Vesna Miletic Bds

List of Publications by Year
in descending order

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67 papers	1,249 citations	304743 22 h-index	377865 34 g-index
68 all docs	68 docs citations	68 times ranked	1338 citing authors

#	Article	IF	Citations
1	Degree of conversion and microhardness of TPO-containing resin-based composites cured by polywave and monowave LED units. Journal of Dentistry, 2012, 40, 577-584.	4.1	103
2	Micro-Raman spectroscopic analysis of the degree of conversion of composite resins containing different initiators cured by polywave or monowave LED units. Journal of Dentistry, 2012, 40, 106-113.	4.1	73
3	Curing characteristics of flowable and sculptable bulk-fill composites. Clinical Oral Investigations, 2017, 21, 1201-1212.	3.0	72
4	Comparison of the hybrid layer formed by Silorane adhesive, one-step self-etch and etch and rinse systems using confocal micro-Raman spectroscopy and SEM. Journal of Dentistry, 2008, 36, 683-691.	4.1	70
5	Monomer elution from nanohybrid and ormocer-based composites cured with different light sources. Dental Materials, 2011, 27, 371-378.	3.5	69
6	Quantification of monomer elution and carbonâ€“carbon double bonds in dental adhesive systems using HPLC and micro-Raman spectroscopy. Journal of Dentistry, 2009, 37, 177-184.	4.1	54
7	Quantitative micro-Raman assessment of dentine demineralization, adhesive penetration, and degree of conversion of three dentine bonding systems. European Journal of Oral Sciences, 2008, 116, 177-183.	1.5	50
8	Remaining unreacted methacrylate groups in resinâ€based composite with respect to sample preparation and storing conditions using microâ€Raman spectroscopy. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 87B, 468-474.	3.4	45
9	Effect of resin and photoinitiator on color, translucency and color stability of conventional and low-shrinkage model composites. Dental Materials, 2016, 32, 183-191.	3.5	44
10	Degree of conversion and monomer elution of CQ/amine and TPO adhesives. Dental Materials, 2014, 30, 695-701.	3.5	36
11	Local deformation fields and marginal integrity of sculptable bulk-fill, low-shrinkage and conventional composites. Dental Materials, 2016, 32, 1441-1451.	3.5	36
12	A Study of Temperature Rise in the Pulp Chamber during Composite Polymerization with Different Light-curing Units. Journal of Contemporary Dental Practice, 2007, 8, 29-37.	0.5	34
13	Cytotoxicity and genotoxicity of a low-shrinkage monomer and monoacylphosphine oxide photoinitiator: Comparative analyses of individual toxicity and combination effects in mixtures. Dental Materials, 2017, 33, 454-466.	3.5	33
14	Immediate and Long-Term Porosity of Calcium Silicateâ€“Based Sealers. Journal of Endodontics, 2020, 46, 515-523.	3.1	31
15	Monomer-to-polymer conversion and micro-tensile bond strength to dentine of experimental and commercial adhesives containing diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide or a camphorquinone/amine photo-initiator system. Journal of Dentistry, 2013, 41, 918-926.	4.1	30
16	Effects of a low-shrinkage methacrylate monomer and monoacylphosphine oxide photoinitiator on curing efficiency and mechanical properties of experimental resin-based composites. Materials Science and Engineering C, 2016, 58, 487-494.	7.3	28
17	Temperature Rise Within the Pulp Chamber During Composite Resin Polymerisation Using Three Different Light Sources. Open Dentistry Journal, 2008, 2, 137-141.	0.5	28
18	Effect of hydroxyapatite spheres, whiskers, and nanoparticles on mechanical properties of a model BisGMA/TEGDMA composite initially and after storage. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101, 1469-1476.	3.4	27

