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Репрезентативне референце			
1.	Todorovic Z, Todorovic D, Markovic V, Ladjevac N, Zdravkovic N, Djurdjevic P, Arsenijevic N, Milovanovic M, Arsenijevic A, Milovanovic J. CAR T Cell Therapy for Chronic Lymphocytic Leukemia: Successes and Shortcomings. <i>Curr Oncol.</i> 2022;29(5):3647-3657.		
2.	Besser Silconi Z, Rosić V, Benazić S, Radosavljević G, Mijajlović M, Pantić J, Ratković ZR, Radić GP, Arsenijević A, Milovanović M, Arsenijević N and Milovanović J. The Pt(S-pr-thiosal)2 and BCL1 Leukemia Lymphoma: Antitumor Activity In Vitro and In Vivo. <i>International Journal of Molecular Science</i> 2022; 23(15):8161.		
3.	Jovic N, Milovanovic M, Jovic JJ, Ilic MB, Rakic D, Milenkovic V, Stojanovic B, Milovanovic J, Arsenijevic A, Arsenijevic N, Varjagic M. The Expression of IL-1 β Correlates with the Expression of Galectin-3 in the Tissue at the Maternal-Fetal Interface during the Term and Preterm Labor. <i>J Clin Med.</i> 2022;11(21):6521.		
4.	Stanišić-Zindović J, Mihailović B, Đorđević F, Milovanović M, Arsenijević N, Milovanović J, Acović A, Dubovina D. Brief report: Expression of TNF- α in chronic periapical lesions correlates with expression of bacterial chaperonin-60. <i>Vojnosanit Pregl</i> 2022;79(9):912–917.		
5.	Jovicic-Milic SS, Jevtic VV, Avdovic EH, Petrovic BV, Medjedovic M, Petrovic DjS, Milovanovic MZ, Milovanovic JZ, Arsenijevic NN, Stojkovic DLj, Radic GP, Stankovic MJ. DNA binding, molecular docking study and antitumor activity of [PdCl2(R-2-(S,S)-eddrp)] complexes. <i>Monatshfte fur Chemie</i> 2021; 152(8):951-8.		
6.	Vasić I, Rajković S, Arsenijević A, Milovanović M, Arsenijević N, Milovanović J, Živković MD. In vitro and in vivo activity of series of cationic dinuclearPt(II) complexes. <i>J Inorg Biochem.</i> 2021;225:111619.		
7.	Lazić D, Scheurer A, Čočić D, Milovanović J, Arsenijević A, Stojanović B, Arsenijević N, Milovanović M*, Rilak Simović A. A new bis-pyrazolylpyridine ruthenium(III) complex as a potential anticancer drug: in vitro and in vivo activity in murine colon cancer. <i>Dalton Trans.</i> 2021;50(22):7686-704.		
8.	Velickovic M, Arsenijevic A, Acovic A, Arsenijevic D, Milovanovic J, Dimitrijevic J, Todorovic Z, Milovanovic M*, Kanjevac T, Arsenijevic N. Galectin-3, Possible Role in Pathogenesis of Periodontal Diseases and Potential Therapeutic Target. <i>Front Pharmacol.</i> 2021;12:638258.		
9.	Arsenijevic D, Stojanovic B, Milovanovic J, Arsenijevic A, Simic M, Pergal M, Kodranov I, Cvetkovic O, Vojvodic D, Ristanovic E, Manojlovic D, Milovanovic M*, Arsenijevic N. Hepatoprotective Effect of Mixture of Dipropyl Polysulfides in Concanavalin A-Induced Hepatitis. <i>Nutrients.</i> 2021;13(3):1022.		
10.	Todorovic Z, Milovanovic J, Arsenijevic D, Vukovic N, Vukic M, Arsenijevic A, Djurdjevic P, Milovanovic M*, Arsenijevic N. Shikonin Derivatives from <i>Onsoma visianii</i> Decrease Expression of Phosphorylated STAT3 in Leukemia Cells and Exert Antitumor Activity. <i>Nutrients.</i> 2021;13(4):1147.		
11.	Arsenijevic A, Stojanovic B, Milovanovic J, Arsenijevic D, Arsenijevic N, Milovanovic M*. Galectin-3 in Inflammation Activation and Primary Biliary Cholangitis Development. <i>Int J Mol Sci.</i> 2020;21(14):5097.		
12.	Savic M, Arsenijevic A, Milovanovic J, Stojanovic B, Stankovic V, Rilak Simovic A, Lazić D, Arsenijevic N, Milovanovic M*. Antitumor Activity of Ruthenium(II) Terpyridine Complexes towards Colon Cancer Cells In Vitro and In Vivo. <i>Molecules.</i> 2020;25(20):4699.		
