

Dejan Lj Markovic

List of Publications by Year in descending order

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121
papers

1,512
citations

430874

18
h-index

377865

34
g-index

139
all docs

139
docs citations

139
times ranked

2419
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical composition, antimicrobial, antioxidant and antitumor activity of <i>Thymus serpyllum</i> L., <i>Thymus algeriensis</i> Boiss. and Reut and <i>Thymus vulgaris</i> L. essential oils. <i>Industrial Crops and Products</i> , 2014, 52, 183-190.	5.2	259
2	Factors related to treatment and outcomes of avulsed teeth. <i>Dental Traumatology</i> , 2010, 26, 52-59.	2.0	108
3	Chemical composition, antimicrobial, and cytotoxic properties of five Lamiaceae essential oils. <i>Industrial Crops and Products</i> , 2014, 61, 225-232.	5.2	92
4	Chemical composition and biological activity of <i>Gaultheria procumbens</i> L. essential oil. <i>Industrial Crops and Products</i> , 2013, 49, 561-567.	5.2	67
5	Cytotoxic Effects of Glass Ionomer Cements on Human Dental Pulp Stem Cells Correlate with Fluoride Release. <i>Medicinal Chemistry</i> , 2012, 8, 40-45.	1.5	53
6	Unmet oral health needs among persons with intellectual disability. <i>Research in Developmental Disabilities</i> , 2016, 59, 370-377.	2.2	52
7	Fluoride content and recharge ability of five glassionomer dental materials. <i>BMC Oral Health</i> , 2008, 8, 21.	2.3	47
8	Assessment of risk factors and preventive measures and their relations to work-related musculoskeletal pain among dentists. <i>Work</i> , 2017, 57, 573-593.	1.1	47
9	Antimicrobial synergism and cytotoxic properties of <i>Citrus limon</i> L., <i>Piper nigrum</i> L. and <i>Melaleuca alternifolia</i> (Maiden and Betche) Cheel essential oils. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1606-1614.	2.4	39
10	Effects of novel hydroxyapatite-based 3D biomaterials on proliferation and osteoblastic differentiation of mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 350-357.	4.0	38
11	Chlorophyll bleaching by UV-irradiation in vitro and in situ: Absorption and fluorescence studies. <i>Radiation Physics and Chemistry</i> , 2009, 78, 25-32.	2.8	36
12	A retrospective study of intrusive injuries in primary dentition. <i>Dental Traumatology</i> , 2009, 25, 605-610.	2.0	35
13	In vitro complexes of copper and zinc with chlorophyll. <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 501-512.	0.8	32
14	Different possibilities for the formation of complexes of copper and zinc with chlorophyll inside photosynthetic organelles: Chloroplasts and thylakoids. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 1053-1062.	0.8	23
15	Cervical plexus block versus general anesthesia in carotid surgery: single center experience. <i>Archives of Medical Science</i> , 2012, 6, 1035-1040.	0.9	22
16	Efficacy of pastes containing CPP-ACP and CPP-ACFP in patients with Sjögren's syndrome. <i>Clinical Oral Investigations</i> , 2015, 19, 2153-2165.	3.0	22
17	Effects of continuous UV-irradiation on the antioxidant activities of quercetin and rutin in solution in the presence of lecithin as the protective target. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 973-985.	0.8	21
18	Bleaching of chlorophylls by UV irradiation in vitro: The effects on chlorophyll organization in acetone and n-hexane. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 271-282.	0.8	19

