, 178, 201-204.	1.3	12
45	The effect of the nano- bioglass reinforcement on magnesium based composite. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 100, 103396.	1.5	12
46	Prevention of cross-contamination risk by disinfection of irreversible hydrocolloid impression materials with ozonated water. International Journal of Preventive Medicine, 2018, 9, 37.	0.2	12
47	Surface modification of Ti6Al4â€...V implants by heat, H₂O₂ and alkali treatments. Surface Engineering, 2016, 32, 786-793.	1.1	11
48	Five year clinical outcomes of metal ceramic and zirconia-based implant-supported dental prostheses: A retrospective study. Journal of Dentistry, 2020, 100, 103420.	1.7	11
49	Magnesium/Nano-hydroxyapatite Composite for Bone Reconstruction: The Effect of Processing Method. Journal of Bionic Engineering, 2020, 17, 92-99.	2.7	11
50	Model of Age Estimation Based on Dental Factors of Unknown Cadavers Among Iranians. Journal of Forensic Sciences, 2003, 48, 1-3.	0.9	11
51	Interocclusal record for fixed implant-supported prosthesis. Journal of Prosthetic Dentistry, 2004, 92, 602-603.	1.1	10
52	Effect of cleaning methods on retentive values of salivaâ€contaminated implantâ€supported zirconia copings. Clinical Oral Implants Research, 2018, 29, 530-536.	1.9	10
53	Evaluation of hardness and wear resistance of interim restorative materials. Dental Research Journal, 2013, 10, 184.	0.2	9
54	Evaluation of Interleukin-1Î±, Interleukin-10, Tumor Necrosis Factor-Î± and transforming Growth Factor-Î² 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	Comparative evaluation of the effect of different types of surface modifiers on bioactivity of porous titanium implants. Russian Journal of Non-Ferrous Metals, 2015, 56, 469-476.	0.2	8
56	Effect of the processing cycle on dimensional changes of heat-polymerized denture base resins. Dental Research Journal, 2015, 12, 301.	0.2	8
57	Edentulism and Tooth Loss in Iran: SEPAHAN Systematic Review No. 6. International Journal of Preventive Medicine, 2012, 3, S42-7.	0.2	8
58	Effect of framework design on fracture resistance of zirconium oxide posterior fixed partial dentures. Dental Research Journal, 2012, 9, 764-9.	0.2	8
59	A method for fabrication of temporary restoration on solid abutment of ITI implants. Journal of Prosthetic Dentistry, 2003, 89, 419.	1.1	7
60	Optimum temperature and chlorine ion concentration for hydrogen peroxide treatment of titanium dental implant material. Journal of Materials Research and Technology, 2020, 9, 13312-13319.	2.6	5
61	Marginal Accuracy of Lithium Disilicate Fullâ€Coverage Single Crowns Made by Direct and Indirect Digital or Conventional Workflows: A Systematic Review and Metaâ€Analysis. Journal of Prosthodontics, 2022, 31, 744-753.	1.7	5
62	A Method for Making the Implant-Supported Record Bases. Journal of Oral Implantology, 2009, 35, 300-302.	0.4	4
63	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
64	Is tooth loss associated with irritable bowel syndrome?. Journal of Oral Rehabilitation, 2015, 42, 503-511.	1.3	4
65	Two-body wear resistance of some indirect composite resins. European journal of prosthodontics and restorative dentistry, The, 2011, 19, 81-4.	0.3	3
66	Custom impression tray for dental implants. Journal of Prosthetic Dentistry, 2007, 97, 183-184.	1.1	2
67	Fabricating a Soft Liner-Retained Implant-Supported Palatal Lift Prosthesis for an Edentulous Patient: A Case Report. Case Reports in Dentistry, 2012, 2012, 1-4.	0.2	2
68	Use of Pindex System in Fabrication of the Sectional Custom Tray. Journal of Prosthodontics, 2014, 23, 417-419.	1.7	2
69	How the initial retentive force of implant-supported overdentures can be affected with splinted and unsplinted attachments systems. Dental Research Journal, 2021, 18, 101.	0.2	2
70	A method for seating an implant-supported fixed prosthesis on ITI solid abutments. Journal of Prosthetic Dentistry, 2004, 91, 198-199.	1.1	1
71	Recording the Tilt of a Cast on a Surveyor. Open Dentistry Journal, 2015, 9, 174-175.	0.2	1
72	Effect of occlusal splints on the electromyographic activities of masseter and temporal muscles during maximum clenching. Quintessence International, 2007, 38, e129-32.	0.1	1

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73	Relationship between Tooth Loss, Functional Dyspepsia and Gastro-Esophageal Reflux Disorder among Isfahani Adults. Archives of Iranian Medicine, 2016, 19, 123-30.	0.2	1
74	Use of direct-indirect method for fabrication of tooth-retained overdenture stud attachments. Journal of Prosthetic Dentistry, 2014, 112, 1306-1307.	1.1	0
75	The Effect of Vacuum Leak Rate on Sintering of Porous Titanium Scaffold. E-Journal of Surface Science and Nanotechnology, 2019, 17, 184-188.	0.1	0
76	How the initial retentive force of implant-supported overdentures can be affected with splinted and unsplinted attachments systems.. Dental Research Journal, 2021, 18, 101.	0.2	0