

Lippo V J Lassila

List of Publications by Year in descending order

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101
papers

3,724
citations

147801

31
h-index

144013

57
g-index

104
all docs

104
docs citations

104
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of endodontic chelating solutions on the bond strength of endodontic sealers. <i>Brazilian Oral Research</i> , 2015, 29, 1-6.	1.4	526
2	Flexural properties of fiber reinforced root canal posts. <i>Dental Materials</i> , 2004, 20, 29-36.	3.5	311
3	Physical properties and depth of cure of a new short fiber reinforced composite. <i>Dental Materials</i> , 2013, 29, 835-841.	3.5	213
4	Effect of fiber position and orientation on fracture load of fiber-reinforced composite. <i>Dental Materials</i> , 2004, 20, 947-955.	3.5	205
5	Characterization of fluoride releasing restorative dental materials. <i>Dental Materials Journal</i> , 2018, 37, 293-300.	1.8	83
6	Influence of increment thickness on light transmission, degree of conversion and micro hardness of bulk fill composites. <i>Odontology / the Society of the Nippon Dental University</i> , 2016, 104, 291-297.	1.9	82
7	Effect of sintering time on biaxial strength of zirconium dioxide. <i>Dental Materials</i> , 2009, 25, 166-171.	3.5	79
8	Does artificial aging affect mechanical properties of CAD/CAM composite materials. <i>Journal of Prosthodontic Research</i> , 2018, 62, 65-74.	2.8	76
9	Short fiber reinforced composite restorations: A review of the current literature. <i>Journal of Investigative and Clinical Dentistry</i> , 2018, 9, e12330.	1.8	74
10	Mechanical properties and fracture behavior of flowable fiber reinforced composite restorations. <i>Dental Materials</i> , 2018, 34, 598-606.	3.5	72
11	Effect of different treatments on the flexural strength of fully versus partially stabilized monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 216-220.	2.8	71
12	Factors affecting the mechanical behavior of Y-TZP. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 37, 78-87.	3.1	70
13	Mechanical and structural characterization of discontinuous fiber-reinforced dental resin composite. <i>Journal of Dentistry</i> , 2016, 52, 70-78.	4.1	70
14	Mechanical properties, fracture resistance, and fatigue limits of short fiber reinforced dental composite resin. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 95-102.	2.8	65
15	Effect of cross-sectional design on the modulus of elasticity and toughness of fiber-reinforced composite materials. <i>Journal of Prosthetic Dentistry</i> , 2005, 94, 219-226.	2.8	60
16	Influence of staining solutions and whitening procedures on discoloration of hybrid composite resins. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 144-150.	1.6	55
17	Surface roughness and the flexural and bend strength of zirconia after different surface treatments. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 577-583.	2.8	54
18	Evaluation of the mechanical properties and degree of conversion of 3D printed splint material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104254.	3.1	53