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19	Chlorophyll degradation in aqueous mediums induced by light and UV-B irradiation: An UHPLC-ESI-MS study. <i>Radiation Physics and Chemistry</i> , 2017, 141, 8-16.	2.8	19
20	Stability of carotenoids toward UV-irradiation in hexane solution. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 15-27.	0.8	16
21	Microleakage, adaptation ability and clinical efficacy of two fluoride releasing fissure sealants. <i>Vojnosanitetski Pregled</i> , 2012, 69, 320-325.	0.2	16
22	How Much Country Economy Influences ECC Profile in Serbian Children? A Macro-Level Factor Analysis. <i>Frontiers in Public Health</i> , 2019, 7, 285.	2.7	15
23	Clinical evaluation of a chemomechanical method for caries removal in children and adolescents. <i>Acta Odontologica Scandinavica</i> , 2009, 67, 277-283.	1.6	14
24	Evaluating the population with intellectual disability unable to comply with routine dental treatment using the International Classification of Functioning, Disability and Health. <i>Disability and Rehabilitation</i> , 2011, 33, 1746-1754.	1.8	14
25	Extraordinary biological properties of a new calcium hydroxyapatite/poly(lactide-co-glycolide)-based scaffold confirmed by <i>in vivo</i> investigation. <i>Biomedizinische Technik</i> , 2017, 62, 295-306.	0.8	14
26	Association between being overweight and oral health in Serbian schoolchildren. <i>International Journal of Paediatric Dentistry</i> , 2015, 25, 409-417.	1.8	13
27	The relationship between causative microorganisms and cardiac lesions caused by infective endocarditis: New perspectives from the contemporary cohort of patients. <i>Journal of Cardiology</i> , 2018, 71, 291-298.	1.9	13
28	Synthesis and Properties of a New Dental Material Based on Nano-Structured Highly Active Calcium Silicates and Calcium Carbonates. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 57-64.	2.1	12
29	Class-ionomer fissure sealants: Clinical observations up to 13 years. <i>Journal of Dentistry</i> , 2018, 79, 85-89.	4.1	11
30	UV-induced changes in antioxidant capacities of selected carotenoids toward lecithin in aqueous solution. <i>Radiation Physics and Chemistry</i> , 2008, 77, 34-41.	2.8	10
31	UV-effects on antioxidant activity of selected carotenoids in the presence of lecithin estimated by DPPH test. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 1051-1061.	0.8	10
32	Adrenal crisis provoked by dental infection: case report and review of the literature. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, 325-329.	1.4	10
33	2-Amino-5-alkylidenethiazol-4-ones as promising lipid peroxidation inhibitors. <i>Monatshefte für Chemie</i> , 2014, 145, 945-952.	1.8	10
34	Biocompatibility Investigation of New Endodontic Materials Based on Nanosynthesized Calcium Silicates Combined with Different Radiopacifiers. <i>Journal of Endodontics</i> , 2017, 43, 425-432.	3.1	10
35	Antibacterial and Antibiofilm Potential of <i>Leptospermum petersonii</i> F.M.Bailey, <i>Eucalyptus citriodora</i> Hook., <i>Pelargonium graveolens</i> L'Her. and <i>Pelargonium roseum</i> (Andrews) DC. Essential Oils Against Selected Dental Isolates. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2021, 24, 304-316.	1.9	10
36	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

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37	Influence of Pastes Containing Casein Phosphopeptide-amorphous Calcium Phosphate on Surface of Demineralized Enamel. Journal of Applied Biomaterials and Functional Materials, 2014, 12, 234-239.	1.6	8
38	Evaluation of ergonomic risks during dental work. Balkan Journal of Dental Medicine, 2016, 20, 33-39.	0.2	8
39	<i>Cymbopogon citratus</i> essential oil: an active principle of nanoemulsion against <i>Enterococcus faecalis</i> root canal biofilm. Future Microbiology, 2021, 16, 907-918.	2.0	8
40	Dental pulp stem cells: Potential significance in regenerative medicine. Serbian Dental Journal, 2008, 55, 170-179.	0.2	8
41	Sensitivity of clinical isolates of <i>Candida</i> to essential oils from Burseraceae family. EXCLI Journal, 2016, 15, 280-9.	0.7	8
42	Some indicators of water quality of the Tamis river. Chemical Industry and Chemical Engineering Quarterly, 2011, 17, 107-115.	0.7	7
43	In vitro avarol does affect the growth of <i>Candida</i> sp.. Natural Product Research, 2016, 30, 1956-1960.	1.8	7
44	Photochemistry of aromatic ketones in sodium dodecyl sulphate micelles in the presence of unsaturated fatty acids. Journal of the Serbian Chemical Society, 2004, 69, 107-115.	0.8	7
45	Beta-carotene suppression of benzophenone-sensitized lipid peroxidation in hexane through additional chain-breaking activities. Radiation Physics and Chemistry, 2011, 80, 76-84.	2.8	6
46	Nanosynthesized calcium-silicate-based biomaterials in endodontic treatment of young permanent teeth. , 2016, , 269-307.		6
47	Antimicrobial Activity of Three Lamiaceae Essential Oils Against Common Oral Pathogens. Balkan Journal of Dental Medicine, 2016, 20, 160-167.	0.2	6
48	After-Hours Versus Office-Hours Dental Injuries in Children. Clinical Pediatrics, 2016, 55, 29-35.	0.8	6
49	Microbiological analysis of primary infected root canals with symptomatic and asymptomatic apical periodontitis of young permanent teeth. Balkan Journal of Dental Medicine, 2020, 24, 170-177.	0.2	6
50	Microleakage, adaptation ability and clinical efficacy of two fluoride releasing fissure sealants. Vojnosanitetski Pregled, 2012, 69, 320-5.	0.2	6
51	Mesenchymal Stromal Cells from Healthy and Inflamed Human Gingiva Respond Differently to <i>Porphyromonas gingivalis</i> . International Journal of Molecular Sciences, 2022, 23, 3510.	4.1	6
52	Pulp vitality preservation after traumatic dental injuries to permanent teeth. Medicinski Pregled, 2013, 66, 149-152.	0.1	5
53	Use of mineral trioxide aggregate in the treatment of traumatized teeth in children: Two case reports. Vojnosanitetski Pregled, 2013, 70, 781-784.	0.2	5
54	Nanostructured endodontic materials mixed with different radiocontrast agentsâ€™ biocompatibility study. Journal of Materials Science: Materials in Medicine, 2018, 29, 190.	3.6	5

