

Petros Koidis

List of Publications by Year in Descending Order

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

56
papers

1,070
citations

20
h-index

31
g-index

59
ext. papers

1,325
ext. citations

3.9
avg, IF

4.42
L-index

#	Paper	IF	Citations
56	Biocompatibility assessment of resin-based cements on vascularized dentin/pulp tissue-engineered analogues. <i>Dental Materials</i> , 2021 , 37, 914-927	5.7	0
55	Fracture strength of endodontically treated premolars restored with different post systems and metal-ceramic or monolithic zirconia crowns. <i>Dental Materials Journal</i> , 2021 , 40, 606-614	2.5	1
54	The Use of Lasers in Dental Materials: A Review. <i>Materials</i> , 2021 , 14,	3.5	5
53	Advanced in Vitro Experimental Models for Tissue Engineering-based Reconstruction of a 3D Dentin/pulp Complex: a Literature Review. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 785-802	7.3	4
52	Hybrid chitosan/gelatin/nanohydroxyapatite scaffolds promote odontogenic differentiation of dental pulp stem cells and in vitro biomineralization. <i>Dental Materials</i> , 2021 , 37, e23-e36	5.7	15
51	Effect of Water Storage on Hardness and Interfacial Strength of Resin Composite Luting Agents Bonded to Surface-Treated Monolithic Zirconia. <i>Dentistry Journal</i> , 2021 , 9,	3.1	2
50	The Efficacy of Stem Cells Secretome Application in Osteoarthritis: A Systematic Review of In Vivo Studies. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 1222-1241	7.3	5
49	The effect of different aging protocols on the flexural strength and phase transformations of two monolithic zirconia ceramics. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2020 , 18, 2280800020982677	1.8	1
48	Variables affecting the fit of zirconia fixed partial dentures: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2020 , 123, 686-692.e8	4	4
47	Color alterations of a PMMA resin for fixed interim prostheses reinforced with silica nanoparticles. <i>Journal of Advanced Prosthodontics</i> , 2019 , 11, 193-201	2.2	3
46	Evaluation of the biological behaviour of various dental implant abutment materials on attachment and viability of human gingival fibroblasts. <i>Dental Materials</i> , 2019 , 35, 1053-1063	5.7	9
45	Assessment of cytotoxicity and antibacterial effects of silver nanoparticle-doped titanium alloy surfaces. <i>Dental Materials</i> , 2019 , 35, e220-e233	5.7	19
44	In Vitro evaluation of the shear bond strength and bioactivity of a bioceramic cement for bonding monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , 2019 , 122, 167.e1-167.e10	4	4
43	Dental pulp stem cells in chitosan/gelatin scaffolds for enhanced orofacial bone regeneration. <i>Dental Materials</i> , 2019 , 35, 310-327	5.7	39
42	Evaluation of color stability of preshaded and liquid-shaded monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 467-472	4	13
41	Platelet-rich plasma for the therapeutic management of temporomandibular joint disorders: a systematic review. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2018 , 47, 188-198	2.9	32
40	Color stability of lithium disilicate ceramics after aging and immersion in common beverages. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 632-642	4	20

39	Fibro/chondrogenic differentiation of dental stem cells into chitosan/alginate scaffolds towards temporomandibular joint disc regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 97	4.5	23
38	Stress generation in mandibular anterior teeth restored with different types of post-and-core at various levels of ferrule. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 965-974	4	8
37	Evaluation of the micro-mechanical and bioactive properties of bioactive glass-dental porcelain composite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 86, 77-83	4.1	9
36	Reinforcement of a PMMA resin for interim fixed prostheses with silica nanoparticles. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 69, 213-222	4.1	26
35	Isolation and prolonged expansion of oral mesenchymal stem cells under clinical-grade, GMP-compliant conditions differentially affects "stemness" properties. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 247	8.3	62
34	Aging of 3Y-TZP dental zirconia and yttrium depletion. <i>Dental Materials</i> , 2017 , 33, e385-e392	5.7	22
33	An experimental bioactive dental ceramic for metal-ceramic restorations: Textural characteristics and investigation of the mechanical properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 66, 95-103	4.1	3
32	Odontogenic differentiation and biomineralization potential of dental pulp stem cells inside Mg-based bioceramic scaffolds under low-level laser treatment. <i>Lasers in Medical Science</i> , 2017 , 32, 201-210	3.1	26
31	Human treated dentin matrices combined with Zn-doped, Mg-based bioceramic scaffolds and human dental pulp stem cells towards targeted dentin regeneration. <i>Dental Materials</i> , 2016 , 32, e159-75	5.7	25
30	Is there a potential for durable adhesion to zirconia restorations? A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2016 , 115, 9-19	4	113
29	Inducing bioactivity of dental ceramic/bioactive glass composites by Nd:YAG laser. <i>Dental Materials</i> , 2016 , 32, e284-e296	5.7	8
28	Wnt/βcatenin signaling regulates Dental Pulp Stem Cells responses to pulp injury by resinous monomers. <i>Dental Materials</i> , 2015 , 31, 542-55	5.7	22
27	Angiogenic Potential and Secretome of Human Apical Papilla Mesenchymal Stem Cells in Various Stress Microenvironments. <i>Stem Cells and Development</i> , 2015 , 24, 2496-512	4.4	56
26	Accuracy of 3 different impression techniques for internal connection angulated implants. <i>Journal of Prosthetic Dentistry</i> , 2015 , 114, 517-23	4	7
25	Effect of in vitro aging on the flexural strength and probability to fracture of Y-TZP zirconia ceramics for all-ceramic restorations. <i>Dental Materials</i> , 2014 , 30, e306-16	5.7	49
24	Dental pulp stem cells secretome enhances pulp repair processes and compensates TEGDMA-induced cytotoxicity. <i>Dental Materials</i> , 2014 , 30, e405-18	5.7	31
23	Effect of heat treatment and in vitro aging on the microstructure and mechanical properties of cold isostatic-pressed zirconia ceramics for dental restorations. <i>Dental Materials</i> , 2014 , 30, e272-82	5.7	17
22	The effect of type of restoration on the stress field developed in terminal abutments with severely reduced periodontal support and coronal structure. <i>Journal of Prosthetic Dentistry</i> , 2013 , 110, 303-12	4	4

