

# Mariko Matsumoto

## List of Publications by Year in descending order

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29  
papers

483  
citations

759233  
12  
h-index

677142  
22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-year clinical evaluation of CAD/CAM indirect resin composite premolar crowns using 3D digital data: Discovering the causes of debonding. <i>Journal of Prosthodontic Research</i> , 2022, 66, 402-408.	2.8	14
2	Does the bonding effectiveness of a fiber post/resin composite benefit from mechanical or chemical treatment? Seven methods for saliva-contaminated surfaces. <i>Journal of Prosthodontic Research</i> , 2022, 66, 288-295.	2.8	5
3	Development of dental inspection method: Nondestructive evaluation of an adhesive interface by ACTIVE acoustic emission. <i>Journal of Prosthodontic Research</i> , 2022, 66, 236-242.	2.8	2
4	CAD/CAM indirect resin crowns: Metal-free treatment originating from Japan. <i>Annals of Japan Prosthodontic Society</i> , 2022, 14, 115-123.	0.0	0
5	Combination of a silane coupling agent and resin primer reinforces bonding effectiveness to a CAD/CAM indirect resin composite block. <i>Dental Materials Journal</i> , 2021, 40, 1445-1452.	1.8	6
6	Development of dental inspection method: nondestructive evaluation of a dentin-adhesive interface by acoustic emission. <i>Journal of Prosthodontic Research</i> , 2021, 65, 438-442.	2.8	3
7	Do resin core build-ups obtain the benefits of higher bonding ability from direct or indirect technique?. <i>Journal of Prosthodontic Research</i> , 2021, 65, 565-572.	2.8	2
8	Status of decontamination methods after using dentin adhesion inhibitors on indirect restorations: An integrative review of 19 publications. <i>Japanese Dental Science Review</i> , 2021, 57, 147-153.	5.1	7
9	The microtensile bond strength test: Its historical background and application to bond testing. <i>Japanese Dental Science Review</i> , 2020, 56, 24-31.	5.1	75
10	Ultra-morphological characteristics of dentin surfaces after different preparations and treatments. <i>European Journal of Oral Sciences</i> , 2020, 128, 246-254.	1.5	7
11	Adhesion procedures for CAD/CAM indirect resin composite block: A new resin primer versus a conventional silanizing agent. <i>Journal of Prosthodontic Research</i> , 2020, 64, 319-325.	2.8	16
12	Effectiveness of pretreatment with phosphoric acid, sodium hypochlorite and sulfinic acid sodium salt on root canal dentin resin bonding. <i>Journal of Prosthodontic Research</i> , 2020, 64, 272-280.	2.8	5
13	MDP is effective for removing residual polycarboxylate temporary cement as an adhesion inhibitor. <i>Dental Materials Journal</i> , 2020, 39, 1087-1095.	1.8	13
14	Variable Smear Layer and Adhesive Application: The Pursuit of Clinical Relevance in Bond Strength Testing. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5381.	4.1	17
15	Gradual dehydration affects the mechanical properties and bonding outcome of adhesives to dentin. <i>Dental Materials Journal</i> , 2019, 38, 361-367.	1.8	9
16	Effectiveness of current adhesive systems when bonding to CAD/CAM indirect resin materials: A review of 32 publications. <i>Japanese Dental Science Review</i> , 2019, 55, 41-50.	5.1	47
17	Adhesion procedure for CAD/CAM resin crown bonding: Reduction of bond strengths due to artificial saliva contamination. <i>Journal of Prosthodontic Research</i> , 2018, 62, 177-183.	2.8	33
18	Effects of three drying methods of post space dentin bonding used in a direct resin composite core build-up method. <i>Journal of Prosthodontic Research</i> , 2018, 62, 449-455.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Bonding effectiveness and multi-interfacial characterization of two direct buildup resin core systems bonded to post-space dentin. Clinical Oral Investigations, 2017, 21, 309-317.	3.0	5
20	Limited interaction of a self-adhesive flowable composite with dentin/enamel characterized by TEM. Dental Materials, 2017, 33, 209-217.	3.5	29
21	Advanced Statistical Analyses to Reduce Inconsistency of Bond Strength Data. Journal of Dental Research, 2017, 96, 1400-1405.	5.2	7
22	Effectiveness of sodium hypochlorite and sulfinic acid sodium salt treatment on dentin-resin bonding: Long-term durability of one-step self-etching adhesive. Dental Materials Journal, 2017, 36, 842-850.	1.8	4
23	Bonding effectiveness of self-adhesive and conventional-type adhesive resin cements to CAD/CAM resin blocks. Part 2: Effect of ultrasonic and acid cleaning. Dental Materials Journal, 2016, 35, 29-36.	1.8	28
24	Bonding effectiveness of self-adhesive and conventional-type adhesive resin cements to CAD/CAM resin blocks. Part 1: Effects of sandblasting and silanization. Dental Materials Journal, 2016, 35, 21-28.	1.8	63
25	OCT Application to the Field of Postodontics. Nippon Laser Igakkaishi, 2015, 35, 416-423.	0.0	0
26	Nondestructive observation of teeth post core-space using optical coherence tomography: comparison with microcomputed tomography and live images. Journal of Biomedical Optics, 2015, 20, 1.	2.6	6
27	Nondestructive observation of teeth post core space using optical coherence tomography: a pilot study. Journal of Biomedical Optics, 2014, 19, 046004.	2.6	9
28	Dentin-smear remains at self-etch adhesive interface. Dental Materials, 2014, 30, 1147-1153.	3.5	50
29	Mechanical and morphological evaluation of the bondâ€“dentin interface in direct resin core build-up method. Dental Materials, 2013, 29, 287-293.	3.5	17