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19	Optimizing the concentration of 2,4,6-trimethylbenzoyldiphenylphosphine oxide initiator in composite resins in relation to monomer conversion. Dental Materials Journal, 2012, 31, 717-723.	1.8	26
20	Composite nanostructured hydroxyapatite/yttrium stabilized zirconia dental inserts â€“ The processing and application as dentin substitutes. Ceramics International, 2018, 44, 18200-18208.	4.8	26
21	Temperature Changes in Siloraneâ€, Ormocerâ€, and Dimethacrylateâ€Based Composites and Pulp Chamber Roof during Lightâ€Curing. Journal of Esthetic and Restorative Dentistry, 2009, 21, 122-131.	3.8	25
22	Pulp Chamber Temperature Rise During Curing of Resin-Based Composites with Different Light-Curing Units. Primary Dental Care, 2008, 15, 33-38.	0.3	24
23	Evaluation of Staining-Dependent Colour Changes in Resin Composites Using Principal Component Analysis. Scientific Reports, 2015, 5, 14638.	3.3	24
24	Optical properties of composite restorations influenced by dissimilar dentin restoratives. Dental Materials, 2018, 34, 737-745.	3.5	24
25	Biocompatibility of new nanostructural materials based on active silicate systems and hydroxyapatite: in vitro and in vivo study. International Endodontic Journal, 2015, 48, 966-975.	5.0	19
26	Effects of non-thermal atmospheric plasma treatment on dentin wetting and surface free energy for application of universal adhesives. Clinical Oral Investigations, 2019, 23, 1383-1396.	3.0	18
27	Mathematical modeling of crossâ€linking monomer elution from resinâ€based dental composites. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 61-67.	3.4	17
28	Bond strength of restorative materials to hydroxyapatite inserts and dimensional changes of insert-containing restorations during polymerization. Dental Materials, 2015, 31, 171-181.	3.5	17
29	Refractive indices of unfilled resin mixtures and cured composites related to color and translucency of conventional and lowâ€shrinkage composites. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 7-13.	3.4	17
30	Color stability of bulkâ€fill and universal composite restorations with dissimilar dentin replacement materials. Journal of Esthetic and Restorative Dentistry, 2019, 31, 520-528.	3.8	15
31	Clinical reproducibility of three electronic apex locators. International Endodontic Journal, 2011, 44, 769-776.	5.0	12
32	Effect of Evaporation on the Shelf Life of a Universal Adhesive. Operative Dentistry, 2014, 39, 500-507.	1.2	12
33	Shear bond strength to dentine of dental adhesives containing hydroxyapatite nano-fillers. Journal of Adhesion Science and Technology, 2016, 30, 2678-2689.	2.6	11
34	Clinical and CBCT-based diagnosis of furcation involvement in patients with severe periodontitis. Quintessence International, 2015, 46, 863-70.	0.4	11
35	Microtensile bond strength of universal adhesives to flat versus Class I cavity dentin with pulpal pressure simulation. Journal of Esthetic and Restorative Dentistry, 2018, 30, 240-248.	3.8	8
36	Effect of the Degree of Conversion on Mechanical Properties and Monomer Elution from Self-, Dual- and Light-Cured Core Composites. Materials, 2021, 14, 5642.	2.9	8