21	Effects of resinous monomers on the odontogenic differentiation and mineralization potential of highly proliferative and clonogenic cultured apical papilla stem cells. <i>Dental Materials</i> , 2012 , 28, 327-39	5.7	31
20	Material characterization and bioactivity evaluation of dental porcelain modified by bioactive glass. <i>Ceramics International</i> , 2012 , 38, 5585-5596	5.1	13
19	The effect of high tempered firing cycle on the bioactive behavior of sol-gel derived dental porcelain modified by bioactive glass. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 481-494	2.3	7
18	Flexural strength and the probability of failure of cold isostatic pressed zirconia core ceramics. <i>Journal of Prosthetic Dentistry</i> , 2012 , 108, 84-95	4	14
17	Probing the mechanical properties of dental porcelain through nanoindentation. <i>Journal of the Mechanical Behavior of Materials</i> , 2012 , 21, 41-46	1.9	2
16	Development of new sol-gel derived Ag-doped biomaterials for dental applications. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1417, 48		10
15	The effect of impression technique and implant angulation on the impression accuracy of external- and internal-connection implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012 , 27, 1422-8	2.8	14
14	Reinforcement of a PMMA resin for fixed interim prostheses with nanodiamonds. <i>Dental Materials Journal</i> , 2011 , 30, 222-31	2.5	41
13	Thermal analysis and in vitro bioactivity of bioactive glass-alumina composites. <i>Materials Characterization</i> , 2011 , 62, 118-129	3.9	12
12	Effects of HEMA and TEDGMA on the in vitro odontogenic differentiation potential of human pulp stem/progenitor cells derived from deciduous teeth. <i>Dental Materials</i> , 2011 , 27, 608-17	5.7	56
11	Assessment of the impact of two different isolation methods on the osteo/odontogenic differentiation potential of human dental stem cells derived from deciduous teeth. <i>Calcified Tissue International</i> , 2011 , 88, 130-41	3.9	76
10	Investigation of the influence of gastric acid on the surface roughness of ceramic materials of metal-ceramic restorations. An in vitro study. <i>International Journal of Prosthodontics</i> , 2011 , 24, 26-9	1.9	8
9	Effect of varying the vertical dimension of connectors of cantilever cross-arch fixed dental prostheses in patients with severely reduced osseous support: a three-dimensional finite element analysis. <i>Journal of Prosthetic Dentistry</i> , 2010 , 103, 91-100	4	6
8	Attitudes of dentists regarding the restoration of root canal treated teeth: a survey in Greece. <i>International Dental Journal</i> , 2010 , 60, 336-42	2.2	6
7	Effect of severely reduced bone support on the stress field developed within the connectors of three types of cross-arch fixed partial dentures. <i>Journal of Prosthetic Dentistry</i> , 2009 , 101, 54-65	4	11
6	Microstructural characterization and comparative evaluation of physical, mechanical and biological properties of three ceramics for metal-ceramic restorations. <i>Dental Materials</i> , 2008 , 24, 1362-73	5.7	38
5	Novel Glass-Ceramics for Dental Application by Sol Gel Technique. <i>Key Engineering Materials</i> , 2008 , 396-398, 153-156	0.4	1
4	Characterization and In Vitro Bioactivity Study of Ternary Glass-ceramic Coatings. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1054, 29		

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| 3 | The effects of implant length and diameter prior to and after osseointegration: a 2-D finite element analysis. <i>Journal of Oral Implantology</i> , 2007 , 33, 243-56 | 1.2 | 20 |
| 2 | Development of HydroxyCarbonate Apatite on hybrid polymers used in fixed restorations modified by bioactive glass. <i>Physica Status Solidi A</i> , 2004 , 201, 733-738 | | 2 |
| 1 | Dental ceramics coated with bioactive glass: Surface changes after exposure in a simulated body fluid under static and dynamic conditions. <i>Physica Status Solidi A</i> , 2003 , 198, 65-75 | | 16 |