13.	Benazić S, Silconi ZB, Jevtović A, Jurisević M, Milovanović J, Mijajlović M, Nikolić M, Kanjevac T, Potočnik I, Samofova E, Ratković ZR, Radić G, Milovanović M, Pantić J, Arsenijević N, Radosavljević GD. The Zn(S-pr-thiosal)2 complex attenuates murine breast cancer growth by inducing apoptosis and G1/S cell cycle arrest. <i>Future Med Chem.</i> 2020;12(10):897-914.		
14.	Jevtovic A, Pantic J, Jovanovic I, Milovanovic M, Stanojevic I, Vojvodic D, Arsenijevic N, Lukic ML, Radosavljevic GD. Interleukin-33 pretreatment promotes metastatic growth of murine melanoma by reducing the cytotoxic capacity of CD8+ T cells and enhancing regulatory T cells. <i>Cancer Immunol Immunother.</i> 2020;69(8):1461-75.		
15.	Dimitrijević J, Arsenijević AN, Milovanović MZ, Arsenijević NN, Milovanović JZ, Stanković AS, Bukonjić AM, Tomović DL, Ratković ZR, Potočnik I, Samofova E, Radić GP. Synthesis, characterization and cytotoxic activity of binuclear copper(II)-complexes with some S-isoalkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II)-complex with S-isopropyl derivative of thiosalicylic acid. <i>J Inorg Biochem.</i> 2020;208:111078.		
16.	Jurisevic M, Jagic N, Gajovic N, Arsenijevic A, Jovanovic M, Milovanovic M, Pantic J, Jovanovic I, Sabo T, Radosavljevic G, Arsenijevic N. O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate dihydrochloride enhances influx of effective NK and NKT cells in murine breast cancer. <i>Vojnosanit Pregl.</i> 2020;77:715-23.		
17.	Milovanovic J, Arsenijevic A, Stojanovic B, Kanjevac T, Arsenijevic D, Radosavljevic G, Milovanovic M*, Arsenijevic N. Interleukin-17 in Chronic Inflammatory Neurological Diseases. <i>Front Immunol.</i> 2020;11:947.		
18.	Franich AA, Živković MD, Milovanović J, Arsenijević D, Arsenijević A, Milovanović M, Djuran MI, Rajković S. In vitro cytotoxic activities, DNA- and BSA-binding studies of dinuclear palladium(II) complexes with different pyridine-based bridging ligands. <i>J Inorg Biochem.</i> 2020;210:111158.		
19.	Popović A, Nikolić M, Mijajlović M, Ratković Z, Jevtić V, Trifunović SR, Radić G, Zarić M, Canović P, Milovanović M, Radosavljević S, Mededović Milica, Petrović B, Jovanović I. DNA binding and antitumor activities of zinc(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. <i>Transit Met Chem.</i> 2019;44:219–28.		
20.	Stojanovic B, Milovanovic J, Arsenijevic A, Stojanovic B, Strazic Geljic I, Arsenijevic N, Jonjic S, Lukic ML, Milovanovic M*. Galectin-3 Deficiency Facilitates TNF- α -Dependent Hepatocyte Death and Liver Inflammation in MCMV Infection. <i>Front Microbiol.</i> 2019;10:185.		
21.	Arsenijevic A, Milovanovic J, Stojanovic B, Djordjevic D, Stanojevic I, Jankovic N, Vojvodic D, Arsenijevic N, Lukic ML, Milovanovic M*. Gal-3 Deficiency Suppresses <i>Novosphingobium aromaticivorans</i> Inflammation Activation and IL-17 Driven Autoimmune Cholangitis in Mice. <i>Front Immunol.</i> 2019;10:1309.		
22.	Franich AA, Živković MD, Čočić D, Petrović B, Milovanović M, Arsenijević A, Milovanović J, Arsenijević D, Stojanović B, Djuran MI, Rajković S. New dinuclear palladium(II) complexes with benzodiazines as bridging ligands: interactions with CT-DNA and BSA, and cytotoxic activity. <i>J Biol Inorg Chem.</i> 2019;24(7):1009-22.		
23.	Kononov B, Živković MD, Milovanović JZ, Djordjević DB, Arsenijević AN, Vasić IR, Janjić GV, Franich A, Manojlović D, Skrivanj S, Milovanović MZ, Djuran MI, Rajković S. Synthesis, cytotoxic activity and DNA interaction studies of new dinuclear platinum(ii) complexes with an aromatic 1,5-naphthyridine bridging ligand: DNA binding mode of polynuclear platinum(ii) complexes in relation to the complex structure. <i>Dalton Trans.</i> 2018. doi: 10.1039/c8dt01946k.		
