



Република Србија

УБ

Универзитет у Београду
Технолошко-металуршки факултет, Београд



Оснивач: Република Србија
Дозволу за рад број 612-00-02666/2010-04 од 10. децембра 2010.
године је издало Министарство просвете и науке Републике Србије

Диплома

Марина, Никица, Вуковић

рођена 1. јула 1983. године у Краљеву, Република Србија, уписана школске 2010/2011.

године, а дана 14. марта 2017. године завршила је докторске академске студије,
прећеи степен, на студијском програму Инжењерство материјала, обима
180 (сто осамдесет) бодова ЕСПБ са просечном оценом 9,64 (девет и 64/100).

Наслов докторске дисертације је: „Добијање цинк-оксидних варистора
са субмикронском величином зрна и изразито високим пољем продоја“.

На основу тога издаје јој се ова диплома о стеченом научном називу
доктор наука-технолошко инжењерство

Број: 6832600

У Београду, 20. јуна 2017. године

Декан
Проф. др Ђорђе Јанковић

Ректор
Проф. др Владимир Бумбаширевић

00068533

Република Србија
МИНИСТАРСТВО ПРОСВЕТЕ,
НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА
Комисија за стицање научних звања

Број: 660-01-00006/308

31.01.2018. године

Београд

На основу члана 22. став 2. члана 70. став 4. Закона о научноистраживачкој делатности ("Службени гласник Републике Србије", број 110/05, 50/06 – исправка, 18/10 и 112/15), члана 3. ст. 1. и 3. и члана 40. Правилника о поступку, начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача ("Службени гласник Републике Србије", број 24/16, 21/17 и 38/17) и захтева који је поднео

Институт за мултидисциплинарна истраживања у Београду

Комисија за стицање научних звања на седници одржаној 31.01.2018. године, донела је

**ОДЛУКУ
О СТИЦАЊУ НАУЧНОГ ЗВАЊА**

Др Марина Вуковић

стиче научно звање

Научни сарадник

у области техничко-технолошких наука - материјали и хемијске технологије

О Б Р А З Л О Ж Е Њ Е

Институт за мултидисциплинарна истраживања у Београду

утврдио је предлог број 580/2-3 од 10.05.2017. године на седници Научног већа Института и поднео захтев Комисији за стицање научних звања број 641/1 од 17.05.2017. године за доношење одлуке о испуњености услова за стицање научног звања **Научни сарадник**.

Комисија за стицање научних звања је по претходно прибављеном позитивном мишљењу Матичног научног одбора за материјале и хемијске технологије на седници одржаној 31.01.2018. године разматрала захтев и утврдила да именована испуњава услове из члана 70. став 4. Закона о научноистраживачкој делатности ("Службени гласник Републике Србије", број 110/05, 50/06 – исправка, 18/10 и 112/15), члана 3. ст. 1. и 3. и члана 40. Правилника о поступку, начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача ("Службени гласник Републике Србије", број 24/16, 21/17 и 38/17) за стицање научног звања **Научни сарадник**, па је одлучила као у изрци ове одлуке.

Доношењем ове одлуке именована стиче сва права која јој на основу ње по закону припадају.

Одлуку доставити подносиоцу захтева, именованој и архиви Министарства просвете, науке и технолошког развоја у Београду.

ПРЕДСЕДНИК КОМИСИЈЕ

С. Станислав Стошић-Грујић
Др Станислава Стошић-Грујић,
научни саветник

МИНИСТАР
Младен Шарчевић
Младен Шарчевић

Прилог 3

ИЗВЕШТАЈ О ЦИТИРАНОСТИ ДР МАРИНЕ ВУКОВИЋ

(према индексним базама *Web of Science Core Collection* и *Scopus*, на дан 9. 6. 2022)

укупан број цитата: 106

хетероцитати: 87

h-индекс = 5

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Коцитати

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Аутоцитати

36. Ignjatovic, N.L., Markovic, S., Jugovic, D., Uskokovic, V., Uskokovic, D.P.
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(2021) Metals, 11 (6), art. no. 859, .
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Аутоцитати:

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Electrical Engineering Institute Nikola Tesla
High School-Academy for Arts and Conservation.

