

# Ivana Miletic

## List of Publications by Year in descending order

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76  
papers

1,321  
citations

331670

21  
h-index

395702

33  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Tumor Necrosis Factor $\hat{\pm}$ in Normal and Inflamed Human Dental Pulp. Archives of Medical Research, 2002, 33, 482-484.	3.3	116
2	The Cytotoxicity of RoekoSeal and AH Plus Compared during Different Setting Periods. Journal of Endodontics, 2005, 31, 307-309.	3.1	79
3	3D finite element model and cervical lesion formation in normal occlusion and in malocclusion. Journal of Oral Rehabilitation, 2005, 32, 504-510.	3.0	65
4	Erbium: YAG Laser versus Ultrasonic in Preparation of Root-End Cavities. Journal of Endodontics, 2005, 31, 821-823.	3.1	59
5	Removal of gutta-percha from root canals using an Nd:YAG laser. International Endodontic Journal, 2003, 36, 670-673.	5.0	55
6	Prevalence of root dilaceration in adult dental patients in Croatia. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 102, 104-109.	1.4	54
7	Comparison of Er:YAG Laser and Surgical Drill for Osteotomy in Oral Surgery: An Experimental Study. Journal of Oral and Maxillofacial Surgery, 2012, 70, 2515-2521.	1.2	45
8	Leakage of five root canal sealers. International Endodontic Journal, 1999, 32, 415-418.	5.0	43
9	Apical Leakage of Five Root Canal Sealers After One Year of Storage. Journal of Endodontics, 2002, 28, 431-432.	3.1	42
10	Tumor Necrosis Factor-Alpha and Interleukin 6 in Human Periapical Lesions. Mediators of Inflammation, 2007, 2007, 1-4.	3.0	39
11	Salivary Levels of TNF- $\hat{\pm}$ and IL-6 in Patients with Denture Stomatitis Before and After Laser Phototherapy. Photomedicine and Laser Surgery, 2010, 28, 189-193.	2.0	33
12	Cytotoxic effect of four root filling materials. Dental Traumatology, 2000, 16, 287-290.	2.0	32
13	Incidence of oral habits in children with mixed dentition. Journal of Oral Rehabilitation, 2002, 29, 902-905.	3.0	31
14	<i>In vitro</i> genotoxicity of root canal sealers. International Endodontic Journal, 2009, 42, 253-263.	5.0	31
15	Estrogen receptors in human pulp tissue. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 95, 340-344.	1.4	28
16	Consensus on glass-ionomer cement thresholds for restorative indications. Journal of Dentistry, 2021, 107, 103609.	4.1	25
17	Examination of cytotoxicity and mutagenicity of AH26 and AH Plus sealers. International Endodontic Journal, 2003, 36, 330-335.	5.0	23
18	The Temperature Changes in the Pulp Chamber During Cavity Preparation with the Er:YAG Laser Using a Very Short Pulse. Photomedicine and Laser Surgery, 2009, 27, 351-355.	2.0	23