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37	Accuracy of three electronic apex locators in determining the apical foramen in multi-rooted teeth: Randomised clinical and laboratory study. Australian Endodontic Journal, 2015, 41, 35-43.	1.5	7
38	Multifactorial analysis of optical properties, sorption, and solubility of sculptable universal composites for enamel layering upon staining in colored beverages. Journal of Esthetic and Restorative Dentistry, 2021, 33, 943-952.	3.8	6
39	Degree of conversion of three fissure sealants cured by different light curing units using micro-Raman spectroscopy. Journal of Dental Sciences, 2012, 7, 26-32.	2.5	5
40	Clinical efficiency of a sodium perborate - hydrogen peroxide mixture for intracoronal non-vital teeth bleaching. Srpski Arhiv Za Celokupno Lekarstvo, 2020, 148, 24-30.	0.2	5
41	Micro-raman assessment of the ratio of carbon-carbon double bonds of two adhesive systems cured with LED or halogen light-curing units. Journal of Adhesive Dentistry, 2010, 12, 461-7.	0.5	5
42	Development of Dental Composites. , 2018, , 3-9.		4
43	Low-Shrinkage Composites. , 2018, , 97-112.		4
44	Effects of whitening gels on color and surface properties of a microhybrid and nanohybrid composite. Dental Materials Journal, 2021, 40, 1380-1387.	1.8	4
45	Analysis of Composite Shrinkage Stresses on 3D Premolar Models with Different Cavity Design Using Finite Element Method. Key Engineering Materials, 2013, 586, 202-205.	0.4	3
46	Dissimilar sintered calcium phosphate dental inserts as dentine substitutes: Shear bond strength to restorative materials. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2461-2470.	3.4	3
47	Effects of non-thermal atmospheric plasma on dentin wetting and adhesive bonding efficiency: Systematic review and meta-analysis. Journal of Dentistry, 2021, 112, 103765.	4.1	3
48	Water uptake and solubility of Acroseal sealer in comparison with Apexit and AH Plus sealers in Hankâ€™s solution. Srpski Arhiv Za Celokupno Lekarstvo, 2011, 139, 579-582.	0.2	3
49	The effect of calcinated hydroxyapatite and magnesium doped hydroxyapatite as fillers on the mechanical properties of a model BisGMA/TEGDMA dental composite initially and after aging. Metallurgical and Materials Engineering, 2018, 24, .	0.5	3
50	Effects of bioflavonoid-containing mouth rinses on optical properties of tooth-coloured dental restorative materials. Scientific Reports, 2022, 12, .	3.3	3
51	Analysis of the strain and hardness in self-cured and light-cured self-adhesive resin based cement. Journal of Adhesion Science and Technology, 2019, 33, 2684-2695.	2.6	2
52	Dental education of left-handed students. Serbian Dental Journal, 2006, 53, 138-143.	0.2	2
53	Sensitivity of composite materials to ambient light and clinical working time. Serbian Dental Journal, 2012, 59, 190-197.	0.2	2
54	Fluoride release from conventional, resin-modified and hybrid glass ionomer cements. Serbian Dental Journal, 2018, 65, 187-194.	0.2	2

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55	Bonding to Tooth Tissues. , 2018, , 199-218.		1
56	Radiographie evaluation of restaurations of endodontically treated teeth with individual post. Serbian Dental Journal, 2002, 49, 14-19.	0.2	1
57	Analysis of local shrinkage patterns of self-adhering and flowable composites using 3D digital image correlation. Quintessence International, 2011, 42, 797-804.	0.4	1
58	Calculation of Maximum Tensile and Shear Forces in Restorative Materials Using Finite Element Method. Key Engineering Materials, 0, 601, 151-154.	0.4	0
59	Materials and Bioactive Factors in Dental Restoration and Periodontal Therapy. International Journal of Dentistry, 2016, 2016, 1-2.	1.5	0
60	Effects of the light tip position on the degree of conversion and dentin bond strength of a universal adhesive. Srpski Arhiv Za Celokupno Lekarstvo, 2021, 149, 149-154.	0.2	0
61	Computer literacy and access to the Internet among dental students. Serbian Dental Journal, 2004, 51, 97-102.	0.2	0
62	Practice-based Research in Contemporary Dental Practice. Journal of Contemporary Dental Practice, 2011, 12, 0-0.	0.5	0
63	Posterior composite restorations: Theoretical and practical teaching of undergraduate students in Serbia and abroad. Serbian Dental Journal, 2013, 60, 129-138.	0.2	0
64	Temperature changes in the pulp chamber induced by polymerization of resin-based dental restoratives following simulated direct pulp capping. Hemijska Industrija, 2019, 73, 239-248.	0.7	0
65	Surface Modification of Dental Materials and Hard Tissues Using Nonthermal Atmospheric Plasma. Lecture Notes in Networks and Systems, 2020, , 119-138.	0.7	0
66	Î±-tricalcium phosphate/fluorapatite-based cement - promising dental root canal filling material. Processing and Application of Ceramics, 2022, 16, 22-29.	0.8	0
67	A Retrospective Clinical Study on Factors Influencing the Failure of NCCL Restorations. International Journal of Dentistry, 2022, 2022, 1-7.	1.5	0