

Табела. 9.6. Компетентност наставника

Име и презиме		Андријана Жекић		
Звање		Редовни професор		
Ужа научна област		Физика кондензоване материје		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2020.	Физички факултет	Физика	Физика кондензоване материје
Докторат	2005.	Физички факултет	Физика	Физика кондензоване материје
Магистратура	1999.	Физички факултет	Физика	Физика кондензоване материје
Диплома	1996.	Физички факултет	Физика	Физика кондензоване материје
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1.	ФИЗДФДЗ	Методологија педагошких истраживања у физици		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
1.	Mićo M. Mitrović, Branislava M. Misailović, Biljana Z. Maksimović and Andriјana A. Žekić, CONCEPTUAL DIFFICULTIES IN INTERPRETING THE REAL IMAGE OF AN OBJECT. (2020) <i>American Journal of Physics</i> , 88(141), 10.1119 / 10.0000520.			P23
2.	Mira Bjelaković, Tatjana Kop, Dragica Jakovljević, Ljilјana Živković, Andriјana Zekic, Vladimir Beškosi, Dragana Milic, Gordana Gojgić-Cvijovic. POLYSACCHARIDE-FULLERENE SUPRAMOLECULAR HYBRIDS: SYNTHESIS, CHARACTERIZATION AND ANTIOXIDANT ACTIVITY. (2019). <i>European Polymer Journal</i> , 123, 109461.			P21
3.	Pavlović, S. S., Stanković, S. B., Žekić, A., Nenadović, M., Popović, D. M., Milosavljević, V., & Poparić, G. B. IMPACT OF PLASMA TREATMENT ON ACOUSTIC PROPERTIES OF NATURAL CELLULOSE MATERIALS. (2019). <i>Cellulose</i> , 26(11), 6543-6554.			P21a
4.	Radisa, B. Z., Mitrovic, M. M., Misailovic, B. M., & Zekic, A. A. INVESTIGATION OF GROWTH MECHANISMS OF SODIUM CHLORATE CRYSTALS FROM AQUEOUS SOLUTIONS. (2016) <i>Industrial & Engineering Chemistry Research</i> , 55(39), 10436-10444.			P21
5.	Popovic, D. M., Kushima, A., Bogdanovic, M. I., Chai, J. S., Kasalica, B., Trtica, M., ... & Zekic, A. A. CONTINUOUS WAVE LASER FOR TAILORING THE PHOTOLUMINESCENCE OF SILICON NANOPARTICLES PRODUCED BY LASER ABLATION IN LIQUID. (2017) <i>Journal of Applied Physics</i> , 122(11), 113107.			P21
6.	Mitrović, M.M., Žekić, A.A., Misailović, B.M., Radiša, B.Z. EFFECT OF DISSOLUTION AND REFACTING ON GROWTH RATE DISPERSION OF SODIUM CHLORATE AND POTASSIUM DIHYDROGEN PHOSPHATE CRYSTALS (2014) <i>Industrial and Engineering Chemistry Research</i> , 53 (50), pp. 19643-19648.			P21
7.	Misailović, B.M., Malivuk, D.A., Žekić, A.A., Mitrović, M.M. NONGROWING FACES OF SODIUM CHLORATE CRYSTALS IN SUPERSATURATED SOLUTION (2014) <i>Crystal Growth and Design</i> , 14 (3), pp. 972-978.			P21a
8.	Malivuk, D.A., Žekić, A.A., Mitrović, M.M., Misailović, B.M. DISSOLUTION OF SODIUM CHLORATE CRYSTALS IN SUPERSATURATED SOLUTIONS (2013) <i>Journal of Crystal Growth</i> , 377, pp. 164-169.			P22
9.	Popovic, D.M., Chai, J.S., Zekic, A.A., Trtica, M., Stasic, J., Sarvan, M.Z. THE INFLUENCE OF APPLYING THE ADDITIONAL CONTINUOUS LASER ON THE SYNTHESIS OF SILICON-BASED NANOPARTICLES BY PICOSECOND LASER ABLATION IN LIQUID (2014) <i>Laser Physics Letters</i> , 11 (11), art. no. 116101.			P21
10.	Kramar, A. D., Zekic, A. A., Obradovic, B. M., Kuraica, M. M., Kostic, M. M. STUDY OF INTERACTION BETWEEN NITROGEN DBD PLASMA-TREATED VISCOSE FIBERS AND DIVALENT IONS CA ²⁺ AND CU ²⁺ (2014) <i>Cellulose</i> , 21:3279–3289.			P21a
Збирни подаци научне активност наставника				
Укупан број цитата, без аутоцитата			201	
Укупан број радова са SCI (или SSCI) листе			29	
Тренутно учешће на пројектима			Домаћи	Међународни
Усавршавања			1	1

