Lippo V J Lassila

List of Publications by Year
in descending order

101	3,724	147801	144013
papers	citations	31 h-index	57 g-index

104	104	104	3313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fatigue performance of endodontically treated premolars restored with direct and indirect cuspal coverage restorations utilizing fiber-reinforced cores. Clinical Oral Investigations, 2022, 26, 3501-3513.	3.0	11
2	Fatigue performance of endodontically treated molars restored with different dentin replacement materials. Dental Materials, 2022, 38, e83-e93.	3.5	11
3	Fracture Resistance of Anterior Crowns Reinforced by Short-Fiber Composite. Polymers, 2022, 14, 1809.	4.5	2
4	Midline denture base strains of glass fiber-reinforced single implant-supported overdentures. Journal of Prosthetic Dentistry, 2021, 126, 407-412.	2.8	5
5	Fatigue failure load of immature anterior teeth: influence of different fiber post-core systems. Odontology / the Society of the Nippon Dental University, 2021, 109, 222-230.	1.9	26
6	Assessment of CAD-CAM polymers for digitally fabricated complete dentures. Journal of Prosthetic Dentistry, 2021, 125, 175-181.	2.8	38
7	Evaluation of the mechanical properties and degree of conversion of 3D printed splint material. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104254.	3.1	53
8	The effect of refractive index of fillers and polymer matrix on translucency and color matching of dental resin composite. Biomaterial Investigations in Dentistry, 2021, 8, 48-53.	1.8	31
9	A Polymer for Application as a Matrix Phase in a Concept of In Situ Curable Bioresorbable Bioactive Load-Bearing Continuous Fiber Reinforced Composite Fracture Fixation Plates. Molecules, 2021, 26, 1256.	3.8	4
10	Fatigue behavior of endodontically treated premolars restored with different fiber-reinforced designs. Dental Materials, 2021, 37, 391-402.	3.5	28
11	Surface Integrity of Dimethacrylate Composite Resins with Low Shrinkage Comonomers. Materials, 2021, 14, 1614.	2.9	2
12	Impact of Fast High-Intensity versus Conventional Light-Curing Protocol on Selected Properties of Dental Composites. Materials, 2021, 14, 1381.	2.9	17
13	Influence of Post-Core and Crown Type on the Fracture Resistance of Incisors Submitted to Quasistatic Loading. Polymers, 2021, 13, 1130.	4.5	16
14	The Effect of Material Type and Location of an Orthodontic Retainer in Resisting Axial or Buccal Forces. Materials, 2021, 14, 2319.	2.9	5
15	Effect of Accelerated Aging on Some Mechanical Properties and Wear of Different Commercial Dental Resin Composites. Materials, 2021, 14, 2769.	2.9	21
16	Enhancing Toughness and Reducing Volumetric Shrinkage for Bis-GMA/TEGDMA Resin Systems by Using Hyperbranched Thiol Oligomer HMDI-6SH. Materials, 2021, 14, 2817.	2.9	3
17	Fatigue failure of anterior teeth without ferrule restored with individualized fiber-reinforced post-core foundations. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 118, 104440.	3.1	19
18	Shearâ€bond strength and optical properties of short fiberâ€reinforced CAD/CAM composite blocks. European Journal of Oral Sciences, 2021, 129, e12815.	1.5	8