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55	Susceptibility of oral <i>Candida</i> spp.: Reference strains and clinical isolates to selected essential oils of Apiaceae species. <i>Lekovite Sirovine</i> , 2015, , 151-162.	0.2	5
56	A marginal contribution of selected carotenoids to the supression of UV-irradiation-induced lecithin peroxidation in hexane solution. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 235-250.	0.8	4
57	Diode laser irradiation in endodontic therapy through cycles: In vitro study. <i>Balkan Journal of Dental Medicine</i> , 2017, 21, 108-111.	0.2	4
58	Successful establishment of a left ventricular assist device program in an emerging country: one year experience. <i>Journal of Thoracic Disease</i> , 2018, 10, S1743-S1750.	1.4	4
59	Primary Teeth Bite Marks Analysis on Various Materials: A Possible Tool in Children Health Risk Analysis and Safety Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2434.	2.6	4
60	Estimating the Effects of Dental Caries and Its Restorative Treatment on Periodontal Inflammatory and Oxidative Status: A Short Controlled Longitudinal Study. <i>Frontiers in Immunology</i> , 2021, 12, 716359.	4.8	4
61	UV-induced reaction kinetics in dilinoleoylphosphatidylcholine monolayers with incorporated photosensitizers. <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 349-356.	0.8	4
62	Cytotoxicity investigation of a new hydroxyapatite scaffold with improved structural design. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2016, 144, 280-287.	0.2	4
63	Mineral trioxide aggregate as material of choice in endodontic therapy. <i>Serbian Dental Journal</i> , 2011, 58, 97-107.	0.2	4
64	Factors associated with positive outcome of avulsion injuries in children. <i>Vojnosanitetski Pregled</i> , 2014, 71, 845-850.	0.2	3
65	A Brief History of Carotid Artery Surgery and Anesthesia. <i>Journal of Anesthesia History</i> , 2016, 2, 147-150.	0.2	3
66	Long-term cost-effectiveness of glass hybrid versus composite in permanent molars. <i>Journal of Dentistry</i> , 2021, 112, 103751.	4.1	3
67	Kinking of the Outflow Graft, Consequent Ventricular Tachycardia, and the Need for Reoperation in a Patient with Left Ventricular Assist Device. <i>Heart Surgery Forum</i> , 2017, 20, 139.	0.5	3
68	Preoperative assessment and preparation of patients with diseases affecting the central nervous system. <i>Acta Chirurgica Iugoslavica</i> , 2011, 58, 83-90.	0.0	3
69	Preoperative assessment and management of patient with psychiatric comorbidity. <i>Acta Chirurgica Iugoslavica</i> , 2011, 58, 143-149.	0.0	3
70	Preoperative preparation of geriatric patients. <i>Acta Chirurgica Iugoslavica</i> , 2011, 58, 169-175.	0.0	3
71	Biological aspects of application of nanomaterials in tissue engineering. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2016, 22, 145-153.	0.7	3
72	Nucleation of biomimetic hydroxyapatite. <i>Serbian Dental Journal</i> , 2011, 58, 7-15.	0.2	3

