

**Ненад Л. Игатовић**  
**БИБЛИОГРАФИЈА**

**I. НАУЧНО-ИСТРАЖИВАЧКИ РЕЗУЛТАТИ**

**M10-Монографије, монографске студије, тематски зборници, лексикографске и картографске публикације међународног значаја**

**M12 - Монографија међународног значаја**

1. Composite biomaterials ceramics-bioresorbable polymer. From synthesis to applications, Edited by Dragan Uskokovic, **Nenad Ignjatovic**, Publisher: Institute of Technical Sciences of the Serbian Academy of Sciences and Arts, Belgrade, (2007) 1-424, ISBN 978-86-80321-12-7

**M13 - Монографска студија/поглавље у књизи M11 или рад у тематском зборнику водећег међународног значаја**

1. S. Vranješ-Đurić and **N. Ignjatović**, Radiolabeled functional nanoparticles in preventive and regenerative medicine, In: Nanotechnologies in Preventive and Regenerative Medicine, 1st Edition; Editors: V. Uskokovic & D. Uskokovic. Hardcover ISBN: 9780323480635. Imprint: Elsevier. (2018), page 65-92 <https://doi.org/10.1016/B978-0-323-48063-5.00001-0>

**M20 - Радови објављени у научним часописима међународног значаја; научна критика; уређивање часописа**

**M21a - Рад у врхунском међународном часопису**

1. **N. Ignjatovic**, V. Savic, S. Najman, M. Plavsic, D. Uskokovic, A study of HAp/PLLA composite as a substitute for bone powder, using FT-IR spectroscopy, *Biomaterials*, 22 (2001) 571-575 [http://dx.doi.org/10.1016/S0142-9612\(00\)00215-5](http://dx.doi.org/10.1016/S0142-9612(00)00215-5)
2. **N. Ignjatovic**, E. Suljovrujic, J. Budimski, I. Krakovsky, D. Uskokovic, Evaluation of Hot Pressed Hydroxyapatite/poly-L-lactide Composite Biomaterial, *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 71B, 2 (2004) 284-294 <http://dx.doi.org/10.1002/jbm.b.30093>
3. **N. Ignjatovic**, P. Ninkov, Z. Ajdukovic, D. Vasiljevic-Radovic, D. Uskokovic, Biphasic Calcium Phosphate/Poly-DL-Lactide-Co-Glycolide Composite Biomaterial as Bone Substitute, *Journal of the European Ceramic Society* 27 (2007) 1589-1594 <http://dx.doi.org/10.1016/j.jeurceramsoc.2006.04.104>
4. P. Uskokovic, C. Tang, C. Tsui, **N. Ignjatovic**, D. Uskokovic, Micromechanical properties of a hydroxyapatite/poly-l-lactide biocomposite using nanoindentation and modulus mapping, *Journal of the European Ceramic Society* 27 (2007) 1559-1564 <http://dx.doi.org/10.1016/j.jeurceramsoc.2006.04.122>
5. M. Jevtic, M. Mitric, S. Skapin, B. Jancar, **N. Ignjatovic**, D. Uskokovic, Crystal Structure of Hydroxyapatite Nanorods Synthesized by Sonochemical Homogeneous Precipitation,

*Journal Crystal Growth & Design* 8, 7 (2008) 2217-2222

<http://dx.doi.org/10.1021/cg7007304>

6. M. Jevtic, A. Radulovic, **N. Ignjatovic**, M. Mitric, D. Uskokovic, Controlled assembly of poly-D,L-lactide-co-glycolide/hydroxyapatite core-shell nanospheres under ultrasonic irradiation, *Acta Biomaterialia*, 5 (2009) 208-218  
<http://dx.doi.org/10.1016/j.actbio.2008.07.026>
7. M. Vukomanović, M. Mitrić, S. D. Škapin, E. Žagar, J. Plavec, **N. Ignjatović**, D. Uskoković, Influence of ultrasonic processing on the macromolecular properties of poly (D,L-lactide -coglycolide) alone and in its biocomposite with hydroxyapatite, *Ultrasonics Sonochemistry*, 17 (2010) 902–908  
<http://dx.doi.org/10.1016/j.ultsonch.2010.01.007>