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19	Evaluation of cytotoxic and genotoxic effects of two resin-based root-canal sealers and their components on human leucocytes in vitro. <i>International Endodontic Journal</i> , 2011, 44, 652-661.	5.0	23
20	Push-out bond strength of three different calcium silicate-based root-end filling materials after ultrasonic retrograde cavity preparation. <i>Clinical Oral Investigations</i> , 2018, 22, 1559-1565.	3.0	23
21	Assessment of the Impact of the Addition of Nanoparticles on the Properties of Glass-Ionomer Cements. <i>Materials</i> , 2020, 13, 276.	2.9	23
22	Bacterial and fungal microleakage of AH26 and AH Plus root canal sealers. <i>International Endodontic Journal</i> , 2002, 35, 428-432.	5.0	22
23	Survey of Croatian Dentists' Restorative Treatment Decisions on Approximal Caries Lesions. <i>Croatian Medical Journal</i> , 2010, 51, 509-514.	0.7	21
24	Influence of Different Pulse Durations of Er:YAG Laser Based on Variable Square Pulse Technology on Microtensile Bond Strength of a Self-Etch Adhesive to Dentin. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 116-124.	2.0	20
25	Fluoride Release from Glass Ionomer with Nano Filled Coat and Varnish. <i>Acta Stomatologica Croatica</i> , 2018, 52, 307-313.	1.0	20
26	In vitro study of the variable square pulse Er:YAG laser cutting efficacy for apicectomy. <i>Lasers in Surgery and Medicine</i> , 2005, 36, 347-350.	2.1	19
27	Active versus passive microleakage of Resilon/Epiphany and gutta-percha/AH Plus. <i>Australian Endodontic Journal</i> , 2011, 37, 141-146.	1.5	19
28	Ablative Potential of the Erbium-Doped Yttrium Aluminium Garnet Laser and Conventional Handpieces: A Comparative Study. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 921-927.	2.0	17
29	Tumor Necrosis Factor-Alpha in Periapical Tissue Exudates of Teeth with Apical Periodontitis. <i>Mediators of Inflammation</i> , 2007, 2007, 1-4.	3.0	16
30	Association between oral lichenoid reactions and amalgam restorations. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2008, 22, 1163-1167.	2.4	15
31	The Mutagenic Potential of AH+ and AH26 by Salmonella/Microsome Assay. <i>Journal of Endodontics</i> , 2000, 26, 321-324.	3.1	13
32	Effect of Nano-Filled Protective Coating and Different pH Environment on Wear Resistance of New Glass Hybrid Restorative Material. <i>Materials</i> , 2021, 14, 755.	2.9	13
33	Comparison of mechanical and optical properties of a newly marketed universal composite resin with contemporary universal composite resins: An in vitro study. <i>Microscopy Research and Technique</i> , 2022, 85, 1171-1179.	2.2	13
34	Mechanical properties and water sorption of two experimental glass ionomer cements with hydroxyapatite or calcium fluorapatite formulation. <i>Dental Materials Journal</i> , 2019, 38, 471-479.	1.8	12
35	The Effects of Three Remineralizing Agents on the Microhardness and Chemical Composition of Demineralized Enamel. <i>Materials</i> , 2021, 14, 6051.	2.9	12
36	The Composite Quality Score (CQS) as a trial appraisal tool: inter-rater reliability and rating time. <i>Clinical Oral Investigations</i> , 2021, 25, 6015-6023.	3.0	11

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37	Clinical Performance of a Glass-Hybrid System Compared with a Resin Composite in the Posterior Region: Results of a 2-year Multicenter Study. <i>Journal of Adhesive Dentistry</i> , 2020, 22, 235-247.	0.5	11
38	Vibrations produced during erbium:yttrium-aluminum-garnet laser irradiation. <i>Lasers in Medical Science</i> , 2009, 24, 697-701.	2.1	10
39	Ablative Potential of Four Different Pulses of Er:YAG Lasers and Low-Speed Hand Piece. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 301-307.	2.0	10
40	Efficacy of removal of cariogenic bacteria and carious dentin by ablation using different modes of Er:YAG lasers. <i>Brazilian Journal of Medical and Biological Research</i> , 2018, 51, e6872.	1.5	10
41	The impact of fissure depth and enamel conditioning protocols on glass-ionomer and resin-based fissure sealant penetration. <i>Journal of Adhesive Dentistry</i> , 2011, 13, 171-8.	0.5	10
42	Compressive Strength of New Glass Ionomer Cement Technology based Restorative Materials after Thermocycling and Cyclic Loading. <i>Acta Stomatologica Croatica</i> , 2019, 53, 318-325.	1.0	9
43	Cost-effectiveness of glass hybrid versus composite in a multi-country randomized trial. <i>Journal of Dentistry</i> , 2021, 107, 103614.	4.1	8
44	Vertical force and torque analysis during mechanical preparation of extracted teeth using hand ProTaper instruments. <i>Australian Endodontic Journal</i> , 2011, 37, 51-55.	1.5	7
45	Cytotoxicity of Two Bioactive Root Canal Sealers. <i>Acta Stomatologica Croatica</i> , 2016, 50, 8-13.	1.0	7
46	Mechanical Properties of Glass Ionomer Cements after Incorporation of Marine Derived Hydroxyapatite. <i>Materials</i> , 2020, 13, 3542.	2.9	7
47	Cytotoxicity and Genotoxicity of Resin Based Dental Materials in Human Lymphocytes in Vitro. <i>Acta Clinica Croatica</i> , 2018, 57, 278-285.	0.2	6
48	Commercially Available Ion-Releasing Dental Materials and Cavitated Carious Lesions: Clinical Treatment Options. <i>Materials</i> , 2021, 14, 6272.	2.9	6
49	COVID-19 and Oral Surgery: A narrative review of preoperative mouth rinses. <i>Acta Stomatologica Croatica</i> , 2020, 54, 431-441.	1.0	6
50	Influence of calcium hydroxide root-canal sealer on microbial growth in vitro. <i>Folia Microbiologica</i> , 2002, 47, 458-460.	2.3	5
51	Effect of photon induced photoacoustic streaming (PIPS) on bond strength to dentine of two root canal filling materials. <i>Lasers in Surgery and Medicine</i> , 2016, 48, 951-954.	2.1	5
52	Influence of Laser Activated Irrigation with Erbium Lasers on Bond Strength of Individually Formed Fiber Reinforced Composite Posts to Root Canal Dentin. <i>Acta Stomatologica Croatica</i> , 2016, 50, 321-328.	1.0	5
53	Antibacterial Activity and Biofilm Inhibition of New-Generation Hybrid/Fluoride-Releasing Restorative Materials. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2434.	2.5	5
54	Shear bond strengths of two newly marketed self-adhesive resin cements to different substrates: A light and scanning electron microscopy evaluation. <i>Microscopy Research and Technique</i> , 2022, 85, 1694-1702.	2.2	5