**Serbian Ceramic Society Conference
ADVANCED CERAMICS AND APPLICATION VIII
New Frontiers in Multifunctional Material Science and Processing**

**Serbian Ceramic Society
Institute of Technical Science of SASA
Institute for Testing of Materials
Institute of Chemistry Technology and Metallurgy
Institute for Technology of Nuclear and Other Raw Mineral Materials**

PROGRAM AND THE BOOK OF ABSTRACTS

**Serbian Academy of Sciences and Arts, Knez Mihailova 35
Serbia, Belgrade, 23-25. September 2019**

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VIII Program and the Book of Abstracts

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Dr Lidija Mančić

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Technical Editors:

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SRPSKO keramičko društvo. Conference Advanced Ceramics and Application : New Frontiers in Multifunctional Material Science and Processing (8 ; 2019 ; Beograd)

Program ; and the Book of abstracts / Serbian Ceramic Society Conference Advanced Ceramics and Application VIII : New Frontiers in Multifunctional Material Science and Processing, Serbia, Belgrade, 23-25. September 2019. ; [organized by] Serbian Ceramic Society ... [etc.] ; [editors Vojislav Mitić, Lidija Mančić, Nina Obradović]. - Belgrade : Serbian Ceramic Society, 2019 (Belgrade : Serbian Ceramic Society). - 98 str. : ilustr. ; 30 cm

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a) Керамика -- Апстракти б) Наука о материјалима -- Апстракти в) Наноматеријали -- Апстракти

COBISS.SR-ID 279041804

Conference Topics

- Basic Ceramic Science & Sintering
- Nano-, Opto- & Bio-ceramics
- Modeling & Simulation
- Glass & Electro Ceramics
- Electrochemistry & Catalysis

- Magnetic & Refractory Ceramic
- Renewable Energy, Composites & Amorphous Ceramics
- Heritage, Art & Design

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**Serbian Ceramic Society Conference
ADVANCED CERAMICS AND APPLICATION IX
New Frontiers in Multifunctional Material Science and Processing**

**Serbian Ceramic Society
Institute of Technical Science of SASA
Institute for Testing of Materials
Institute of Chemistry Technology and Metallurgy
Institute for Technology of Nuclear and Other Raw Mineral Materials
PROGRAM AND THE BOOK OF ABSTRACTS**

**Serbian Academy of Sciences and Arts, Knez Mihailova 35
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Program ; and the Book of abstracts / Serbian Ceramic Society Conference Advanced Ceramics and Application IX : New Frontiers in Multifunctional Material Science and Processing, Serbia, Belgrade, 20-21. September 2021 ; [organized by Serbian Ceramic Society ... [et al.] ; [editors Vojislav Mitić, Lidija Mančić, Nina Obradović]. - Belgrade : Serbian Ceramic Society, 2021 (Belgrade : Serbian Ceramic Society). - 93 str. : ilustr. ; 30 cm

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а) Керамика -- Апстракти б) Наука о материјалима -- Апстракти в) Наноматеријали -- Апстракти

COBISS.SR-ID 45804553

Conference Topics

- Basic Ceramic Science & Sintering
- Nano-, Opto- & Bio-ceramics
- Modeling & Simulation
- Glass and Electro Ceramics
- Electrochemistry & Catalysis
- Refractory, Cements & Clays
- Renewable Energy & Composites
- Amorphous & Magnetic Ceramics
- Heritage, Art & Design

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**EIGHTEENTH YOUNG RESEARCHERS' CONFERENCE
MATERIALS SCIENCE AND ENGINEERING**

December 4-6, 2019, Belgrade, Serbia

Program and the Book of Abstracts

**Materials Research Society of Serbia
&
Institute of Technical Sciences of SASA**

November 2019, Belgrade, Serbia

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а) Наука о материјалима -- Апстракти б) Технички материјали -- Апстракти

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Beside printed «Program and the Book of Abstracts», which is disseminated to all conference participants, selected and awarded peer-reviewed papers will be published in journal “Tehnika – Novi Materijali”. The best presented papers, suggested by Session Chairpersons and selected by Awards Committee, will be proclaimed at the Closing Ceremony. Part of the award is free-of-charge conference fee at YUCOMAT 2020.

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**NINETEENTH YOUNG RESEARCHERS' CONFERENCE
MATERIALS SCIENCE AND ENGINEERING**

December 1-3, 2021, Belgrade, Serbia

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**Materials Research Society of Serbia
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Institute of Technical Sciences of SASA**

2021

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а) Наука о материјалима -- Апстракти б) Технички материјали -- Апстракти

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Results of the Conference

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LABORATORY EQUIPMENT

Acknowledgement

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UNIVERZITET U BEOGRADU
FAKULTET ZA FIZIČKU HEMIJU

Jasna LJ. Simonović Radosavljević

**Ispitivanje orijentacije strukturnih
polimera ćelijskog zida kod tvrdog drveta
(*Acer platanoides* L.), mekog drveta
(*Picea omorika* (Pančić) Purkyně) i
povijuše (*Dioscorea balcanica* Košanin)**

doktorska disertacija

Beograd, 2018.