Table. 9.6 Teachers' competences

Name and family name		Andrijana Žekić		
Title		Full time professor		
Narrow scientific area		Condensed matter physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2020.	Faculty of Physics	Physics	Condensed matter physics
PhD	2005.	Faculty of Physics	Physics	Condensed matter physics
Master degree	1999.	Faculty of Physics	Physics	Condensed matter physics
Diploma	1996.	Faculty of Physics	Physics	Condensed matter physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1.	ФИЗДФДФЗ	Methodology of Scientific Investigation in Physics Teaching		
The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field (minimum 10, not more than 20)				
1.		Mičo M. Mitrović, Branislava M. Misailović, Biljana Z. Maksimović and Andrijana A. Žekić, CONCEPTUAL DIFFICULTIES IN INTERPRETING THE REAL IMAGE OF AN OBJECT, (2020) <i>American Journal of Physics</i> , 88(141), 10.1119 / 10.0000520.		R23
2.		Mira Bjelaković, Tatjana Kop, Dragica Jakovljevic, Ljiljana Živković, Andrijana Zekic, Vladimir Beškoski, Dragana Milic, Gordana Gojgic-Cvijovic, POLYSACCHARIDE-FULLERENE SUPRAMOLECULAR HYBRIDS: SYNTHESIS, CHARACTERIZATION AND ANTIOXIDANT ACTIVITY, (2019). <i>European Polymer Journal</i> , 123, 109461.		R21
3.		Pavlović, S. S., Stanković, S. B., Žekić, A., Nenadović, M., Popović, D. M., Milosavljević, V., & Poparić, G. B. IMPACT OF PLASMA TREATMENT ON ACOUSTIC PROPERTIES OF NATURAL CELLULOSE MATERIALS. (2019). <i>Cellulose</i> , 26(11), 6543-6554.		R21a
4.		Radisa, B. Z., Mitrovic, M. M., Misailovic, B. M., & Zekic, A. A. INVESTIGATION OF GROWTH MECHANISMS OF SODIUM CHLORATE CRYSTALS FROM AQUEOUS SOLUTIONS. (2016) <i>Industrial & Engineering Chemistry Research</i> , 55(39), 10436-10444.		R21
5.		Popovic, D. M., Kushima, A., Bogdanovic, M. I., Chai, J. S., Kasalica, B., Trtica, M., ... & Zekic, A. A. CONTINUOUS WAVE LASER FOR TAILORING THE PHOTOLUMINESCENCE OF SILICON NANOPARTICLES PRODUCED BY LASER ABLATION IN LIQUID. (2017) <i>Journal of Applied Physics</i> , 122(11), 113107.		R21
6.		Mitrović, M.M., Žekić, A.A., Misailović, B.M., Radiša, B.Z. EFFECT OF DISSOLUTION AND REFACTING ON GROWTH RATE DISPERSION OF SODIUM CHLORATE AND POTASSIUM DIHYDROGEN PHOSPHATE CRYSTALS (2014) <i>Industrial and Engineering Chemistry Research</i> , 53 (50), pp. 19643-19648.		R21
7.		Misailović, B.M., Malivuk, D.A., Žekić, A.A., Mitrović, M.M. NONGROWING FACES OF SODIUM CHLORATE CRYSTALS IN SUPERSATURATED SOLUTION (2014) <i>Crystal Growth and Design</i> , 14 (3), pp. 972-978.		R21a
8.		Malivuk, D.A., Žekić, A.A., Mitrović, M.M., Misailović, B.M. DISSOLUTION OF SODIUM CHLORATE CRYSTALS IN SUPERSATURATED SOLUTIONS (2013) <i>Journal of Crystal Growth</i> , 377, pp. 164-169.		R22
9.		Popovic, D.M., Chai, J.S., Zekic, A.A., Trtica, M., Stasic, J., Sarvan, M.Z. THE INFLUENCE OF APPLYING THE ADDITIONAL CONTINUOUS LASER ON THE SYNTHESIS OF SILICON-BASED NANOPARTICLES BY PICOSECOND LASER ABLATION IN LIQUID (2014) <i>Laser Physics Letters</i> , 11 (11), art. no. 116101.		R21
10.		Kramar, A. D., Zekic, A. A., Obradovic, B. M., Kuraica, M. M., Kostic, M. M. STUDY OF INTERACTION BETWEEN NITROGEN DBD PLASMA-TREATED VISCOSE FIBERS AND DIVALENT IONS CA ²⁺ AND CU ²⁺ (2014) <i>Cellulose</i> , 21:3279–3289.		R21a
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations		201		
Total number of papers on the SCI (or SSCI) list		29		
Current participation in projects specialization		Domestic	International	
		1	1	