

Научном већу

Института техничких наука САНУ

Кнез Михаилова 35/IV Београд

МОЛБА

Молим научно веће Института техничких наука САНУ да у складу са Правилником о поступку и начину вредновања и квантитативном исказивању научно истраживачких резултата (Правилник донесен на основу члана 14. става 1. тачка 8. и члана 70. тачка 8. и 9. Закона о научно истраживачкој делатности („Службени Гласник РС“ бр. 110/05 и 50/06-исправка)) покрене поступак за избор у звање др Миодрага Ј. Лукића у звање научни сарадник. За чланове Комисије за припрему извештаја, Научном већу Института техничких наука САНУ предлаже:

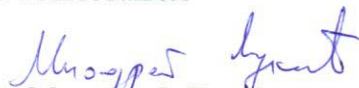
- др Смиља Марковић, виши научни сарадник Института техничких наука САНУ
- др Љиљана Дамјановић, ванредни професор факултета за физичку хемију Универзитета у Београду
- др Магдалена Стевановић, виши научни сарадник Института техничких наука САНУ

У прилогу Вам достављам:

- Биографију
- Библиографију
- Цитираност
- Уверење о стицању звања доктор физичкохемијских наука

С поштовањем

Београд, 15.01.2015.


др Миодраг Ј. Лукић

Истраживач сарадник Института техничких наука САНУ

Биографија др Миодраг Лукић, дипломирани физикохемичар

Миодраг Лукић је рођен 17. 01. 1984. године у Сарајеву, Босна и Херцеговина. Факултет за физичку хемију Универзитета у Београду је завршио 02. 04. 2009. године, стекавши звање дипломирани физикохемичар (изједначено са звањем мастер), а од 16. 04. 2009. године је запослен у Институту техничких наука САНУ.

Докторске студије уписује на Факултету за физичку хемију у пролећном семестру 2008/2009. године. У протеклом периоду је завршио све обавезе предвиђене планом и програмом докторских студија, положио све испите (просечна оцена 9,71/10,00) и одбранио докторску дисертацију под називом „Двостепено синтеровање, фазне трансформације, електричне и механичке особине наноструктурних биокерамичких материјала на бази хидроксиапатита“ 29.12.2014. године.

Као истраживач сарадник ангажован је на пројекту интегралних и интердисциплинарних истраживања ИИИ 45004 „Молекуларно дизајнирање наночестица контролисаних морфолошких и физикохемијских карактеристика и функционалних материјала на њиховој основи“. Учесник је и других билатералних и међународних пројеката: билатерални пројекат између Института техничких наука САНУ и Института за биоматеријале Универзитета у Ерлангену-Нирнберг, „Development and Evaluation of Bioactive Glass Based Therapeutics for Tissue Engineering and Controlled Delivery of Medicaments“, бр. пројекта 451-03-01858/2013-09/2, као и COST пројекта „Theranostics Imaging and Therapy: An Action to Develop Novel Nanosized Systems for Imaging-Guided Drug Delivery“-CMST COST Action TD1004.

Области интересовања су му: биокерамички наноматеријали, полимерни биоматеријали, синтеза и процесирање наноматеријала, фазне трансформације, раст кристала, међузависност микроструктурних и функционалних карактеристика, методе одређивања механичких, електричних и биолошких особина.

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2. **M. J. Lukić**, Lj. Veselinović, Z. Stojanović, M. Maček-Kržmanc, I. Bračko, S. D. Škapin, S. Marković, D. Uskoković, Peculiarities in sintering behavior of Ca-def hydroxyapatite nanopowders, *Materials Letters*, Vol 68, 2012, str. 331-335.
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3. **M. J. Lukić**, S. D. Škapin, S. Marković, D. Uskoković, Processing route to fully dense nanostructured HAp bioceramics: from powder synthesis to sintering, *Journal of the American Ceramic Society*, Vol. 95, 11, 2012, str. 3394-402.
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Саопштења са скупа од националног значаја штампана изводу (M64)

1. **Miodrag J. Lukić**, Ljiljana Veselinović, Zoran Stojanović, Smilja Marković, Nenad Ignjatović, Dragan Uskoković, Master sintering kriva nano kalcijum hidroksiapatita (CaHAp), Осма конференција младих истраживача – Наука и инжењерство нових материјала, 21.-23. decembar 2009. godine, књига апстраката, стр. 17.

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Извештај о цитираности др Миодрага Лукића

(Извештај је урађен на основу индексних база података *Web of Science Core Collection* и *Scopus* на дан 13. јануара 2015. године)

Радови др Миодрага Лукића цитирани су 47 пута (40 хетероцитата и седам аутоцитата)

Dense fine-grained biphasic calcium phosphate (BCP) bioceramics designed by two-step sintering

By: Lukic, M.; Stojanovic, Z.; Skapin, S. D.; et al.

JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 31 Issue: 1-2

Pages: 19-27 Published: JAN-FEB 2011

Хетероцитати

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By: Nadernezhad, Ali; Moztarzadeh, Fathollah; Hafezi, Masoud; et al.

JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 34 Issue: 15

Pages: 4001-4009 Published: DEC 2014

2. Artificial neural network approach to estimate the composition of chemically synthesized biphasic calcium phosphate powders

By: Asadi-Eydivand, Mitra; Solati-Hashjin, Mehran; Farzadi, Arghavan; et al.

CERAMICS INTERNATIONAL Volume: 40 Issue: 8 Pages: 12439-12448
Part: A Published: SEP 2014

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JOURNAL OF MATERIALS RESEARCH Volume: 29 Issue: 10 Pages: 1144-1152 Published: MAY 28 2014
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By: Zhao, Junfeng; Zhao, Junjie; Chen, JianHua; et al.
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Published: MAR 2014
5. Fluoridation and sintering of hydroxyapatite material and their mechanical properties
By: Asif, Muhammad; Fu Zhengyi; Wang Weimin; et al.
JOURNAL OF WUHAN UNIVERSITY OF TECHNOLOGY-MATERIALS SCIENCE EDITION Volume: 29 Issue: 1 Pages: 190-196 Published: FEB 2014
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Cailiao Rechuli Xuebao/Transactions of Materials and Heat Treatment Volume 34 (SUPPL.2), pp. 37-40 Published 2013
8. Calcium Orthophosphate-Based Bioceramics
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MATERIALS Volume: 6 Issue: 9 Pages: 3840-3942 Published: SEP 2013
9. Entering the Era of Nanoscience: Time to Be So Small
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10. Two step hot pressing sintering of dense fine grained WC-Al₂O₃ composites
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12. Phase composition control of calcium phosphate nanoparticles for tunable drug delivery kinetics and treatment of osteomyelitis. I. Preparation and drug release
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16. Physical-chemical and biological behavior of an amorphous calcium phosphate thin film produced by RF-magnetron sputtering
By: dos Santos, Euler A.; Moldovan, Simona; Mateescu, Mihaela; et al.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR
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Ceramica Volume 58 Issue 347, pp. 357-362 Published 2012
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By: Li, Bao-rang; Liu, Dong-yu; Liu, Jing-jing; et al.
CERAMICS INTERNATIONAL Volume: 38 Issue: 5 Pages: 3693-3699
Published: JUL 2012

19. Biphasic, triphasic and multiphasic calcium orthophosphates
By: Dorozhkin, Sergey V.
ACTA BIOMATERIALIA Volume: 8 Issue: 3 Pages: 963-977 Published:
MAR 2012
20. Calcium orthophosphates: Applications in nature, biology, and medicine (Book)
By: Dorozhkin, Sergey V.
Calcium Orthophosphates: Applications in Nature, Biology and Medicine, Pan
Stanford Publishing Pte. Ltd. Published in 2012, DOI 10.4032/9789814364171,
ISBN: 978-981431662-0
21. Calcium orthophosphate bioceramics (Book Chapter)
By: Dorozhkin, Sergey V.
in: *Bioactive Compounds: Types, Biological Activities and Health Effects*, Nova
Science Publishers, Inc. 2012, pp. 1-96. **ISBN:** 978-161324865-2
22. Densification and hardness behaviour of nanocrystalline hydroxyapatite/ β -
tricalcium phosphate composite powders
By: Mehdikhani, B., Mirhadi, B.
Journal of Biomimetics, Biomaterials, and Tissue Engineering Volume 14 Issue 1,
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Аутоцитати

23. Designing, fabrication and characterization of nanostructured functionally graded
HAp/BCP ceramics
By: Authors of Document Marković, S., Lukić, M.J., Škapin, S.D., Stojanović, B.,
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By: Authors of Document Marković, S., Lukić, M.J., Škapin, S.D., Stojanović, B., Uskoković, D.

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4. Processing route to fully dense nanostructured HAp bioceramics: From powder synthesis to sintering

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На основу члана 161 Закона о општем управном поступку ("Службени лист СРЈ", бр. 33/97, 31/2001 и "Службени гласник РС", бр. 30/2010), дозволе за рад број 612-00-00564/2009-04 од 11.06.2009. године коју је издало Министарство просвете Републике Србије и службене евиденције, Универзитет у Београду - Факултет за физичку хемију, издаје

У В Е Р Е Њ Е

Миодраг Лукић

име једног родитеља Јован, ЈМБГ 1701984170167, рођен 17.01.1984. године, Сарајево, Босна и Херцеговина, уписан школске 2008/09. године, дана 29.12.2014. године завршио је докторске академске студије на студијском програму Физичка хемија, у трајању од три године, обима 180 (сто осамдесет) ЕСПБ бодова, са просечном оценом 9,71 (девет и 71/100).

На основу наведеног издаје му се ово уверење о стеченом високом образовању и научном називу доктор наука – физичкохемијске науке.

Декан

Миљанић

Проф. др Шћепан Миљанић