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73	Chemical composition and biological properties of <i>Pelargonium graveolens</i> , <i>Leptospermum petersonii</i> and <i>Cymbopogon martinii</i> var. <i>motia</i> essential oils and of <i>Rosa centifolia</i> absolute. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 1291-1303.	0.8	3
74	Biocompatibility and Antibacterial Potential of the <i>Cinnamomum camphora cineoliferum</i> (L.) J. Presl. and <i>Melaleuca ericifolia</i> Sm. Essential Oils Against Facultative and Obligate Endodontic Anaerobes. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2022, 25, 111-125.	1.9	3
75	Application of high-power diode laser and photodynamic therapy in endodontic treatment: Review of the literature. <i>Balkan Journal of Dental Medicine</i> , 2015, 19, 71-74.	0.2	2
76	Nanomaterials as scaffolds in bone tissue engineering in dental medicine. , 2016, , 413-442.		2
77	Outstanding Efficacy of Essential Oils Against Oral Pathogens. , 2019, , 211-233.		2
78	Biocompatibility of Three Root End Filling Materials. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 253-257.	0.1	2
79	In Vitro Biocompatibility of Nanostructured Endodontic Materials Using SCAP Cells. <i>Balkan Journal of Dental Medicine</i> , 2017, 21, 167-170.	0.2	2
80	Transesophageal Echocardiography-Guided Thrombectomy of Level IV Renal Cell Carcinoma without Cardiopulmonary Bypass. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2019, 34, 229-232.	0.6	2
81	Highly active calcium-silicate phases for application in endodontics. <i>Serbian Dental Journal</i> , 2013, 60, 210-217.	0.2	2
82	Mid-regional pro-adrenomedulin as a marker of perioperative mortality in non-cardiac surgery. <i>Vojnosanitetski Pregled</i> , 2018, 75, 632-633.	0.2	2
83	Biocompatibility assessment of glass ionomer cement: Test of cytotoxicity. <i>Serbian Dental Journal</i> , 2002, 49, 75-80.	0.2	2
84	Prophylactic efficiency of glass-ionomer fissure sealant. <i>Hemijska Industrija</i> , 2007, 61, 90-95.	0.7	2
85	The preoperative assessment of patients with valvular heart disease as a comorbidity. <i>Acta Chirurgica Iugoslavica</i> , 2011, 58, 31-37.	0.0	2
86	Joggle lap shear testing of deep occlusal composite restorations lined with Dycal, Dycal LC, conventional or resin-modified glass ionomer. <i>Vojnosanitetski Pregled</i> , 2017, 74, 410-419.	0.2	2
87	Clinical efficacy of casein phosphopeptide - amorphous calcium phosphate and casein phosphopeptide-amorphous calcium fluoride phosphate and their influence on the quality of life in patients with Sjögren's syndrome. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2020, 148, 528-534.	0.2	2
88	Pediatric Dentists' Service Provisions in South-East Europe during the First Wave of COVID-19 Epidemic: Lessons Learned about Preventive Measures and Personal Protective Equipment Use. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11795.	2.6	2
89	Treatment options for hypomineralized first permanent molars and incisors. <i>Serbian Dental Journal</i> , 2006, 53, 174-180.	0.2	1
90	The efficacy of hydrothermally obtained carbonated hydroxyapatite in healing alveolar bone defects in rats with or without corticosteroid treatment. <i>Vojnosanitetski Pregled</i> , 2014, 71, 462-466.	0.2	1