24.	Bukonjić AM, Tomović DLj, Stanković AS, Jevtić VV, Ratković ZR, Bogojeski JV, Milovanović JZ, Đorđević DB, Arsenijević AN, Milovanović MZ, Potočnik I, Trifunović SR, Radić GP. Synthesis, characterization and biological activity of copper(II) complexes with ligands derived from β -amino acids. <i>Transition Metal Chemistry</i> doi. 10.1007/s11243-018-0270-0		

25.	Besser Silconi Z, Benazic S, Milovanovic J, Jurisevic M, Djordjevic D, Nikolic M, Mijajlovic M, Ratkovic Z, Radić G, Radisavljevic S, Petrovic B, Radosavljevic G, Milovanovic M, Arsenijevic N. DNA binding and antitumor activities of platinum(IV) and zinc(II) complexes with some S-alkyl derivatives of thiosalicylic acid. <i>Transition Metal Chemistry</i> doi 10.1007/s11243-018-0260-2
26.	Jurisevic M, Arsenijevic A, Pantic J, Gajovic N, Milovanovic J, Milovanovic M, Poljarevic J, Tibor S, Vojvodic D, Radosavljevic GD, Arsenijevic N. The organic ester O,O'-diethyl-(S,S)-ethylenediamine-N,N'-di- 2-(3-cyclohexyl)propanoate dihydrochloride attenuates murine breast cancer growth and metastasis. <i>Oncotarget</i> 2018; 9(46): 28195-28212.
27.	Arsenijevic M, Milovanovic M, Jovanovic S, Arsenijevic N, Markovic BS, Gazdic M, Volarevic V. In vitro and in vivo anti-tumor effects of selected platinum(IV) and dinuclear platinum(II) complexes against lung cancer cells. <i>J Biol Inorg Chem</i> 2017; 22(6):807-817.
28.	Milovanovic J, Popovic B, Milovanovic M, Kvestak D, Arsenijevic A, Stojanovic B, Tanaskovic I, Krmpotic A, Arsenijevic N, Jonjic S, Lukic ML. Murine Cytomegalovirus Infection Induces Susceptibility to EAE in Resistant BALB/c Mice. <i>Front Immunol</i> 2017; 8:192. doi.org/10.3389/fimmu.2017.00192
29.	Arsenijevic A, Milovanovic M, Milovanovic J, Stojanovic B, Zdravkovic N, Leung PS, Liu FT, Gershwin ME, Lukic ML. Deletion of Galectin-3 Enhances Xenobiotic Induced Murine Primary Biliary Cholangitis by Facilitating Apoptosis of BECs and Release of Autoantigens. <i>Sci Rep</i> 2016; 6:23348. doi: 10.1038/srep23348.
30.	TV. Kanjevac, MZ. Milovanovic, O. Milosevic-Djordjevic, Z. Tesic, M. Ivanovic, A. Lukic. Cytotoxicity of glass ionomer cement on human exfoliated deciduous teeth stem cells correlates with released Fluoride, Strontium and Aluminium ion concentrations. <i>Arch Biol Sci</i> 2015; 67(2):619-630
31.	Volarevic V, Misirkic M, Vucicevic L, Paunovic V, Simovic Markovic B, Stojanovic M, Milovanovic M, Jakovljevic V, Micic D, Arsenijevic N, Trajkovic V, Lukic ML. Metformin aggravates immune-mediated liver injury in mice. <i>Arch Toxicol</i> 2015; 89(3):437-50
32.	Jovanovic IP, Pejnovic NN, Radosavljevic GD, Pantic JM, Milovanovic MZ, Arsenijevic NN, Lukic ML. Interleukin-33/ST2 Axis Promotes Breast Cancer Growth and Metastases by Facilitating Intratumoural Accumulation of Immunosuppressive and Innate Lymphoid Cells. <i>Int J Cancer</i> 2014; 134(7):1669-82.
33.	Ljubic B, Milovanovic M, Volarevic V, Murray B, Bugarski D, Przyborski S, Arsenijevic N, Lukic ML, Stojkovic M. Human mesenchymal stem cells creating an immunosuppressive environment and promote breast cancer in mice. <i>Sci Rep</i> 2013; 3:2298.