Ova doktorska disertacija rađena je na Odseku za nauku o živim sistemima Instituta za multidisciplinarna istraživanja u Beogradu, Fakultetu za fizičku hemiju u Beogradu, u institutu Innventia u Stokholmu, kao i u Biološkom istraživačkom centru Mađarske akademije nauka.

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Zahvaljujem se svim kolegama iz kancelarije 95 na pomoći i druženju.

Hvala mojim roditeljima, Stevi i Urošu na razumevanju, podršci i ljubavi.

УНИВЕРЗИТЕТ У БЕОГРАДУ
ТЕХНИЧКИ ФАКУЛТЕТ У БОРУ

Љиљана Р. Аврамовић

**КОРЕЛАЦИЈА СТРУКТУРЕ И
МОРФОЛОГИЈЕ НАНОСТРУКТУИРАНИХ
ПРАХОВА МЕТАЛА ДОБИЈЕНИХ
ХЕМИЈСКИМ И ЕЛЕКТРОХЕМИЈСКИМ
ПОСТУПЦИМА**

Докторска дисертација

Бор, 2020

Овом приликом желим да изразим своју захвалност свима који су својим знањем, саветима и подршком дали свој допринос да ова докторска дисертација добије своју коначну форму.

Већи део експерименталних испитивања (електрохемијски део) урађен је у лабораторијама Центра за електрохемију Института за хемију, технологију и металургију Универзитета у Београду, док су експерименти за хемијски део урађени у лабораторијама Института за рударство и металургију Бор.

Посебно се захваљујем председнику комисије др Небојши Николић, научном саветнику Института за хемију, технологију и металургију у Београду, под чијим руководством је урађена ова докторска дисертација.

Велику захвалност дугујем свом ментору проф. др Јасмини Стевановић, научном саветнику Института за хемију, технологију и металургију, на стручној помоћи, конкретним саветима и свеобухватној подршци током израде дисертације.

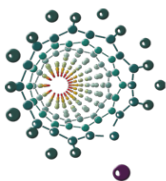
Члановима комисије: др Снежани Милић, редовном професору Техничког факултета у Бору и др Радмили Марковић, вишем научном сараднику Института за рударство и металургију Бор, захваљујем на помоћи и драгоценим сугестијама током завршне фазе писања дисертације.

Упућујем велику захвалност на пруженој помоћи при изради анализа за карактеризацију наноструктурираних прахова сребра и бакра и тумачењу резултата, колегама др Весни Максимовић из Института за нуклеарне науке Винча, др Марини Вуковић и др Звездани Башичаревић из Института за мултидисциплинарна истраживања, проф. др Евици Ивановић са Пољопривредног факултета у Земуну, др Ненаду Игњатовић из Института техничких наука САНУ и др Мирославу Павловић из Института за хемију, технологију и металургију.

Захвалност дугујем својој матичној кући Институту за рударство и металургију Бор на финансијској помоћи, разумевању и обезбеђеним условима за израду дисертације.

Такође се захваљујем колегама из Института за рударство и металургију који су својим доприносом помогли да се ова дисертација доведе до краја.

На крају, неизмерну захвалност дугујем супругу Зорану и деци Милошу и Јелени на бескрајном стрпљењу, разумевању и великој подршци.



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композитних честица $\text{ZnO}@ \text{BaTi}_{1-x}\text{Sn}_x$
(BTS, $x=0, 0.05$ и 0.10)

Ментор: др Ивана Стојковић Симатовић
др Ана Станковић

Студент: Иван Супић
бр. индекса: 2020/0206

Београд
2021.

Захваљујем се на сарадњи и помоћи менторима, в. професору др Ивани Стојковић Симатовић и др Ани Станковић, научном сараднику ИТН САНУ.

Захваљујем се и др Смиљи Марковић, научном саветнику ИТН САНУ и мр Катарини Алексић, истраживачу приправнику ИТН САНУ на сарадњи и помоћи при синтези и карактеризацији материјала за овај рад.

Захваљујем се др Ивани Динић из Института техничких наука САНУ и др Марини Вуковић из Иновационог центра Хемијског факултета на оптичкој карактеризацији материјала (ДРС).



