

Roberto Sorrentino

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,705
citations

304743

22
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	From porcelain-fused-to-metal to zirconia: Clinical and experimental considerations. <i>Dental Materials</i> , 2011, 27, 83-96.	3.5	359
2	Current status on lithium disilicate and zirconia: a narrative review. <i>BMC Oral Health</i> , 2019, 19, 134.	2.3	205
3	Fracture resistance of implant-supported screw- versus cement-retained porcelain fused to metal single crowns: SEM fractographic analysis. <i>Dental Materials</i> , 2007, 23, 296-301.	3.5	98
4	“Digitally Oriented Materials” Focus on Lithium Disilicate Ceramics. <i>International Journal of Dentistry</i> , 2016, 2016, 1-10.	1.5	87
5	Fracture Resistance and Failure Patterns of Endodontically Treated Mandibular Molars Restored Using Resin Composite With or Without Translucent Glass Fiber Posts. <i>Journal of Endodontics</i> , 2006, 32, 752-755.	3.1	85
6	Non-linear elastic three-dimensional finite element analysis on the effect of endocrown material rigidity on alveolar bone remodeling process. <i>Dental Materials</i> , 2009, 25, 678-690.	3.5	79
7	In vitro analysis of the fracture resistance of CAD/CAM monolithic zirconia molar crowns with different occlusal thickness. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 61, 328-333.	3.1	73
8	Five-year prospective clinical study of posterior three-unit zirconia-based fixed dental prostheses. <i>Clinical Oral Investigations</i> , 2012, 16, 977-985.	3.0	72
9	In vitro Evaluation of the Marginal Fit and Internal Adaptation of Zirconia and Lithium Disilicate Single Crowns: Micro-CT Comparison Between Different Manufacturing Procedures. <i>Open Dentistry Journal</i> , 2018, 12, 160-172.	0.5	58
10	Zirconia-reinforced lithium silicate (ZLS) mechanical and biological properties: A literature review. <i>Journal of Dentistry</i> , 2021, 109, 103661.	4.1	48
11	Complications of endodontically treated teeth restored with fiber posts and single crowns or fixed dental prostheses—a systematic review. <i>Clinical Oral Investigations</i> , 2016, 20, 1449-1457.	3.0	45
12	Proliferation and adhesion capability of human gingival fibroblasts onto zirconia, lithium disilicate and feldspathic veneering ceramic in vitro. <i>Dental Materials Journal</i> , 2014, 33, 7-15.	1.8	33
13	Dynamometric assessment of the mechanical resistance of porcelain veneers related to tooth preparation: A comparison between two techniques. <i>Journal of Prosthetic Dentistry</i> , 2006, 95, 354-363.	2.8	29
14	Clinical Evaluation of the Influence of Connection Type and Restoration Height on the Reliability of Zirconia Abutments: A Retrospective Study on 965 Abutments with a Mean 6-Year Follow-Up. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017, 37, 19-31.	1.0	29
15	The Role of Digital Devices in Dentistry: Clinical Trends and Scientific Evidences. <i>Journal of Clinical Medicine</i> , 2020, 9, 1692.	2.4	29
16	Nonlinear viscoelastic finite element analysis of different porcelain veneers configuration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 727-736.	3.4	26
17	Clinical Evaluation of 209 All-Ceramic Single Crowns Cemented on Natural and Implant-Supported Abutments with Different Luting Agents: A 6-Year Retrospective Study. <i>Clinical Implant Dentistry and Related Research</i> , 2012, 14, 184-197.	3.7	26
18	Stress distribution of bulk-fill resin composite in class II restorations. <i>American Journal of Dentistry</i> , 2017, 30, 227-232.	0.1	25

