

Petros Koidis

List of Publications by Year in descending order

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59
papers

1,556
citations

279701

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59
all docs

59
docs citations

59
times ranked

2170
citing authors

#	ARTICLE	IF	CITATIONS
1	Is there a potential for durable adhesion to zirconia restorations? A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 9-19.	1.1	161
2	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, 130-141.	1.5	89
3	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.	2.4	81
4	Angiogenic Potential and Secretome of Human Apical Papilla Mesenchymal Stem Cells in Various Stress Microenvironments. <i>Stem Cells and Development</i> , 2015, 24, 2496-2512.	1.1	69
5	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-e316.	1.6	64
6	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, 608-617.	1.6	63
7	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.	0.7	58
8	Dental pulp stem cells in chitosan/gelatin scaffolds for enhanced orofacial bone regeneration. <i>Dental Materials</i> , 2019, 35, 310-327.	1.6	58
9	Reinforcement of a PMMA resin for fixed interim prostheses with nanodiamonds. <i>Dental Materials Journal</i> , 2011, 30, 222-231.	0.8	53
10	Color stability of lithium disilicate ceramics after aging and immersion in common beverages. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 632-642.	1.1	49
11	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.	1.5	45
12	Microstructural characterization and comparative evaluation of physical, mechanical and biological properties of three ceramics for metal-ceramic restorations. <i>Dental Materials</i> , 2008, 24, 1362-1373.	1.6	43
13	Dental pulp stem cells' secretome enhances pulp repair processes and compensates TEGDMA-induced cytotoxicity. <i>Dental Materials</i> , 2014, 30, e405-e418.	1.6	41
14	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.	1.7	41
15	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.	1.0	37
16	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.	1.6	36
17	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, 327-339.	1.6	35
18	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.	1.6	35

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19	Assessment of cytotoxicity and antibacterial effects of silver nanoparticle-doped titanium alloy surfaces. <i>Dental Materials</i> , 2019, 35, e220-e233.	1.6	33
20	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-e175.	1.6	32
21	Aging of 3Y-TZP dental zirconia and yttrium depletion. <i>Dental Materials</i> , 2017, 33, e385-e392.	1.6	32
22	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, 243-256.	0.4	29
23	Wnt/ β -catenin signaling regulates Dental Pulp Stem Cells' responses to pulp injury by resinous monomers. <i>Dental Materials</i> , 2015, 31, 542-555.	1.6	28
24	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.	1.1	24
25	Evaluation of color stability of preshaded and liquid-shaded monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 467-472.	1.1	23
26	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-e282.	1.6	21
27	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.	1.7	17
28	Flexural strength and the probability of failure of cold isostatic pressed zirconia core ceramics. <i>Journal of Prosthetic Dentistry</i> , 2012, 108, 84-95.	1.1	17
29	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.	0.6	16
30	Material characterization and bioactivity evaluation of dental porcelain modified by bioactive glass. <i>Ceramics International</i> , 2012, 38, 5585-5596.	2.3	15
31	Accuracy of 3 different impression techniques for internal connection angulated implants. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 517-523.	1.1	15
32	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.	1.7	15
33	The Use of Lasers in Dental Materials: A Review. <i>Materials</i> , 2021, 14, 3370.	1.3	15
34	Thermal analysis and in vitro bioactivity of bioactive glass-alumina composites. <i>Materials Characterization</i> , 2011, 62, 118-129.	1.9	14
35	Development of new sol-gel derived Ag-doped biomaterials for dental applications. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1417, 48.	0.1	13
36	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.	1.1	12

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37	Variables affecting the fit of zirconia fixed partial dentures: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 686-692.e8.	1.1	12
38	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.	0.7	11
39	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.	1.5	10
40	Inducing bioactivity of dental ceramic/bioactive glass composites by Nd:YAG laser. <i>Dental Materials</i> , 2016, 32, e284-e296.	1.6	9
41	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.	1.7	9
42	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, 78.	0.9	9
43	InÂvitro 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.	1.1	8
44	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.	1.1	7
45	The effect of high tempered firing cycle on the bioactive behavior of solâ€“gel derived dental porcelain modified by bioactive glass. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 481-494.	1.1	7
46	Attitudes of dentists regarding the restoration of root canal treated teeth: a survey in Greece. <i>International Dental Journal</i> , 2010, 60, 336-42.	1.0	7
47	Color alterations of a PMMA resin for fixed interim prostheses reinforced with silica nanoparticles. <i>Journal of Advanced Prosthodontics</i> , 2019, 11, 193.	1.1	6
48	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.	0.8	6
49	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.	1.5	5
50	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, 303-312.	1.1	4
51	Effect of inÂvitro aging and acidic storage on color, translucency, and contrast ratio of monolithic zirconia and lithium disilicate ceramics. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 479-488.	1.1	4
52	Biocompatibility assessment of resin-based cements on vascularized dentin/pulp tissue-engineered analogues. <i>Dental Materials</i> , 2021, 37, 914-927.	1.6	4
53	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.	1.7	2
54	Novel Glass-Ceramics for Dental Application by Sol Gel Technique. <i>Key Engineering Materials</i> , 2008, 396-398, 153-156.	0.4	2

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55	Probing the mechanical properties of dental porcelain through nanoindentation. Journal of the Mechanical Behavior of Materials, 2012, 21, 41-46.	0.7	2
56	Screwmentable implant-supported prostheses: A systematic review. Journal of Prosthetic Dentistry, 2023, 130, 35-47.	1.1	2
57	Effect of different zirconia surface pretreatments on the flexural strength of veneered Y-TZP ceramic before and after <i>in vitro</i> aging. Journal of Prosthodontic Research, 2021, , .	1.1	1
58	Characterization and In Vitro Bioactivity Study of Ternary Glass-ceramic Coatings. Materials Research Society Symposia Proceedings, 2007, 1054, 29.	0.1	0
59	The effect of different aging protocols on the flexural strength and phase transformations of two monolithic zirconia ceramics. Journal of Applied Biomaterials and Functional Materials, 2020, 18, 228080002098267.	0.7	0