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19	Fracture resistance of short, randomly oriented, glass fiber-reinforced composite premolar crowns. <i>Acta Biomaterialia</i> , 2007, 3, 779-784.	8.3	51
20	Preparation of antibacterial and radio-opaque dental resin with new polymerizable quaternary ammonium monomer. <i>Dental Materials</i> , 2015, 31, 575-582.	3.5	50
21	Characterization of a new fiber-reinforced flowable composite. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 342-352.	1.9	48
22	Mechanical properties of fiber reinforced restorative composite with two distinguished fiber length distribution. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 331-338.	3.1	47
23	Evaluation of some properties of two fiber-reinforced composite materials. <i>Acta Odontologica Scandinavica</i> , 2005, 63, 196-204.	1.6	46
24	The effect of adding a new monomer "Phene" on the polymerization shrinkage reduction of a dental resin composite. <i>Dental Materials</i> , 2019, 35, 627-635.	3.5	45
25	Hollow glass fibers in reinforcing glass ionomer cements. <i>Dental Materials</i> , 2017, 33, e86-e93.	3.5	44
26	Fracture resistance and marginal gap formation of post-core restorations: influence of different fiber-reinforced composites. <i>Clinical Oral Investigations</i> , 2020, 24, 265-276.	3.0	38
27	Assessment of CAD-CAM polymers for digitally fabricated complete dentures. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 175-181.	2.8	38
28	Short Fiber Reinforced Composite: a New Alternative for Direct Onlay Restorations. <i>Open Dentistry Journal</i> , 2013, 7, 181-185.	0.5	36
29	Synthesis of antibacterial and radio-opaque dimethacrylate monomers and their potential application in dental resin. <i>Dental Materials</i> , 2014, 30, 968-976.	3.5	35
30	Physical and chemical properties of an antimicrobial Bis-GMA free dental resin with quaternary ammonium dimethacrylate monomer. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 56, 68-76.	3.1	34
31	Damage mechanics and load failure of fiber-reinforced composite fixed partial dentures. <i>Dental Materials</i> , 2005, 21, 1104-1110.	3.5	33
32	The effect of refractive index of fillers and polymer matrix on translucency and color matching of dental resin composite. <i>Biomaterial Investigations in Dentistry</i> , 2021, 8, 48-53.	1.8	31
33	Characterization of restorative short-fiber reinforced dental composites. <i>Dental Materials Journal</i> , 2020, 39, 992-999.	1.8	30
34	Adherence of <i>Streptococcus mutans</i> to Fiber-Reinforced Filling Composite and Conventional Restorative Materials. <i>Open Dentistry Journal</i> , 2009, 3, 227-232.	0.5	29
35	Thermocycling Effects on Resin Bond to Silicatized and Silanized Zirconia. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1043-1051.	2.6	29
36	Three-Dimensional Finite Element Analysis of Anterior Two-Unit Cantilever Resin-Bonded Fixed Dental Prostheses. <i>Scientific World Journal</i> , The, 2015, 2015, 1-10.	2.1	28

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37	Fatigue behavior of endodontically treated premolars restored with different fiber-reinforced designs. <i>Dental Materials</i> , 2021, 37, 391-402.	3.5	28
38	Fatigue failure load of immature anterior teeth: influence of different fiber post-core systems. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 222-230.	1.9	26
39	Fracture behavior of Bi-structure fiber-reinforced composite restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103444.	3.1	25
40	Effect of heat treatment of polymethyl methacrylate powder on mechanical properties of denture base resin. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 39, 73-78.	3.1	24
41	Effects of Nanofillers on Mechanical Properties of Fiber-Reinforced Composites Polymerized with Light-Curing and Additional Postcuring. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015, 13, 296-299.	1.6	24
42	Fiber-reinforced composites in fixed prosthodontics—Quo vadis?. <i>Dental Materials</i> , 2017, 33, 877-879.	3.5	24
43	Travel beyond Clinical Uses of Fiber Reinforced Composites (FRCs) in Dentistry: A Review of Past Employments, Present Applications, and Future Perspectives. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	24
44	The effect of polishing protocol on surface gloss of different restorative resin composites. <i>Biomaterial Investigations in Dentistry</i> , 2020, 7, 1-8.	1.8	23
45	Dental Zirconia Adhesion with Silicon Compounds Using Some Experimental and Conventional Surface Conditioning Methods. <i>Silicon</i> , 2009, 1, 199-202.	3.3	21
46	Synthesis of dimethacrylates monomers with low polymerization shrinkage and its application in dental composites materials. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	21
47	Effect of Surface Modification on the Bond Strength between Zirconia and Resin Cement. <i>Journal of Prosthodontics</i> , 2013, 22, 529-536.	3.7	21
48	Effect of Accelerated Aging on Some Mechanical Properties and Wear of Different Commercial Dental Resin Composites. <i>Materials</i> , 2021, 14, 2769.	2.9	21
49	Translucency of flowable bulk-filling composites of various thicknesses. <i>Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA)</i> , The, 2012, 15, 31-5.	0.2	20
50	The Bond Strength of Particulate-Filler Composite to Differently Oriented Fiber-Reinforced Composite Substrate. <i>Journal of Prosthodontics</i> , 2007, 16, 10-17.	3.7	19
51	Cellulose Fibre-Reinforced Biofoam for Structural Applications. <i>Materials</i> , 2017, 10, 619.	2.9	19
52	Fatigue failure of anterior teeth without ferrule restored with individualized fiber-reinforced post-core foundations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 118, 104440.	3.1	19
53	Mechanical properties and radiopacity of flowable fiber-reinforced composite. <i>Dental Materials Journal</i> , 2019, 38, 196-202.	1.8	18
54	Effect of Long-Term Brushing on Deflection, Maximum Load, and Wear of Stainless Steel Wires and Conventional and Spot Bonded Fiber-Reinforced Composites. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6043.	4.1	17