## M21 - Рад у врхунском међународном часопису

1. **N. Ignjatovic**, S.Tomic, M. Dakic, M. Miljkovic, M. Plavsic and D. Uskokovic, Synthesis and properties of hydroxyapatite/poly-L-lactide composite biomaterials, *Biomaterials*, 20 (1999) 809-816 [http://dx.doi.org/10.1016/S0142-9612\(98\)00234-8](http://dx.doi.org/10.1016/S0142-9612(98)00234-8)
2. **N. Ignjatovic**, K. Delijic, M. Vukcevic, D. Uskokovic, The designing of properties of calcium-hydroxyapatite/poly-lactide composite biomaterials by hot pressing, *Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques*, 92, 2 (2001) 145-149  
<http://cat.inist.fr/?aModele=afficheN&cpsidt=919618>
3. **N. Ignjatovic**, D. Uskokovic, Synthesis and Application of Composite Biomaterial Hydroxyapatite/Poly lactide, *Applied Surface Science*, 238 (2004) 314-319  
<http://dx.doi.org/10.1016/j.apsusc.2004.05.227>
4. I. Nikcevic, D. Maravic, **N. Ignjatovic**, M. Mitric, D. Makovec, D.Uskokovic, The Formation and Characterization of Nanocrystalline Phases by Mechanical Milling of Biphasic Calcium Phosphate/Poly-L-lactide Biocomposite, *Materials Transaction* 47 (2006) 2980-2986 <http://dx.doi.org/10.2320/matertrans.47.2980>
5. **N. L. Ignjatovic**, C. Z. Liu, J.T. Czernuszka, D. P. Uskokovic, Micro and nano/injectable composite biomaterials of calcium phosphate coated with poly(dl-lactide-co-glycolide), *Acta Biomaterialia*, 3 (2007) 927-935 <http://dx.doi.org/10.1016/j.actbio.2007.04.001>
6. I. Jovanovic, B. Jordovic, M. Petkovic, **N. Ignjatovic**, D. Uskokovic, Preparation of smallest microparticles of poly-d,l-lactide by modified precipitation method: Influence of the process parameters, *Microscopy Research and Technique* 71 (2008) 86-92  
<http://dx.doi.org/10.1002/jemt.20529>
7. Lj. Veselinovic, Lj. Karanovic, Z. Stojanovic, I. Bracko, S. Markovic, **N. Ignjatovic**, D. Uskokovic, Crystal structure of cobalt-substituted calcium hydroxyapatite nanopowders prepared by hydrothermal processing, *Journal of Applied Crystallography*, 43 (2010) 320-327 (IF=4,192; 4/25; cit.=28) <http://dx.doi.org/10.1107/S0021889809051395>
8. **N. Ignjatovic**, P. Ninkov, R. Sabetrasekh, D. Uskokovic, A Novel Nano Drug Delivery System based on Tygecycline-Loaded Calciumphosphate Coated with Poly-DI-Lactide-co-Glycolide, *Journal of Materials Science Materials in Medicine* 21 (2010) 231-239  
<http://dx.doi.org/10.1007/s10856-009-3854-6>
9. **N. Ignjatovic**, Z. Ajdukovic, V. Savic, D. Uskokovic, Size effect of calcium phosphate coated with poly-DL-lactide- co-glycolide on healing processes in bone reconstruction, *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 94B (2010) 108–

