

Lucas S Machado

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

687
citations

623188

14
h-index

610482

24
g-index

50
all docs

50
docs citations

50
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical Evaluation of Undersized Drilling on Implant Biomechanical Stability at Early Implantation Times. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013, 71, e69-e75.	0.5	48
2	The combined effects of undersized drilling and implant macrogeometry on bone healing around dental implants: an experimental study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2014, 43, 1269-1275.	0.7	48
3	Microabrasion in tooth enamel discoloration defects: three cases with long-term follow-ups. <i>Journal of Applied Oral Science</i> , 2014, 22, 347-354.	0.7	48
4	Clinical Comparison of At-Home and In-Office Dental Bleaching Procedures: A Randomized Trial of a Split-Mouth Design. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, 251-260.	0.4	46
5	Effect of long-term storage on nanomechanical and morphological properties of dentin-adhesive interfaces. <i>Dental Materials</i> , 2015, 31, 141-153.	1.6	43
6	The impact of a modified cutting flute implant design on osseointegration. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2014, 43, 883-888.	0.7	41
7	Increased osseointegration effect of bone morphogenetic protein 2 on dental implants: An <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1921-1927.	2.1	38
8	Implant-Abutment Connection Designs for Anterior Crowns. <i>Implant Dentistry</i> , 2013, 22, 540-545.	1.7	29
9	Accomplishing Esthetics Using Enamel Microabrasion and Bleaching—A Case Report. <i>Operative Dentistry</i> , 2014, 39, 223-227.	0.6	26
10	In vitro fatigue tests and in silico finite element analysis of dental implants with different fixture/abutment joint types using computer-aided design models. <i>Journal of Prosthodontic Research</i> , 2018, 62, 24-30.	1.1	26
11	Influence of microthreads and platform switching on stress distribution in bone using angled abutments. <i>Journal of Prosthodontic Research</i> , 2012, 56, 256-263.	1.1	20
12	Intratubular penetration of endodontic sealers depends on the fluorophore used for CLSM assessment. <i>Microscopy Research and Technique</i> , 2021, 84, 305-312.	1.2	19
13	Long-term Adhesion Study of Self-etching Systems to Plasma-treated Dentin. <i>Journal of Adhesive Dentistry</i> , 2015, 17, 227-33.	0.3	16
14	Short- and Long-term Evaluation of Dentin-Resin Interfaces Formed by Etch-and-Rinse Adhesives on Plasma-treated Dentin. <i>Journal of Adhesive Dentistry</i> , 2016, 18, 215-22.	0.3	14
15	Esthetic recovery of teeth presenting fluorotic enamel stains using enamel microabrasion and home-monitored dental bleaching. <i>Journal of Conservative Dentistry</i> , 2019, 22, 401.	0.3	14
16	Mechanical Evaluation of Two Grades of Titanium Used in Implant Dentistry. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 800-805.	0.6	12
17	Effect of partially demineralized dentin beneath the hybrid layer on dentin-adhesive interface micromechanics. <i>Journal of Biomechanics</i> , 2015, 48, 701-707.	0.9	12
18	Reliability and failure modes of narrow implant systems. <i>Clinical Oral Investigations</i> , 2016, 20, 1505-1513.	1.4	12