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55	Impact of Fast High-Intensity versus Conventional Light-Curing Protocol on Selected Properties of Dental Composites. <i>Materials</i> , 2021, 14, 1381.	2.9	17
56	Influence of Post-Core and Crown Type on the Fracture Resistance of Incisors Submitted to Quasistatic Loading. <i>Polymers</i> , 2021, 13, 1130.	4.5	16
57	Bending Properties of Fiber-Reinforced Composites Retainers Bonded with Spot-Composite Coverage. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	15
58	Effect of discontinuous glass fibers on mechanical properties of glass ionomer cement. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2018, 4, 72-80.	4.0	15
59	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. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 103, 103554.	3.1	15
60	Characterization of occlusal splint materials: CAD-CAM versus conventional resins. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104813.	3.1	15
61	Reinforcing effect of discontinuous microglass fibers on resin-modified glass ionomer cement. <i>Dental Materials Journal</i> , 2018, 37, 484-492.	1.8	14
62	The influence of resin composite with high fiber aspect ratio on fracture resistance of severely damaged bovine incisors. <i>Dental Materials Journal</i> , 2020, 39, 381-388.	1.8	14
63	Effect of cellulose nanofiber content on flexural properties of a model, thermoplastic, injection-molded, polymethyl methacrylate denture base material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103513.	3.1	13
64	Effect of Fiber Reinforcement Type on the Performance of Large Posterior Restorations: A Review of In Vitro Studies. <i>Polymers</i> , 2021, 13, 3682.	4.5	13
65	Fracture resistance of endodontically restored, weakened incisors. <i>Dental Traumatology</i> , 2014, 30, 348-355.	2.0	12
66	Reinforcing Effect of Glass Fiber-incorporated ProRoot MTA and Biodentine as Intraorifice Barriers. <i>Journal of Endodontics</i> , 2016, 42, 1673-1676.	3.1	12
67	Characterization of the mechanical properties of CAD/CAM polymers for interim fixed restorations. <i>Dental Materials Journal</i> , 2020, 39, 319-325.	1.8	12
68	Bond Strength of Soft Liners to Fiber-Reinforced Denture-Base Resin. <i>Journal of Prosthodontics</i> , 2010, 19, 620-624.	3.7	11
69	Preparation of three-dimensional cellulose objects previously swollen in a DMAc/LiCl solvent system. <i>Cellulose</i> , 2014, 21, 4029-4038.	4.9	11
70	Comparative evaluation between glass and polyethylene fiber reinforced composites: A review of the current literature. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	1.2	11
71	Bilayered composite restoration: the effect of layer thickness on fracture behavior. <i>Biomaterial Investigations in Dentistry</i> , 2020, 7, 80-85.	1.8	11
72	Incorporation of cellulose fiber in glass ionomer cement. <i>European Journal of Oral Sciences</i> , 2020, 128, 81-88.	1.5	11