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19	Characterization of Experimental Short-Fiber-Reinforced Dual-Cure Core Build-Up Resin Composites. Polymers, 2021, 13, 2281.	4.5	7
20	Effect of Interpenetrating Polymer Network (IPN) Thermoplastic Resin on Flexural Strength of Fibre-Reinforced Composite and the Penetration of Bonding Resin into Semi-IPN FRC Post. Polymers, 2021, 13, 3200.	4.5	6
21	Characterization of occlusal splint materials: CAD-CAM versus conventional resins. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104813.	3.1	15
22	Effect of potassium hydrogen difluoride in zirconia-to-resin bonding. Dental Materials Journal, 2021, 40, 245-252.	1.8	2
23	Effect of Fiber Reinforcement Type on the Performance of Large Posterior Restorations: A Review of In Vitro Studies. Polymers, 2021, 13, 3682.	4.5	13
24	Fracture resistance and marginal gap formation of post-core restorations: influence of different fiber-reinforced composites. Clinical Oral Investigations, 2020, 24, 265-276.	3.0	38
25	Fracture behavior of Bi-structure fiber-reinforced composite restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 101, 103444.	3.1	25
26	Effect of cellulose nanofiber content on flexural properties of a model, thermoplastic, injection-molded, polymethyl methacrylate denture base material. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 102, 103513.	3.1	13
27	Direct bilayered biomimetic composite restoration: The effect of a cusp-supporting short fiber-reinforced base design on the chewing fracture resistance and failure mode of molars with or without endodontic treatment. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 103, 103554.	3.1	15
28	Characterization of the mechanical properties of CAD/CAM polymers for interim fixed restorations. Dental Materials Journal, 2020, 39, 319-325.	1.8	12
29	The influence of resin composite with high fiber aspect ratio on fracture resistance of severely damaged bovine incisors. Dental Materials Journal, 2020, 39, 381-388.	1.8	14
30	Bilayered composite restoration: the effect of layer thickness on fracture behavior. Biomaterial Investigations in Dentistry, 2020, 7, 80-85.	1.8	11
31	Physicochemical properties of dimethacrylate resin composites with comonomer of Hexa/Tri-ethylene glycol bis(carbamate-isoproply-Î±-methylstyrene). Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103832.	3.1	7
32	The effect of polishing protocol on surface gloss of different restorative resin composites. Biomaterial Investigations in Dentistry, 2020, 7, 1-8.	1.8	23
33	Incorporation of cellulose fiber in glass ionomer cement. European Journal of Oral Sciences, 2020, 128, 81-88.	1.5	11
34	Characterization of restorative short-fiber reinforced dental composites. Dental Materials Journal, 2020, 39, 992-999.	1.8	30
35	Scanning electron microscopy assessment of the load-bearing capacity of cad/cam-fabricated molar crowns. Brazilian Oral Research, 2020, 34, e035.	1.4	0
36	Three-dimensional printing of zirconia: characterization of early stage material properties. Biomaterial Investigations in Dentistry, 2019, 6, 23-31.	1.8	8

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37	Bonding interface affects the load-bearing capacity of bilayered composites. Dental Materials Journal, 2019, 38, 1002-1011.	1.8	10
38	Biostable glass fibre-reinforced dimethacrylate-based composites as potential candidates for fracture fixation plates in toy-breed dogs: Mechanical testing and finite element analysis.. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 96, 172-185.	3.1	8
39	Fatigue resistance of a simulated single LOCATOR overdentureÂsystem. Journal of Prosthetic Dentistry, 2019, 122, 557-563.	2.8	3
40	The effect of adding a new monomer â€œPheneâ€•on the polymerization shrinkage reduction of a dental resin composite. Dental Materials, 2019, 35, 627-635.	3.5	45
41	Effect of Long-Term Brushing on Deflection, Maximum Load, and Wear of Stainless Steel Wires and Conventional and Spot Bonded Fiber-Reinforced Composites. International Journal of Molecular Sciences, 2019, 20, 6043.	4.1	17
42	Mechanical properties and radiopacity of flowable fiber-reinforced composite. Dental Materials Journal, 2019, 38, 196-202.	1.8	18
43	Effect of phytic acid on the setting times and tensile strengths of calcium silicateâ€based cements. Australian Endodontic Journal, 2019, 45, 241-245.	1.5	6
44	Characterization of a new fiber-reinforced flowable composite. Odontology / the Society of the Nippon Dental University, 2019, 107, 342-352.	1.9	48
45	Short fiberâ€reinforced composite restorations: A review of the current literature. Journal of Investigative and Clinical Dentistry, 2018, 9, e12330.	1.8	74
46	Mechanical properties and fracture behavior of flowable fiber reinforced composite restorations. Dental Materials, 2018, 34, 598-606.	3.5	72
47	Reinforcing effect of discontinuous microglass fibers on resin-modified glass ionomer cement. Dental Materials Journal, 2018, 37, 484-492.	1.8	14
48	Does artificial aging affect mechanical properties of CAD/CAM composite materials. Journal of Prosthodontic Research, 2018, 62, 65-74.	2.8	76
49	The effect of smear layer removal on E. faecalis leakage and bond strength of four resin-based root canal sealers. BMC Oral Health, 2018, 18, 213.	2.3	3
50	Travel beyond Clinical Uses of Fiber Reinforced Composites (FRCs) in Dentistry: A Review of Past Employments, Present Applications, and Future Perspectives. BioMed Research International, 2018, 2018, 1-8.	1.9	24
51	Load-bearing capacity of simulated Locator-retained overdenture system. Journal of Prosthetic Dentistry, 2018, 120, 558-564.	2.8	9
52	Characterization of fluoride releasing restorative dental materials. Dental Materials Journal, 2018, 37, 293-300.	1.8	83
53	Comparison of Load-Bearing Capacities of 3-Unit Fiber-Reinforced Composite Adhesive Bridges with Different Framework Designs. Medical Science Monitor, 2018, 24, 4440-4448.	1.1	5
54	Effect of discontinuous glass fibers on mechanical properties of glass ionomer cement. Acta Biomaterialia Odontologica Scandinavica, 2018, 4, 72-80.	4.0	15

