

Kwok-Hung Chung

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,361
citations

394286

19
h-index

360920

35
g-index

69
all docs

69
docs citations

69
times ranked

1400
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival and complications of zirconia-based fixed dental prostheses: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2012, 107, 170-177.	1.1	304
2	A comparative evaluation of the translucency of zirconias and lithium disilicate for monolithic restorations. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 257-263.	1.1	159
3	Shear bond strengths of pressed and layered veneering ceramics to high-noble alloy and zirconia cores. <i>Journal of Prosthetic Dentistry</i> , 2011, 106, 29-37.	1.1	83
4	A Novel Dental Implant Guided Surgery Based on Integration of Surgical Template and Augmented Reality. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 543-553.	1.6	68
5	In vitro assessment of three types of zirconia implant abutments under static load. <i>Journal of Prosthetic Dentistry</i> , 2013, 109, 255-263.	1.1	67
6	Assessment of the internal fit and marginal integrity of interim crowns made by different manufacturing methods. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 514-522.	1.1	45
7	Effect of hydrothermal treatment on light transmission of translucent zirconias. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 422-429.	1.1	43
8	Effect of implant abutment modification on the extrusion of excess cement at the crown-abutment margin for cement-retained implant restorations. <i>International Journal of Oral and Maxillofacial Implants</i> , 2011, 26, 1241-6.	0.6	31
9	Assessment of reliability of CAD-CAM tooth-colored implant custom abutments. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 206-213.	1.1	27
10	In vitro Study of the Contamination Remaining on Used Healing Abutments after Cleaning and Sterilizing in Dental Practice. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 1069-1074.	1.6	26
11	Preservation and augmentation of molar extraction sites affected by severe bone defect due to advanced periodontitis: A prospective clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 333-344.	1.6	26
12	Assessment of the Adaptation of Interim Crowns using Different Measurement Techniques. <i>Journal of Prosthodontics</i> , 2020, 29, 87-93.	1.7	26
13	Cement application techniques in luting implant-supported crowns: a quantitative and qualitative survey. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012, 27, 859-64.	0.6	25
14	Spectroscopic and microscopic investigation of the effects of bacteria on dental implant surfaces. <i>RSC Advances</i> , 2016, 6, 48283-48293.	1.7	24
15	Effects of Abutment and Screw Access Channel Modification on Dislodgement of Cement-Retained Implant-Supported Restorations. <i>International Journal of Prosthodontics</i> , 2013, 26, 54-56.	0.7	23
16	Colorizing titanium-6aluminum-4vanadium alloy using electrochemical anodization: Developing a color chart. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 26-28.	1.1	23
17	Cementing an Implant Crown: A Novel Measurement System Using Computational Fluid Dynamics Approach. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 97-106.	1.6	22
18	Effect of surface treatments on titanium alloy bonding to lithium disilicate glass-ceramics. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 797-802.	1.1	21

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19	InÂvitro effects of dental cements on hard and soft tissues associated with dental implants. Journal of Prosthetic Dentistry, 2017, 118, 31-35.	1.1	21
20	A noninvasive imaging and measurement using optical coherence tomography angiography for the assessment of gingiva: An in vivo study. Journal of Biophotonics, 2018, 11, e201800242.	1.1	20
21	Esthetics and smileâ€related characteristics assessed by laypersons. Journal of Esthetic and Restorative Dentistry, 2018, 30, 136-145.	1.8	19
22	Changes in alveolar process dimensions following extraction of molars with advanced periodontal disease: A clinical pilot study. Clinical Oral Implants Research, 2019, 30, 324-335.	1.9	17
23	A novel technique for measurement of dentogingival tissue by cone beam computed tomography. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, e82-e87.	0.2	16
24	Morphology and electrochemical behavior of Agâ€Cu nanoparticle-doped amalgams. Acta Biomaterialia, 2008, 4, 717-724.	4.1	15
25	Characteristics and porcelain bond strength of (Ti,Al)N coating on dental alloys. Journal of Biomedical Materials Research Part B, 2002, 63, 516-521.	3.0	14
26	Evaluation of Internal Fit and Marginal Adaptation of Provisional Crowns Fabricated with Three Different Techniques. Sensors, 2021, 21, 740.	2.1	14
27	Bond strength and interactions of machined titanium-based alloy with dental cements. Journal of Prosthetic Dentistry, 2015, 114, 660-665.	1.1	13
28	Laboratory technique for coloring titanium abutments to improve esthetics. Journal of Prosthetic Dentistry, 2016, 115, 409-411.	1.1	13
29	The effect of screwdriver angle variation on the off-axis implant abutment system and hexalobular screw. Journal of Prosthetic Dentistry, 2020, 123, 524-528.	1.1	12
30	Effect of modifying the screw access channels of zirconia implant abutment onÂthe cement flow pattern and retention of zirconia restorations. Journal of Prosthetic Dentistry, 2014, 112, 45-50.	1.1	11
31	Assessment of dynamic smile and gingival contour in young Chinese people. International Dental Journal, 2015, 65, 182-187.	1.0	10
32	Association between the dimensions of the maxillary sinus membrane and molar periodontal status: A retrospective CBCT study. Journal of Periodontology, 2020, 91, 1429-1435.	1.7	9
33	Retentive characteristics of overdenture attachments during repeated dislodging and cyclic loading. International Journal of Prosthodontics, 2011, 24, 127-9.	0.7	9
34	A finite element analysis of novel vented dental abutment geometries for cementâ€retained crown restorations. Clinical and Experimental Dental Research, 2016, 2, 136-145.	0.8	8
35	Ridge preservation in maxillary molar extraction sites with severe periodontitis: a prospective observational clinical trial. Clinical Oral Investigations, 2022, 26, 2391-2399.	1.4	8
36	Analysis of Surface Characteristics of ProTaper Universal and ProTaper Next Instruments by Scanning Electron Microscopy. Journal of Clinical and Experimental Dentistry, 2017, 9, 0-0.	0.5	8