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19	Accuracy of a chairside intraoral scanner compared with a laboratory scanner for the completely edentulous maxilla: An inÂvitro 3-dimensional comparative analysis. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 761.e1-761.e7.	2.8	23
20	Current Knowledge, Attitudes, and Practice among Health Care Providers in OSCC Awareness: Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4506.	2.6	23
21	Effect of post-retained composite restorations and amount of coronal residual structure on the fracture resistance of endodontically-treated teeth. <i>American Journal of Dentistry</i> , 2007, 20, 269-74.	0.1	23
22	Retrospective Clinical Evaluation of 86 Procera AllCeramâ„¢ Anterior Single Crowns on Natural and Implant-Supported Abutments. <i>Clinical Implant Dentistry and Related Research</i> , 2005, 7, s95-s102.	3.7	22
23	Reliability of computer designed surgical guides in six implant rehabilitations with two years follow-up. <i>Dental Materials</i> , 2012, 28, e168-e177.	3.5	22
24	Increasing the Vertical Dimension of Occlusion: A Multicenter Retrospective Clinical Comparative Study on 100 Patients with Fixed Tooth-Supported, Mixed, and Implant-Supported Full-Arch Rehabilitations. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018, 38, 323-335.	1.0	22
25	Combined microcomputed tomography, biomechanical and histomorphometric analysis of the peri-implant bone: a pilot study in minipig model. <i>Dental Materials</i> , 2016, 32, 794-806.	3.5	19
26	Fracture Strength of Zirconia and Alumina Ceramic Crowns Supported by Implants. <i>Journal of Oral Implantology</i> , 2015, 41, 352-359.	1.0	16
27	Comparison of different intraoral scanning techniques on the completely edentulous maxilla: An inÂvitro 3-dimensional comparative analysis. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 762.e1-762.e8.	2.8	16
28	Fourteen-year evaluation of posterior zirconia-based three-unit fixed dental prostheses. <i>Journal of Dentistry</i> , 2020, 101, 103419.	4.1	16
29	Effects of Finish Line Design and Fatigue Cyclic Loading on Phase Transformation of Zirconia Dental Ceramics: A Qualitative Micro-Raman Spectroscopic Analysis. <i>Materials</i> , 2019, 12, 863.	2.9	14
30	Optical behaviors, surface treatment, adhesion, and clinical indications of zirconia-reinforced lithium silicate (ZLS): A narrative review. <i>Journal of Dentistry</i> , 2021, 112, 103722.	4.1	14
31	Nonlinear visco-elastic finite element analysis of porcelain veneers: a submodelling approach to strain and stress distributions in adhesive and resin cement. <i>Journal of Adhesive Dentistry</i> , 2010, 12, 403-13.	0.5	14
32	Short-term clinical performance of zirconia single crowns with different framework designs: 3-year clinical trial. <i>American Journal of Dentistry</i> , 2015, 28, 235-40.	0.1	14
33	Effect of the length of glass fiber posts on the fracture resistance of restored maxillary central incisors. <i>American Journal of Dentistry</i> , 2012, 25, 79-83.	0.1	12
34	Evaluating Residual Dentin Thickness Following Various Mandibular Anterior Tooth Preparations for Zirconia Full-Coverage Single Crowns: An In Vitro Analysis. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2015, 35, 41-47.	1.0	7
35	Accuracy of Three Impression Materials on the Totally Edentulous Maxilla: In Vitro/In Silico Comparative Analysis. <i>Materials</i> , 2020, 13, 515.	2.9	7
36	Evaluation of satisfaction perceived by prosthetic patients compared to clinical and technical variables. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2018, 8, 252.	1.0	4

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37	Human Papilloma Virus Vaccination and Oropharyngeal Cancer: Knowledge, Perception and Attitude among Italian Pediatric Dentists. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 790.	2.6	3
38	Case-specific finite element analysis of dental CAD/CAM prostheses to identify design flaws prior to manufacture. <i>American Journal of Dentistry</i> , 2016, 29, 339-344.	0.1	3
39	Dentin Exposure after Tooth Preparation for Laminate Veneers: A Microscopical Analysis to Evaluate the Influence of Operators' Expertise. <i>Materials</i> , 2022, 15, 1763.	2.9	3
40	New Biomimetic Hybrid Nanocomposites for early Fixation Prostheses. <i>Advanced Materials Research</i> , 2015, 1088, 487-494.	0.3	1
41	SEM evaluation of human gingival fibroblasts growth onto CAD/CAM zirconia and veneering ceramic for zirconia. <i>Annali Di Stomatologia</i> , 2013, 4, 244-9.	0.6	1
42	A randomized controlled clinical trial of two types of lithium disilicate partial crowns. <i>American Journal of Dentistry</i> , 2020, 33, 291-295.	0.1	0
43	CAD/CAM Diagnostic Esthetic Functional Splint (DEFS) as a Removable Prototype to Evaluate the Final Prosthetic Rehabilitation: A Narrative Review. <i>Prosthesis</i> , 2022, 4, 136-150.	2.9	0