34.	D.P. Dimitrijević, V.V. Glođović, G.P. Radić, S. García-Granda, L. Menéndez-Taboada, M. Milovanović, V. Volarević, N. Arsenijević, G.A. Bogdanović, S.R. Trifunović. Stereospecific ligands and their complexes. Part XV. Synthesis, characterization and cytotoxicity of novel platinum (IV) complexes with some esters of ethylenediamine-N,N0-di-S,S-(2,20-dibenzyl)acetic acid. Crystal structure of O,00-dipropyl-ethylenediamine-N,N0-di-S, S-(2,20-dibenzyl)acetate dihydrochloride. <i>Inorganica Chimica Acta</i> 2013; 402:83–89.
35.	V. Volarevic, J.M. Vujic, M. Milovanovic, T. Kanjevac, A. Volarevic, S.R. Trifunovic, N. Arsenijevic. Cytotoxic effects of palladium(II) and platinum(II) complexes with O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-2-(4-methyl) pentanoic acid on human colon cancer cell lines. <i>J BUON</i> 2013; 18(1):131-137
36.	Pejnovic N, Pantic J, Jovanovic I, Radosavljevic G, Milovanovic M, Nikolic I, Zdravkovic N, Djukic A, Arsenijevic N, Lukic M. Galectin-3 Deficiency Accelerates High-Fat Diet Induced Obesity and Amplifies Inflammation in Adipose Tissue and Pancreatic Islets. <i>Diabetes</i> 2013;62(6):1932-1944.
37.	A.Volarevic, B. Ljubic, V. Volarevic, M. Milovanovic, T. Kanjevac, A. Lukic, N. Arsenijevic. A new semiquantitative method for evaluation of metastasis progression. <i>J BUON</i> 2012; 17:585-590.
38.	Milovanovic M, Volarevic V, Ljubic B, Radosavljevic G, Jovanovic I, Arsenijevic N, Lukic ML. Deletion of IL-33R (ST2) Abrogates Resistance to EAE in BALB/C Mice by Enhancing Polarization of APC to Inflammatory Phenotype. <i>Plos ONE</i> 2012;7(9):e45225.
39.	Jiang HR, Milovanović M, Allan D, Niedbala W, Besnard AG, Fukada SY, Alves-Filho JC, Togbe D, Goodyear CS, Linington C, Xu D, Lukic ML, Liew FY. IL-33 attenuates EAE by suppressing IL-17 and IFN- γ production and inducing alternatively activated macrophages. <i>Eur J Immunol</i> 2012; 42(7):1804-1814.
40.	M. Arsenijević, M. Milovanović, V. Volarević, D. Čanović, N. Arsenijević, T. Soldatović, S. Jovanović, Ž.D. Bugarić. Cytotoxic properties of platinum(IV) and dinuclear platinum(II) complexes and their ligand substitution reactions with guanosine-50-monophosphate. <i>Transition Met Chem</i> 2012; 37(5):481-488.
41.	J.M. Vujčić, G.N. Kaluđerović, B.B. Zmejkovski, M. Milovanović, V. Volarević, N. Arsenijević, T.P. Stanojković, S.R. Trifunović. Stereospecific ligands and their complexes. Part X: Synthesis, characterization and in vitro antitumoral activity of platinum(IV) complexes with O,00-dialkyl-(S,S)-ethylenediamine-N,N0-di-2-(4-methyl)pentanoate ligands. <i>Inorganica Chimica Acta</i> 2012; 390:123–128.
42.	M. Milovanovic, V. Volarevic, G. Radosavljevic, I. Jovanovic, N. Pejnovic, N. Arsenijevic, M. L. Lukic. IL-33/ST2 axis in inflammation and immunopathology. <i>Immunol Res</i> 2012; 52(1-2):89-99.
43.	G. Radosavljevic, V. Volarevic, I. Jovanovic, M. Milovanovic, N. Pejnovic, N. Arsenijevic, D.K. Hsu, M.L. Lukic. The roles of Galectin-3 in autoimmunity and tumor progression. <i>Immunol Res</i> 2012; 52(1-2):100-110.
44.	M. Arsenijević, M. Milovanović, V. Volarević, A. Djeković, T. Kanjevac, N. Arsenijević, S. Đukić and ŽD. Bugarić. Cytotoxicity of gold (III) complexes on A549 human lung carcinoma epithelial cell line. <i>Med Chem Med Chem</i> 2012; 8(1):2-8(7).
45.	T. Kanjevac, M. Milovanovic, V. Volarevic, ML. Lukic, N. Arsenijevic, D. Markovic, N. Zdravkovic, Z. Tesic, A. Lukic. Cytotoxic effects of glass ionomer cements on human dental pulp stem cells correlate with fluoride release. <i>Med Chem</i> 2012; 8(1): 40-45(6).