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37	Effect of Tooth-Colored Restorative Materials on Reliability of Heat-Pressed Lithium Disilicate. <i>Journal of Prosthodontics</i> , 2015, 24, 475-483.	1.7	6
38	Effect of layering gingiva-shade composite resin on the strength of denture base polymers. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 153.e1-153.e8.	1.1	6
39	Clinical evaluations of free gingival grafting before implant placement to increase keratinized tissue width in molar regions: A retrospective case series. <i>Clinical Oral Implants Research</i> , 2021, 32, 799-807.	1.9	6
40	Bonding of novel self-glazed zirconia dental ceramics. <i>Advances in Applied Ceramics</i> , 2019, 118, 37-45.	0.6	5
41	Effect of Bonding and Rebonding on the Shear Bond Strength of Two-Piece Implant Restorations. <i>Journal of Prosthodontics</i> , 2019, 28, 305-309.	1.7	5
42	Comparison of in situ cone beam computed tomography scan data with ex vivo optical scan data in the measurement of root surface area. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 128, 552-557.	0.2	5
43	Testing and calibrating the mechanical-type toggle torque wrenches used in implant dentistry: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 403-407.	1.1	5
44	In-office technique for selectively etching titanium abutments to improve bonding for interim implant prostheses. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 271-273.	1.1	4
45	Fracture resistance of cingulum rest seats in CAD-CAM tooth-colored crowns for removable partial denture abutments. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 828-835.	1.1	4
46	Techniques to Optimize Color Esthetics, Bonding, and Peri-implant Tissue Health With Titanium Implant Abutments. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2018, 39, 110-119.	0.1	4
47	A Technique to Correct Anterior-Posterior Tooth Discrepancy for a Maxillary Immediate Complete Denture. <i>Journal of Prosthodontics</i> , 2019, 28, 719-723.	1.7	3
48	A technique to validate the accuracy of a beam-type mechanical torque limiting device. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 647-652.	1.1	3
49	Reactions: Antibacterial and bioactive dental restorative materials: Do they really work?. <i>American Journal of Dentistry</i> , 2018, 31, 32B-36B.	0.1	3
50	Evaluation of implant placement following ridge preservation in periodontally compromised molar extraction sockets: Three-year results of a prospective cohort study. <i>Clinical Oral Implants Research</i> , 2022, 33, 735-744.	1.9	3
51	An in vitro study of the effect of different restorative materials on the reliability of a veneering porcelain. <i>Journal of Prosthetic Dentistry</i> , 2013, 110, 521-528.	1.1	2
52	A simple technique to control the heat generated during light polymerization of custom impression trays. <i>Journal of Prosthetic Dentistry</i> , 2014, 111, 79-80.	1.1	2
53	Protecting critical connection sites of a custom cast abutment with a protector cap during fabrication. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 144-147.	1.1	2
54	Effect of ridge preservation at molar extraction sites with severe periodontitis on the Schneiderian membrane thickness changes: a pilot study. <i>BMC Oral Health</i> , 2021, 21, 184.	0.8	2

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55	Effects of carbodiimide dentin surface treatment on resin-dentin bonding. American Journal of Dentistry, 2016, 29, 208-212.	0.1	2
56	Success rate of fractured teeth receiving modified crown lengthening surgery and restorations. BMC Oral Health, 2022, 22, 99.	0.8	2
57	Limiting the dimension of a screw-access hole with an interim screw-retained prosthesis. Journal of Prosthetic Dentistry, 2015, 113, 648-650.	1.1	1
58	Fatigue reliability of dental ceramic materials – an <i>in vitro</i> study. Advances in Applied Ceramics, 2019, 118, 56-61.	0.6	1
59	Effect of activation rate on output torque values from a dental implant toggle-style torque wrench. Journal of Prosthetic Dentistry, 2023, 129, 763-768.	1.1	1
60	Effect of airborne-particle abrasion with a novel spherical abrasive on the zirconia surface. Journal of Prosthetic Dentistry, 2023, 130, 866-876.	1.1	1
61	The Influence of the Maxillary Posterior Region on Smile Aesthetics in a Chinese Cohort. International Dental Journal, 2022, 72, 659-666.	1.0	1
62	Effect of Fiber Reinforcement on the Flexural Strength of the Transitional Implant-Supported Fixed Dental Prosthesis. Journal of Prosthodontics, 2023, 32, 139-146.	1.7	1
63	Direct and CBCT dentogingival tissue thickness measurements. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 483.	0.2	0
64	Validating implant torque limiting devices with a custom tool: A dental technique. Journal of Prosthetic Dentistry, 2021, 125, 407-410.	1.1	0
65	Effect of viewing angles on measurement errors when using an implant cantilever beam torque-limiting device. Journal of Prosthetic Dentistry, 2022, , .	1.1	0
66	Hot water-assisted separation of mounted casts and retrieval of articulator mounting plates. Journal of Prosthetic Dentistry, 2022, , .	1.1	0
67	Assessment of a developed pig cadaver model for teaching crown lengthening surgical procedures. PeerJ, 0, 10, e13421.	0.9	0