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73	Fatigue performance of endodontically treated premolars restored with direct and indirect cuspal coverage restorations utilizing fiber-reinforced cores. <i>Clinical Oral Investigations</i> , 2022, 26, 3501-3513.	3.0	11
74	Fatigue performance of endodontically treated molars restored with different dentin replacement materials. <i>Dental Materials</i> , 2022, 38, e83-e93.	3.5	11
75	Evaluation of bis-GMA/MMA Resin Adhesion to Silica-Coated and Silanized Titanium. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 991-1006.	2.6	10
76	Spot-Bonding and Full-Bonding Techniques for Fiber Reinforced Composite (FRC) and Metallic Retainers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2096.	4.1	10
77	Bonding interface affects the load-bearing capacity of bilayered composites. <i>Dental Materials Journal</i> , 2019, 38, 1002-1011.	1.8	10
78	Fillings and core build-ups. , 2017, , 131-163.		9
79	Load-bearing capacity of simulated Locator-retained overdenture system. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 558-564.	2.8	9
80	Three-dimensional printing of zirconia: characterization of early stage material properties. <i>Biomaterial Investigations in Dentistry</i> , 2019, 6, 23-31.	1.8	8
81	Biostable glass fibre-reinforced dimethacrylate-based composites as potential candidates for fracture fixation plates in toy-breed dogs: Mechanical testing and finite element analysis.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 96, 172-185.	3.1	8
82	Shear bond strength and optical properties of short fiber-reinforced CAD/CAM composite blocks. <i>European Journal of Oral Sciences</i> , 2021, 129, e12815.	1.5	8
83	Preparation and characterization of new mouldable cellulose-AESO biocomposites. <i>Cellulose</i> , 2014, 21, 1769-1780.	4.9	7
84	Physicochemical properties of discontinuous S2-glass fiber reinforced resin composite. <i>Dental Materials Journal</i> , 2018, 37, 95-103.	1.8	7
85	Physicochemical properties of dimethacrylate resin composites with comonomer of Hexa/Tri-ethylene glycol bis(carbamate-isopropyl-methylstyrene). <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 108, 103832.	3.1	7
86	Characterization of Experimental Short-Fiber-Reinforced Dual-Cure Core Build-Up Resin Composites. <i>Polymers</i> , 2021, 13, 2281.	4.5	7
87	Effect of phytic acid on the setting times and tensile strengths of calcium silicate-based cements. <i>Australian Endodontic Journal</i> , 2019, 45, 241-245.	1.5	6
88	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. <i>Polymers</i> , 2021, 13, 3200.	4.5	6
89	Bond strength of fiber posts and short fiber-reinforced composite to root canal dentin following cyclic loading. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 1397-1407.	2.6	5
90	Comparison of Load-Bearing Capacities of 3-Unit Fiber-Reinforced Composite Adhesive Bridges with Different Framework Designs. <i>Medical Science Monitor</i> , 2018, 24, 4440-4448.	1.1	5

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91	Midline denture base strains of glass fiber-reinforced single implant-supported overdentures. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 407-412.	2.8	5
92	The Effect of Material Type and Location of an Orthodontic Retainer in Resisting Axial or Buccal Forces. <i>Materials</i> , 2021, 14, 2319.	2.9	5
93	The effect of fiber position and polymerization condition on the flexural properties of fiber-reinforced composite. <i>Journal of Contemporary Dental Practice</i> , 2004, 5, 14-26.	0.5	5
94	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. <i>Molecules</i> , 2021, 26, 1256.	3.8	4
95	The effect of smear layer removal on <i>E. faecalis</i> leakage and bond strength of four resin-based root canal sealers. <i>BMC Oral Health</i> , 2018, 18, 213.	2.3	3
96	Fatigue resistance of a simulated single LOCATOR overdenture system. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 557-563.	2.8	3
97	Enhancing Toughness and Reducing Volumetric Shrinkage for Bis-GMA/TEGDMA Resin Systems by Using Hyperbranched Thiol Oligomer HMDI-6SH. <i>Materials</i> , 2021, 14, 2817.	2.9	3
98	Surface Integrity of Dimethacrylate Composite Resins with Low Shrinkage Comonomers. <i>Materials</i> , 2021, 14, 1614.	2.9	2
99	Effect of potassium hydrogen difluoride in zirconia-to-resin bonding. <i>Dental Materials Journal</i> , 2021, 40, 245-252.	1.8	2
100	Fracture Resistance of Anterior Crowns Reinforced by Short-Fiber Composite. <i>Polymers</i> , 2022, 14, 1809.	4.5	2
101	Scanning electron microscopy assessment of the load-bearing capacity of cad/cam-fabricated molar crowns. <i>Brazilian Oral Research</i> , 2020, 34, e035.	1.4	0