

Chris Rahiotis

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,658
citations

430442

18
h-index

288905

40
g-index

43
all docs

43
docs citations

43
times ranked

1878
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of surface characteristics of dental composites using profilometry, scanning electron, atomic force microscopy and gloss-meter. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 155-163.	1.7	227
2	Corticosterone-regulated actions in the rat brain are affected by perinatal exposure to low dose of bisphenol A. <i>Neuroscience</i> , 2010, 167, 741-749.	1.1	153
3	Effect of a CPP-ACP agent on the demineralization and remineralization of dentine in vitro. <i>Journal of Dentistry</i> , 2007, 35, 695-698.	1.7	150
4	Parallels between Tooth Development and Repair: Conserved Molecular Mechanisms following Carious and Dental Injury. <i>Journal of Dental Research</i> , 2004, 83, 896-902.	2.5	114
5	The effect of different light-curing units on fatigue behavior and degree of conversion of a resin composite. <i>Dental Materials</i> , 2005, 21, 608-615.	1.6	105
6	Curing efficiency of various types of light-curing units. <i>European Journal of Oral Sciences</i> , 2004, 112, 89-94.	0.7	81
7	The effect of resin composite pre-heating on monomer conversion and polymerization shrinkage. <i>Dental Materials</i> , 2009, 25, 514-519.	1.6	79
8	3D-marginal adaptation versus setting shrinkage in light-cured microhybrid resin composites. <i>Dental Materials</i> , 2007, 23, 272-278.	1.6	72
9	Diagnostic performance of the visual caries classification system ICDAS II versus radiography and micro-computed tomography for proximal caries detection: An in vitro study. <i>Journal of Dentistry</i> , 2010, 38, 859-867.	1.7	68
10	Characterization of oral films formed in the presence of a CPP-ACP agent: An in situ study. <i>Journal of Dentistry</i> , 2008, 36, 272-280.	1.7	59
11	Wear and morphology of infiltrated white spot lesions. <i>Journal of Dentistry</i> , 2011, 39, 376-385.	1.7	54
12	Evaluation of a new fluorescence-based device in the detection of incipient occlusal caries lesions. <i>Lasers in Medical Science</i> , 2013, 28, 193-201.	1.0	51
13	In vitro characterization of two laboratory-processed resin composites. <i>Dental Materials</i> , 2003, 19, 393-398.	1.6	49
14	Clinical effectiveness of two agents on the treatment of tooth cervical hypersensitivity. <i>American Journal of Dentistry</i> , 2005, 18, 291-5.	0.1	34
15	Detection Methods for Early Caries Diagnosis: A Systematic Review and Meta-Analysis. <i>Caries Research</i> , 2021, 55, 247-259.	0.9	33
16	Curing efficiency of high-intensity light-emitting diode (LED) devices. <i>Journal of Oral Science</i> , 2010, 52, 187-195.	0.7	31
17	The Impact of Magnification on Occlusal Caries Diagnosis with Implementation of the ICDAS II Criteria. <i>Caries Research</i> , 2012, 46, 82-86.	0.9	28
18	Effect of various curing lights on the degree of cure of orthodontic adhesives. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 132, 382-384.	0.8	25

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19	European Organization for Caries Research Workshop: Methodology for Determination of Potentially Available Fluoride in Toothpastes. <i>Caries Research</i> , 2019, 53, 119-136.	0.9	19
20	Probiotics, Prebiotics, Synbiotics and Dental Caries. New Perspectives, Suggestions, and Patient Coaching Approach for a Cavity-Free Mouth. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5472.	1.3	19
21	Effectiveness of an in-office arginine-calcium carbonate paste on dentine hypersensitivity in periodontitis patients: a double-blind, randomized controlled trial. <i>Journal of Clinical Periodontology</i> , 2015, 42, 37-45.	2.3	18
22	Setting characteristics of a resin infiltration system for incipient caries treatment. <i>Journal of Dentistry</i> , 2015, 43, 715-719.	1.7	16
23	Automated caries detection in vivo using a 3D intraoral scanner. <i>Scientific Reports</i> , 2021, 11, 21276.	1.6	16
24	Marginal and internal adaptation of Class II ormocer and hybrid resin composite restorations before and after load cycling. <i>Clinical Oral Investigations</i> , 2004, 8, 123-9.	1.4	15
25	Cervical dentin hypersensitivity: a cross-sectional investigation in Athens, Greece. <i>Journal of Oral Rehabilitation</i> , 2013, 40, 948-957.	1.3	15
26	Evaluation of dental explorer and visual inspection for the detection of residual caries among Greek dentists. <i>Journal of Conservative Dentistry</i> , 2018, 21, 311.	0.3	15
27	Decision-making and preventive non-surgical therapy in the context of a European Core Curriculum in Cariology. <i>European Journal of Dental Education</i> , 2011, 15, 32-39.	1.0	14
28	The Effects of Physical Exercise on Saliva Composition: A Comprehensive Review. <i>Dentistry Journal</i> , 2022, 10, 7.	0.9	13
29	Deep Margin Elevation: A Literature Review. <i>Dentistry Journal</i> , 2022, 10, 48.	0.9	13
30	Chair-side saliva diagnostic tests: An evaluation tool for xerostomia and caries risk assessment in children with type 1 diabetes. <i>Journal of Dentistry</i> , 2020, 93, 103224.	1.7	11
31	Changes in saliva characteristics and carious status related to metabolic control in patients with type 2 diabetes mellitus. <i>Journal of Dentistry</i> , 2021, 108, 103629.	1.7	9
32	Downregulation of Salivary Proteins, Protective against Dental Caries, in Type 1 Diabetes. <i>Proteomes</i> , 2021, 9, 33.	1.7	8
33	A clinical guideline for caries infiltration of proximal enamel lesions with resins. <i>British Dental Journal</i> , 2018, 225, 299-304.	0.3	7
34	In vitro marginal adaptation of high-viscosity resin composite restorations bonded to dentin cavities. <i>Journal of Adhesive Dentistry</i> , 2004, 6, 49-53.	0.3	7
35	Attitudes toward Vaccinations and Vaccination Coverage Rates among Dental Students in Greece. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2879.	1.2	7
36	Impact of Aligners and Fixed Appliances on Oral Health during Orthodontic Treatment: A Systematic Review and Meta-Analysis. <i>Oral Health & Preventive Dentistry</i> , 2021, 19, 659-672.	0.3	7

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37	Early responses of human pulp to direct capping with resin adhesive systems and calcium hydroxide. <i>Dental Materials</i> , 2018, 34, e73-e82.	1.6	5
38	Degree of Cure and Monomer Leaching from Orthodontic Adhesive Resins: In Vitro and in Vivo Evidence. <i>Seminars in Orthodontics</i> , 2010, 16, 266-273.	0.8	4
39	In vivo validation of Diagnodent and Vista proof devices vs ICDAS clinical criteria on incipient carious lesions in adults. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102252.	1.3	3
40	Comparative Evaluation of Chair-Side Saliva Tests According to Current Dental Status in Adult Patient. <i>Dentistry Journal</i> , 2021, 9, 10.	0.9	2
41	Clinical Evaluation of Two Different Prevention Programs in Adults Depending on Their Caries Risk Profile: One-year Results. <i>Operative Dentistry</i> , 2019, 44, 127-137.	0.6	1
42	In vitro Assessment of Coronal Discoloration from Endodontic Sealers. <i>Al-Rafidain Dental Journal</i> , 2020, 20, 177-182.	0.1	1