

Laura E Rodriguez-Vilchis

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

212
citations

1163117

8
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Using self-etch adhesive agents with pit and fissure sealants. In vitro analysis of shear bond strength, adhesive remnant index and enamel etching patterns. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2022, 23, 233-241.	1.9	7
2	The acid resistance, roughness, and microhardness of deciduous enamel induced by Er:YAG laser, fluoride, and combined treatment: an in vitro study. <i>Laser Physics</i> , 2022, 32, 075601.	1.2	1
3	Bond Strength of Adhesive Systems to Calcium Silicate-Based Materials: A Systematic Review and Meta-Analysis of In Vitro Studies. <i>Gels</i> , 2022, 8, 311.	4.5	10
4	Morphological and chemical changes in human deciduous dentin after phosphoric acid, self-etching adhesive and Er: YAG laser conditioning. <i>Microscopy Research and Technique</i> , 2018, 81, 494-501.	2.2	4
5	Adhesion of <i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> on Er:YAG Laser-Irradiated Dental Enamel: Effect of Surface Roughness. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 660-666.	2.0	6
6	Chemical Changes of Enamel Produced by Sodium Fluoride, Hydroxyapatite, Er:YAG Laser, and Combined Treatments. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-7.	1.3	3
7	Changes in deciduous and permanent dentinal tubules diameter after several conditioning protocols: In vitro study. <i>Microscopy Research and Technique</i> , 2018, 81, 865-871.	2.2	6
8	Acid resistance of dental enamel treated with remineralizing agents, Er:YAG laser and combined treatments. <i>Dental and Medical Problems</i> , 2018, 55, 255-259.	2.0	9
9	Microhardness, Structure, and Morphology of Primary Enamel after Phosphoric Acid, Self-Etching Adhesive, and Er:YAG Laser Etching. <i>International Journal of Optics</i> , 2017, 2017, 1-8.	1.4	7
10	Shear bond strength of pit and fissure sealants on permanent teeth after several etching protocols: In vitro study. <i>Dental and Medical Problems</i> , 2017, 54, 253-258.	2.0	0
11	Surface nanomorphology of human dental enamel irradiated with an Er:YAG laser. <i>Laser Physics</i> , 2016, 26, 025601.	1.2	10
12	Chemical and morphological changes in human dentin after Er:YAG laser irradiation: EDS and SEM analysis. <i>Microscopy Research and Technique</i> , 2015, 78, 1019-1025.	2.2	8
13	Chemical Changes Associated with Increased Acid Resistance of Er:YAG Laser Irradiated Enamel. <i>Scientific World Journal, The</i> , 2014, 2014, 1-6.	2.1	12
14	Morphological changes produced by acid dissolution in Er:YAG laser irradiated dental enamel. <i>Microscopy Research and Technique</i> , 2014, 77, 410-414.	2.2	7
15	Morphological and Chemical Changes of Deciduous Enamel Produced by Er:YAG Laser, Fluoride, and Combined Treatment. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 252-259.	2.0	15
16	Morphological, chemical and structural characterisation of deciduous enamel: SEM, EDS, XRD, FTIR and XPS analysis. <i>European Journal of Paediatric Dentistry</i> , 2014, 15, 275-80.	0.6	9
17	Evaluation of Self-Etching Adhesive and Er:YAG Laser Conditioning on the Shear Bond Strength of Orthodontic Brackets. <i>Scientific World Journal, The</i> , 2013, 2013, 1-5.	2.1	15
18	Morphological and Structural Changes on Human Dental Enamel After Er:YAG Laser Irradiation: AFM, SEM, and EDS Evaluation. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 493-500.	2.0	47

#	ARTICLE	IF	CITATIONS
19	Influence of four systems for dental bleaching on the bond strength of orthodontic brackets. Angle Orthodontist, 2011, 81, 700-706.	2.4	4
20	Acid Resistance and Structural Changes of Human Dental Enamel Treated with Er:YAG Laser. Photomedicine and Laser Surgery, 2010, 28, 207-211.	2.0	32