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55	The Effect of a Green Smoothie on Microhardness, Profile Roughness and Color Change of Dental Restorative Materials. <i>Polymers</i> , 2022, 14, 2067.	4.5	5
56	Leakage of Bovine Serum Albumin in Root Canals Obturated with Super-EBA and IRM. <i>Journal of Endodontics</i> , 2006, 32, 368-371.	3.1	4
57	InÂvitro retention of prefabricated and individually formed posts: A pilot study. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 553-557.	2.8	4
58	Bond Strength of Individually Formed and Prefabricated Fiber-reinforced Composite Posts. <i>Journal of Adhesive Dentistry</i> , 2019, 21, 557-565.	0.5	4
59	Ablative Potential of Er:YAG Laser in Dentin: Quantum Versus Variable Square Pulse. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 215-220.	2.0	3
60	The Influence of Resin Infiltration Pretreatment on Orthodontic Bonding to Demineralized Human Enamel. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3619.	2.5	3
61	Assessment of damage of Endodontic Instruments with Naked Eye and Optical Instruments. <i>Acta Stomatologica Croatica</i> , 2021, 55, 129-136.	1.0	3
62	Long-term cost-effectiveness of glass hybrid versus composite in permanent molars. <i>Journal of Dentistry</i> , 2021, 112, 103751.	4.1	3
63	Efficacy of Reciprocating Instruments in the Removal of Bioceramic and Epoxy Resin-Based Sealers: Micro-CT Analysis. <i>Materials</i> , 2021, 14, 6670.	2.9	3
64	Comparison of vertical forces during root canal filling with three different obturation techniques. <i>Collegium Antropologicum</i> , 2013, 37, 895-9.	0.2	3
65	Influence of different laser-assisted retrograde cavity preparation techniques on bond strength of bioceramic-based material to root dentine. <i>Lasers in Medical Science</i> , 2020, 35, 173-179.	2.1	2
66	Effects of Incorporation of Marine Derived Hydroxyapatite on the Microhardness, Surface Roughness, and Fluoride Release of Two Glass-Ionomer Cements. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11027.	2.5	2
67	Comparison of different root canal sealers: cytotoxicity and the type of induced cell death. <i>Stomatologie</i> , 2009, 106, 47-51.	0.0	1
68	Advanced Applications of the Er:YAG Laser in Oral and Maxillofacial Surgery. , 2015, , .		1
69	Microtensile Bond Strength of Fiber-Reinforced and Particulate Filler Composite to Coronal and Pulp Chamber Floor Dentin. <i>Materials</i> , 2021, 14, 2400.	2.9	1
70	Antimicrobial effect of 0.2% chlorhexidine in infected root canals. <i>Collegium Antropologicum</i> , 2009, 33, 1159-63.	0.2	1
71	Carie dentaria e interventi altamente conservativi: la Minimum Intervention Dentistry (MID). <i>Dental Cadmos</i> , 2018, 86, 25.	0.1	0
72	La carie dentaria in etÃ pediatrica: considerazioni per un piano di trattamento sempre efficace. <i>Dental Cadmos</i> , 2018, 86, 184.	0.1	0

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73	La preservazione della vitalità dentaria: un obiettivo fondamentale per la moderna odontoiatria conservatrice. Dental Cadmos, 2018, 86, 378.	0.1	0
74	Knowledge and Use of Caries Risk Assessment for Adult Patients Croatian Dentists. Acta Stomatologica Croatica, 2020, 54, 168-174.	1.0	0
75	Effects of Incorporation of Marine Derived Hydroxyapatite on the Microhardness and Surface Roughness of Two Glass-ionomer Cements. , 0, , .		0
76	Distribution of RoekoSeal sealer applied by three obturation techniques. Collegium Antropologicum, 2011, 35, 885-8.	0.2	0