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55	Physicochemical properties of discontinuous S2-glass fiber reinforced resin composite. Dental Materials Journal, 2018, 37, 95-103.	1.8	7
56	Effect of different treatments on the flexural strength of fully versus partially stabilized monolithic zirconia. Journal of Prosthetic Dentistry, 2017, 118, 216-220.	2.8	71
57	Fiber-reinforced composites in fixed prosthodonticsâ€"Quo vadis?. Dental Materials, 2017, 33, 877-879.	3.5	24
58	Hollow glass fibers in reinforcing glass ionomer cements. Dental Materials, 2017, 33, e86-e93.	3.5	44
59	Bond strength of fiber posts and short fiber-reinforced composite to root canal dentin following cyclic loading. Journal of Adhesion Science and Technology, 2017, 31, 1397-1407.	2.6	5
60	Fillings and core build-ups. , 2017, , 131-163.		9
61	Spot-Bonding and Full-Bonding Techniques for Fiber Reinforced Composite (FRC) and Metallic Retainers. International Journal of Molecular Sciences, 2017, 18, 2096.	4.1	10
62	Cellulose Fibre-Reinforced Biofoam for Structural Applications. Materials, 2017, 10, 619.	2.9	19
63	Bending Properties of Fiber-Reinforced Composites Retainers Bonded with Spot-Composite Coverage. BioMed Research International, 2017, 2017, 1-6.	1.9	15
64	Comparative evaluation between glass and polyethylene fiber reinforced composites: A review of the current literature. Journal of Clinical and Experimental Dentistry, 2017, 9, 0-0.	1.2	11
65	Surface roughness and the flexural and bend strength of zirconia after different surface treatments. Journal of Prosthetic Dentistry, 2016, 116, 577-583.	2.8	54
66	Mechanical and structural characterization of discontinuous fiber-reinforced dental resin composite. Journal of Dentistry, 2016, 52, 70-78.	4.1	70
67	Reinforcing Effect of Glass Fiberâ€"incorporated ProRoot MTA and Biodentine as Intraorifice Barriers. Journal of Endodontics, 2016, 42, 1673-1676.	3.1	12
68	Mechanical properties of fiber reinforced restorative composite with two distinguished fiber length distribution. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 60, 331-338.	3.1	47
69	Influence of increment thickness on light transmission, degree of conversion and micro hardness of bulk fill composites. Odontology / the Society of the Nippon Dental University, 2016, 104, 291-297.	1.9	82
70	Physical and chemical properties of an antimicrobial Bis-GMA free dental resin with quaternary ammonium dimethacrylate monomer. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 56, 68-76.	3.1	34
71	Mechanical properties, fracture resistance, and fatigue limits ofÂshort fiber reinforced dental composite resin. Journal of Prosthetic Dentistry, 2016, 115, 95-102.	2.8	65
72	Effects of Nanofillers on Mechanical Properties of Fiber-Reinforced Composites Polymerized with Light-Curing and Additional Postcuring. Journal of Applied Biomaterials and Functional Materials, 2015, 13, 296-299.	1.6	24