Прилог 7

За Министарство просвете, науке и технолошког развоја
Комисија за стицање научних звања

Потврда о руковођењу пројектним задатком

Овим потврђујем да је др Марина Вуковић, научни сарадник Иновационог центра Хемијског факултета, у периоду од 01.01.2018. до 31.12.2019. била руководиоца пројектног задатка „Структурна анализа 1Д и 3Д функционалних наноматеријала“ у оквиру потпројекта „Синтеза и карактеризација 1Д и 3Д функционалних наноматеријала са великим односом површине према запремини са применом у енергетици и екологији“, чији је руководиоца била др Оливера Милошевић, а све то у оквиру пројекта ОИ172035 „Рационални дизајн и синтеза биолошки активних и координационих једињења и функционалних материјала, релевантних у (био) нанотехнологији“ руководиоца др Александра Николића.

У Београду, 15.12.2021

Др Александар Николић
Научни саветник Хемијског факултета
Универзитет у Београду

Journal:

**PROCESSING and
APPLICATION of
CERAMICS**_____

Reviewer Recommendation and Comments

Manuscript ID:

PAC-OJ-1360

Manuscript Title:

Sm³⁺ doped Li₄Ti₅O₁₂: A novel host sensitized reddish orange emitting phosphor

Corresponding Author:

Dr. Fatma Kilic Dokan

Reviewer:

Dr. Marina Vukovic

Please complete the below questionnaire and provide your additional comments below, specifying mandatory or optional revisions. You may also mark directly on the printed manuscript to provide suggestions for correction or indicate areas of concern.

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- ☒ Paper is within the scope of the journal
☐ Paper is not appropriate for the journal

2. Title

- ☒ Title is satisfactory
☐ Title can be abridged

3. Abstract

- ☒ Abstract covers pertinent points
☐ Abstract does not cover pertinent points

4. Originality and significance

- ☐ Similar papers published by authors
☒ Similar papers published by others
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5. Scientific quality (please rank the overall scientific quality of this paper and give your comments below)

- ☐ Outstanding
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☐ Marginal
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Journal:

**PROCESSING and
APPLICATION of
CERAMICS**_____

Reviewer Recommendation and Comments

Manuscript ID:

PAC-OJ-0457

Manuscript Title:

Role of Co doping on structural, optical and magnetic properties of nano-crystalline ZnO thin films

Corresponding Author:

Dr. Zohra N. Kayani

Reviewer:

Dr. Marina Vukovic

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1. Selection of the journal

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4. Originality and significance

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- ☐ Outstanding
☐ Good
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**Serbian Ceramic Society Conference
ADVANCED CERAMICS AND APPLICATION IX
New Frontiers in Multifunctional Material Science and Processing**

**Serbian Ceramic Society
Institute of Technical Science of SASA
Institute for Testing of Materials
Institute of Chemistry Technology and Metallurgy
Institute for Technology of Nuclear and Other Raw Mineral Materials
PROGRAM AND THE BOOK OF ABSTRACTS**

**Serbian Academy of Sciences and Arts, Knez Mihailova 35
Serbia, Belgrade, 20-21. September 2021**

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INV

Sonochemical synthesis of optically active fluorides

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Up-conversion is the optical property of materials which have ability to convert low energy photons (usually from infrared spectrum) into higher energy photons (from visible spectrum). Such compounds, usually lanthanide doped oxides or fluorides, have many applications in photoluminescence science and technology today. Currently, (β) NaYF₄:Yb,Er polymorph is considered to be the most efficient up-converting material. Its synthesis usually includes the usage of toxic solvents, long-term heating, high pressures, controlled gas atmosphere, etc. The aim of this work was to utilize rarely applied sonochemical synthesis for the stabilization of (β) NaYF₄:Yb,Er phase under mild and environmental friendly conditions. For this purpose, we performed ultrasonic treatment of common nitrate precursors and sodium fluoride for a different time. The obtained powders were analyzed in order to determine their phase composition and thermal stability, morphology, dopants distribution, particles surface purity and luminescent characteristics. Owing to this, the chemical and crystal phase transformations that occurred in specified periods of synthesis time are explained in detail. Moreover, it was shown that obtaining of uniformly doped (β) NaYF₄:Yb,Er monocrystalline particles is possible after 2h of sonication.



ИНСТИТУТ ЗА МУЛТИДИСЦИПЛИНАРНА ИСТРАЖИВАЊА

додељује

ГОДИШЊУ НАГРАДУ

Института за мултидисциплинарна истраживања

Марија Вуковић

за нарочите резултате и успехе постигнуте у научноистраживачкој делатности.

БЕОГРАД, 2016

ДИРЕКТОР

Christoph. Curt