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91	Meta-Analysis of In-Vitro Bonding of Glass-Ionomer Restorative Materials to Primary Teeth. <i>Materials</i> , 2021, 14, 3915.	2.9	1
92	Preoperative preparation of patients with arterial or pulmonary hypertension in noncardiac surgery. <i>Acta Chirurgica Iugoslavica</i> , 2011, 58, 19-24.	0.0	1
93	Preoperative preparation of patients with cardiomyopathies in non-cardiac surgery. <i>Acta Chirurgica Iugoslavica</i> , 2011, 58, 39-43.	0.0	1
94	Abnormalities in enamel structure and their association with systemic diseases and syndromes. <i>Serbian Dental Journal</i> , 2011, 58, 229-238.	0.2	1
95	Evaluation of diagnosis accuracy in minimal carious lesions. <i>Serbian Dental Journal</i> , 2002, 49, 7-13.	0.2	1
96	Clinical evaluation of composite materials for pit and fissure sealing. <i>Serbian Dental Journal</i> , 2003, 50, 70-75.	0.2	1
97	Microbiological assessment of the chemo-mechanical caries removal. <i>Serbian Dental Journal</i> , 2003, 50, 192-196.	0.2	1
98	Chemomechanical caries removal. <i>Serbian Dental Journal</i> , 2003, 50, 150-154.	0.2	1
99	Analysis of the interface zone between the glass ionomer and enamel and dentin of primary molars. <i>Hemijska Industrija</i> , 2008, 62, 211-216.	0.7	1
100	Endodontic treatment of traumatized teeth with chronic periapical lesions using antibiotic paste and mineral trioxide aggregate obturation - a preliminary study. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2019, 147, 270-275.	0.2	1
101	How to Maintain Oral Health in Children with Respiratory Diseases – Literature Review. <i>Balkan Journal of Dental Medicine</i> , 2019, 23, 10-14.	0.2	1
102	Surgical Challenges of Heart Mate 3 Pump Implantation in Aneurysmally Changed Heart Ventricles. <i>Heart Surgery Forum</i> , 2020, 23, E393-E396.	0.5	1
103	Mineral trioxide aggregate for the treatment of external root resorption in an avulsed immature tooth - ten years of follow-up. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2020, 148, 231-235.	0.2	1
104	Lycopene control of benzophenone-sensitized lipid peroxidation. <i>Russian Journal of Physical Chemistry A</i> , 2012, 86, 763-774.	0.6	0
105	Dental Treatment and Oral Rehabilitation for Adults With Intellectual Disability Under General Anesthesia. <i>Journal of Policy and Practice in Intellectual Disabilities</i> , 0, , .	2.7	0
106	Clinical efficiency evaluation of minimal dental restorations on occlusal teeth surfaces. <i>Serbian Dental Journal</i> , 2004, 51, 13-18.	0.2	0
107	The impact of occlusal morphology on fissure sealant penetration. <i>Serbian Dental Journal</i> , 2006, 53, 87-94.	0.2	0
108	Comparative study of coronal sealing ability using root cross sections method. <i>Serbian Dental Journal</i> , 2007, 54, 224-230.	0.2	0

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109	Clinical evaluation of pit and fissure sealant efficiency in children aged 6-7. Serbian Dental Journal, 2007, 54, 7-15.	0.2	0
110	Quality management in dental health care: Present and future development. Serbian Dental Journal, 2011, 58, 35-43.	0.2	0
111	Main criteria for models of excellence in health care. Serbian Dental Journal, 2011, 58, 147-155.	0.2	0
112	Preoperative preparation of vascular patients undergoing nonvascular surgery. Acta Chirurgica Iugoslavica, 2011, 58, 55-61.	0.0	0
113	History of Medicine in Jagodina District. Serbian Dental Journal, 2015, 62, 184-195.	0.2	0
114	History of dentistry in central Serbia. Balkan Journal of Dental Medicine, 2016, 20, 138-142.	0.2	0
115	Stem cells in tissue engineering – dynamic cultivation requirement. Serbian Dental Journal, 2018, 65, 37-44.	0.2	0
116	Breastfeeding: The perspective of paediatric dentist. Zdravstvena Zastita, 2019, 48, 35-42.	0.2	0
117	Antibacterial effects of new endodontic materials based on calcium silicates. Vojnosanitetski Pregled, 2019, 76, 365-372.	0.2	0
118	Successful surgical treatment of terminal heart failure in an adolescent - left ventricular assist device implantation and subsequent heart transplantation. Srpski Arhiv Za Celokupno Lekarstvo, 2019, 147, 78-80.	0.2	0
119	Evaluation of Toothbrush Contamination. Balkan Journal of Dental Medicine, 2019, 23, 93-97.	0.2	0
120	Children with special needs in the dental office. Zdravstvena Zastita, 2020, 49, 53-66.	0.2	0
121	Analysis of oral health care delivery in patients with autism. Balkan Journal of Dental Medicine, 2022, 26, 106-112.	0.2	0