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73	Three-Dimensional Finite Element Analysis of Anterior Two-Unit Cantilever Resin-Bonded Fixed Dental Prostheses. Scientific World Journal, The, 2015, 2015, 1-10.	2.1	28
74	Preparation of antibacterial and radio-opaque dental resin with new polymerizable quaternary ammonium monomer. Dental Materials, 2015, 31, 575-582.	3.5	50
75	Effect of endodontic chelating solutions on the bond strength of endodontic sealers. Brazilian Oral Research, 2015, 29, 1-6.	1.4	526
76	Preparation and characterization of new mouldable cellulose-AESO biocomposites. Cellulose, 2014, 21, 1769-1780.	4.9	7
77	Fracture resistance of endodontically restored, weakened incisors. Dental Traumatology, 2014, 30, 348-355.	2.0	12
78	Factors affecting the mechanical behavior of Y-TZP. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 37, 78-87.	3.1	70
79	Preparation of three-dimensional cellulose objects previously swollen in a DMAc/LiCl solvent system. Cellulose, 2014, 21, 4029-4038.	4.9	11
80	Synthesis of antibacterial and radio-opaque dimethacrylate monomers and their potential application in dental resin. Dental Materials, 2014, 30, 968-976.	3.5	35
81	Effect of heat treatment of polymethyl methacrylate powder on mechanical properties of denture base resin. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 39, 73-78.	3.1	24
82	Physical properties and depth of cure of a new short fiber reinforced composite. Dental Materials, 2013, 29, 835-841.	3.5	213
83	Effect of Surface Modification on the Bond Strength between Zirconia and Resin Cement. Journal of Prosthodontics, 2013, 22, 529-536.	3.7	21
84	Influence of staining solutions and whitening procedures on discoloration of hybrid composite resins. Acta Odontologica Scandinavica, 2013, 71, 144-150.	1.6	55
85	Short Fiber Reinforced Composite: a New Alternative for Direct Onlay Restorations. Open Dentistry Journal, 2013, 7, 181-185.	0.5	36
86	Synthesis of dimethacrylates monomers with low polymerization shrinkage and its application in dental composites materials. Journal of Polymer Research, 2012, 19, 1.	2.4	21
87	Translucency of flowable bulk-filling composites of various thicknesses. Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA), The, 2012, 15, 31-5.	0.2	20
88	Bond Strength of Soft Liners to Fiberâ€Reinforced Dentureâ€Base Resin. Journal of Prosthodontics, 2010, 19, 620-624.	3.7	11
89	Adherence of Streptococcus mutans to Fiber-Reinforced Filling Composite and Conventional Restorative Materials. Open Dentistry Journal, 2009, 3, 227-232.	0.5	29
90	Evaluation of bis-GMA/MMA Resin Adhesion to Silica-Coated and Silanized Titanium. Journal of Adhesion Science and Technology, 2009, 23, 991-1006.	2.6	10

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91	Effect of sintering time on biaxial strength of zirconium dioxide. Dental Materials, 2009, 25, 166-171.	3.5	79
92	Dental Zirconia Adhesion with Silicon Compounds Using Some Experimental and Conventional Surface Conditioning Methods. Silicon, 2009, 1, 199-202.	3.3	21
93	Thermocycling Effects on Resin Bond to Silicatized and Silanized Zirconia. Journal of Adhesion Science and Technology, 2009, 23, 1043-1051.	2.6	29
94	The Bond Strength of Particulate-Filler Composite to Differently Oriented Fiber-Reinforced Composite Substrate. Journal of Prosthodontics, 2007, 16, 10-17.	3.7	19
95	Fracture resistance of short, randomly oriented, glass fiber-reinforced composite premolar crowns. Acta Biomaterialia, 2007, 3, 779-784.	8.3	51
96	Damage mechanics and load failure of fiber-reinforced composite fixed partial dentures. Dental Materials, 2005, 21, 1104-1110.	3.5	33
97	Effect of cross-sectional design on the modulus of elasticity and toughness of fiber-reinforced composite materials. Journal of Prosthetic Dentistry, 2005, 94, 219-226.	2.8	60
98	Evaluation of some properties of two fiber-reinforced composite materials. Acta Odontologica Scandinavica, 2005, 63, 196-204.	1.6	46
99	Flexural properties of fiber reinforced root canal posts. Dental Materials, 2004, 20, 29-36.	3.5	311
100	Effect of fiber position and orientation on fracture load of fiber-reinforced composite. Dental Materials, 2004, 20, 947-955.	3.5	205
101	The effect of fiber position and polymerization condition on the flexural properties of fiber-reinforced composite. Journal of Contemporary Dental Practice, 2004, 5, 14-26.	0.5	5