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19	Mechanical Evaluation of Four Narrow-Diameter Implant Systems. <i>International Journal of Prosthodontics</i> , 2014, 27, 359-362.	0.7	11
20	Reliability and Failure Modes of a Hybrid Ceramic Abutment Prototype. <i>Journal of Prosthodontics</i> , 2018, 27, 83-87.	1.7	11
21	Enamel Microabrasion and Dental Bleaching on Teeth Presenting Severe-pitted Enamel Fluorosis: A Case Report. <i>Operative Dentistry</i> , 2019, 44, 566-573.	0.6	11
22	The physicochemical characterization and in vivo response of micro/nanoporous bioactive ceramic particulate bone graft materials. <i>Materials Science and Engineering C</i> , 2014, 43, 472-480.	3.8	10
23	Evidence of genetic tolerance to low availability of phosphorus in the soil among genotypes of <i>Coffea canephora</i> . <i>Genetics and Molecular Research</i> , 2015, 14, 10576-10587.	0.3	10
24	Treatment of Enamel Surfaces After Bracket Debonding: Case Reports and Long-term Follow-ups. <i>Operative Dentistry</i> , 2016, 41, 8-14.	0.6	10
25	Platform-switching for Cemented Versus Screwed Fixed Dental Prostheses: Reliability and Failure Modes: An In Vitro Study. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 830-839.	1.6	10
26	Efficacy of auxiliary devices for removal of fluorescent residue after bracket debonding. <i>Angle Orthodontist</i> , 2017, 87, 440-447.	1.1	10
27	Conservative reconstruction of the smile by orthodontic, bleaching, and restorative procedures. <i>European Journal of Dentistry</i> , 2012, 06, 105-109.	0.8	9
28	Surface effects after a combination of dental bleaching and enamel microabrasion: An <i>in vitro</i> and <i>in situ</i> study. <i>Dental Materials Journal</i> , 2016, 35, 13-20.	0.8	9
29	Clinical/Photographic/Scanning Electron Microscopy Analysis of Pit and Fissure Sealants After 22 Years: A Case Series. <i>Operative Dentistry</i> , 2017, 42, 10-18.	0.6	9
30	Clinical Trial Evaluating Color Change and Tooth Sensitivity Throughout and Following In-office Bleaching. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2013, 33, 209-215.	0.4	8
31	Analysis of hybrid layer thickness, resin tag length and their correlation with microtensile bond strength using a total etch adhesive to intact dentin. <i>Acta Odontológica Latinoamericana: AOL</i> , 2011, 24, 272-8.	0.1	8
32	One-Year Clinical Evaluation of Composite Restorations in Posterior Teeth: Effect of Adhesive Systems. <i>Operative Dentistry</i> , 2012, 37, E30-E37.	0.6	7
33	Dental bleaching with a 10% hydrogen peroxide product: A six-month clinical observation. <i>Indian Journal of Dental Research</i> , 2014, 25, 4.	0.1	6
34	Effect of Diamondlike Carbon Coating on Reliability of Implant-Supported Crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 806-813.	0.6	5
35	Dental bleaching on teeth submitted to enamel microabrasion 30 years ago—a case report of patients' compliance during bleaching treatment. <i>Clinical Oral Investigations</i> , 2019, 23, 321-326.	1.4	5
36	Effect of Abutment Screw Surface Treatment on Reliability of Implant-Supported Crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014, 29, 585-592.	0.6	4

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37	Reporting on the recapture of electronic tagged fish by fishers in the Xingu River, Brazilian Amazon. <i>Brazilian Journal of Biology</i> , 2015, 75, 99-101.	0.4	4
38	Survival and failure modes: platform switching for internal and external hexagon cemented fixed dental prostheses. <i>European Journal of Oral Sciences</i> , 2016, 124, 490-497.	0.7	3
39	Combining enamel microabrasion and dental bleaching: recovering smile aesthetics. <i>Dentistry Today</i> , 2013, 32, 110-1.	0.1	3
40	Effects of dentin dry/moist condition on the immediate adhesive performance of different solvent-based etch-and-rinse adhesivesystems. <i>International Journal of Adhesion and Adhesives</i> , 2013, 43, 1-6.	1.4	2
41	Conservative reconstruction of the smile by orthodontic, bleaching, and restorative procedures. <i>European Journal of Dentistry</i> , 2012, 6, 105-9.	0.8	2
42	Correlation of the hybrid layer thickness and resin tags length with the bond strength of a self-etching adhesive system. <i>Acta Odontol3gica Latinoamericana: AOL</i> , 2009, 22, 177-81.	0.1	2
43	Three-Year Clinical Evaluation of Class I Restorations in Posterior Teeth. Effects of Two Adhesive Systems. <i>Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995)</i> , 2016, 37, e1-e4.	0.1	2
44	Effect of ultrasonic activation of the adhesive system on dentin tubule penetration and the pushout bond strength of fiber posts. <i>Journal of Prosthetic Dentistry</i> , 2020, , .	1.1	1
45	Integrating techniques to restore an adolescent's smile. <i>Dentistry Today</i> , 2012, 31, 88, 90-1.	0.1	1
46	Repairability of aged resin composites mediated by different restorative systems. <i>Acta Odontol3gica Latinoamericana: AOL</i> , 2016, 29, 7-13.	0.1	1
47	Two-Year Clinical Evaluation of a Nanofilled Etch-and-Rinse and a Self-Etch Adhesive System Containing MDPB and Fluoride in Non-cariou Cervical Lesions. <i>Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995)</i> , 2017, 38, e1-e4.	0.1	1
48	Observation of tags and hybrid layer of a single bottle conventional adhesive system and a self-etching adhesive system, on sound dentin. <i>Acta Odontol3gica Latinoamericana: AOL</i> , 2009, 22, 183-9.	0.1	0
49	A minimally invasive smile restoration. A case report describing a multitechnique approach over time. <i>Dentistry Today</i> , 2012, 31, 86-9.	0.1	0
50	An effective external bleaching technique. <i>Dentistry Today</i> , 2014, 33, 156-7.	0.1	0