46.	Volarevic V, Milovanovic M, Ljubic B, Pejnovic N, Arsenijevic N, Nilsson U, Leffler H, Lukic ML. Galectin-3 deficiency prevents concanavalin A-induced hepatitis in mice. <i>Hepatology</i> 2012; 55(6):1954-1964.
47.	Volarevic V, Mitrovic M, Milovanovic M, Zelen I, Nikolic I, Mitrovic S, Pejnovic N, Arsenijevic N. and Lukic M. Protective role of IL-33/ST2 axis in Con A-induced hepatitis. <i>Journal of Hepatology</i> 2012; 56(1):26-33.
48.	Vujčić JM, Kaluđerović GN, Milovanović M, Zmejkovski BB, Volarević V, Zivić D, Durđević P, Arsenijević N, Trifunović SR. Stereospecific ligands and their complexes. Part VII. Synthesis, characterization and in vitro antitumoral activity of platinum(II) complexes with O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-2-(4-methyl)pentanoic acid. <i>Eur J Med Chem</i> 2011; 46(9):4559-4565.
49.	V. Volarevic, M. Milovanovic, A. Djekovic, B. Petrovic, N. Arsenijevic, Z.D. Bugarcic. The cytotoxic effects of some selected gold(III) complexes on 4T1 cells and their role in the prevention of breast tumor growth in BALB/c mice. <i>J BUON</i> 2010; 15:768-773.
50.	J. Vujčić, M. Cvijović, GN. Kaluđerovic, M. Milovanović, BB. Zmejkovski, V. Volarević, N. Arsenijević, T J. Sabo, SR. Trifunović. Palladium(II) complexes with R2edda derived ligands. Part IV. O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-2-(4-methyl)-pentanoic acid dihydrochloride and their palladium(II) complexes: Synthesis, characterization and in vitro antitumoral activity against chronic lymphocytic leukemia (CLL) cells. <i>Eur J Med Chem</i> 2010; 45(9):3601-3606.
51.	M. Milovanovic, V. Volarevic, A. Djekovic, B. Petrovic, N. Arsenijevic and ZD. Bugarcic. Ligand substitutions reactions and cytotoxic properties of some selected gold(III) complexes. <i>Journal of Inorganic Biochemistry</i> 2010; 104(9):944-949.
52.	B. Ljubic, G. Radosavljevic, I. Jovanovic, S. Pavlovic, N. Zdravkovic, M. Milovanovic, Lj. Acimovic, M. Knezevic, D. Bankovic, D Zdravkovic and N. Arsenijevic. Elevated serum level of IL-23 correlates with expression of VEGF in human colorectal carcinoma. <i>Archives of Medical Research</i> 2010; 41:182-189.
53.	Radosavljevic G, Ljubic B, Jovanovic I, Srzentic Z, Pavlovic S, Zdravkovic N, Milovanovic M, Bankovic D, Knezevic M, Acimovic LJ, Arsenijevic N. Interleukin-17 may be a valuable serum tumour marker in patients with colorectal carcinoma. <i>Neoplasma</i> 2010; 57(2): 135-144.
54.	Volarevic V, Milovanovic M, Djekovic A, Bugarcic Z, Arsenijevic N. Cytotoxic effects of selected gold (III) complexes on murine BCL-1 B lineage leukemia cell line. <i>Ser J Exp Clin Res</i> 2012; 13(3):99-102.
55.	Jovanovic I, Radosavljevic G, Milovanovic M, Martinova K, Pejnovic N, Arsenijevic N, Lukic ML. Suppressed Innate Immune Response against Mammary Carcinoma in BALB/C Mice. <i>Ser J Exp Clin Res</i> 2012; 13 (2): 55-61
56.	Kanjevac T, Milovanović M, Volarević V, Arsenijevic N. Fluoride release from glass ionomer cements correlates with necrotic death of human dental pulp stem cells. <i>Ser J Exp Clin Res</i> 2011; 12 (2): 67-70.
57.	Volarevic V, Milovanovic M, Arsenijevic N, Lukic M. The new semi-quantitative method for determination of liver damage after Concanavalin A administration. <i>Ser J Exp Clin Res</i> 2010; 11:45-48.

Збирни подаци научне, односно уметничке и стручне активности наставника

Укупан број цитата	Science Citation Index, Web of Science	
	Scopus	

Укупан број радова са SCI или (SSCI) у последњих 10 година	36		
Тренутно учешће на пројектима	9	Домаћи	8
		Међународни	1
Усавршавања	Јун-јул 2009. Институт Кири у Паризу, лабораторија проф. Филипа Шатријеа. Мај 2012. институт Бернанд Нохт у Хамбургу.		
Други релевантни подаци			