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10. M. Vukomanović, S. Škapin, B. Jančar, T. Maksin, **N. Ignjatović**, V. Uskoković, D. Uskoković, Poly(d,l-lactide-co-glycolide) / hydroxyapatite core-shell nanospheres. Part 1: A multifunctional system for controlled drug delivery, *Colloids and Surfaces B: Biointerfaces* 82 (2011) 404–413 <http://dx.doi.org/10.1016/j.colsurfb.2010.09.011>
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  12. M. Vukomanovic, I. Sarcev, B. Petronijevic, S. D. Skapin, **N. Ignjatovic**, D. Uskokovic, Poly(d,l-lactide-co-glycolide)/hydroxyapatite core-shell nanospheres. Part 3: Properties of hydroxyapatite nano-rods and investigation of a distribution of the drug within the composite, *Colloid & Surfaces: B Biointerfaces*, 87 (2011) 226-235 <http://dx.doi.org/10.1016/j.colsurfb.2011.05.023>
  13. S. Marković, Lj. Veselinović, M. Lukić, Lj. Karanović, I. Bračko, **N. Ignjatović** and D. Uskoković, Synthetical bone-like and biological hydroxyapatites: a comparative study of crystal structure and morphology, *Biomedical Materials*, 6 (2011) 045005 <http://dx.doi.org/10.1088/1748-6041/6/4/045005>
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  16. **N. Ignjatović**, K. Penov-Gaši, V. Wu, J. Ajduković, V. Kojić, D. Vasiljević-Radović, M. Kuzmanović, V. Uskoković, D. Uskoković, Selective anticancer activity of hydroxyapatite/chitosan-poly(D,L)-lactide-co-glycolide particles loaded with an androstane-based cancer inhibitor, *Colloids and Surfaces B: Biointerfaces* 148 (2016) 629-639 <http://dx.doi.org/10.1016/j.colsurfb.2016.09.041>
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  18. Z. Stojanović, **N. Ignjatović**, V. Wu, V. Zunjić, S. Skapin, Lj. Veselinović, M. Miljković, V. Uskoković, D. Uskoković, Hydrothermally processed 1D hydroxyapatite: Mechanism of formation and biocompatibility studies, *Materials Science and Engineering: C Materials for Biological Applications* 68 (2016) 746-757 <http://dx.doi.org/10.1016/j.msec.2016.06.047>
  19. Ž. Mitić, A. Stolić, S. Stojanović, S. Najman, **N. Ignjatović**, G. Nikolić, M. Trajanović, Instrumental methods and techniques for structural and physicochemical characterization

- of biomaterials for bone tissue reconstruction: a review, *Materials Science and Engineering: C Materials for Biological Applications* 79 (2017) 930-949  
<https://doi.org/10.1016/j.msec.2017.05.127>
20. **N.L. Ignjatović**, K. M. Penov-Gaši, J. J. Ajduković, V.V. Kojić, S.B. Marković and D.P. Uskoković, The effect of the androstane lung cancer inhibitor content on the cell-selective toxicity of hydroxyapatite-chitosan-PLGA nanocomposites, *Materials Science and Engineering: C Materials for Biological Applications* 89 (2018) 371-377  
<https://doi.org/10.1016/j.msec.2018.04.028>
  21. **N. L. Ignjatović**, M. Sakač, I. Kuzminac, V. Kojić, S. Marković, D. Vasiljević-Radović, V. Wu, V. Uskoković, D. Uskoković, Chitosan Oligosaccharide Lactate Coated Hydroxyapatite Nanoparticles as a Vehicle for the Delivery of Steroid Drugs and the Targeting of Breast Cancer Cells, *Journal of Materials Chemistry B* 6 (2018) 6957-6968  
<http://dx.doi.org/10.1039/C8TB01995A>
  22. V. Uskokovic, S. Markovic, Lj. Veselinovic, S. Skapin, **N. Ignjatovic**, D. Uskokovic, Insights into the Kinetics of Thermally Induced Crystallization of Amorphous Calcium Phosphate, *Physical Chemistry Chemical Physics* 20 (2018) 29221-29235  
<http://dx.doi.org/10.1039/C8CP06460A>
  23. M. R. Pantović Pavlović, S. G. Eraković, M. M. Pavlović, J. S. Stevanović, V. V. Panić, **N. L. Ignjatović**, Anaphoretical/oxidative approach to the *in-situ* synthesis of adherent hydroxyapatite/titanium oxide composite coatings on titanium, *Surface and Coatings Technology* 358 (2019) 688-694, <https://doi.org/10.1016/j.surfcoat.2018.12.003>
  24. Lj. Avramović, V. Maksimović, Z. Bašćarević, **N. Ignjatović**, M. Bugarin, R. Marković, N. Nikolić, Influence of the Shape of Copper Powder Particles on the Crystal Structure and Some Decisive Characteristics of the Metal Powders, *Metals* 9 (2019)  
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## M22 - Рад у истакнутом међународном часопису

1. **N. Ignjatovic**, V. Savic, S. Najman, M. Plavsic, D. Uskokovic, Analysis of *In Vivo* Substitution of Bone Tissue by HAp/PLLA Composite Biomaterial with poly-L-lactide Different Molecular Weight Using FTIR Spectroscopy, *Materials Science Forum*, 352 (2000) 143-150 <http://dx.doi.org/10.4028/www.scientific.net/MSF.352.143>
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3. **N. Ignjatovic**, K. Delijic, M. Vukcevic, D. Uskokovic, Microstructure and Mechanical Properties of Hot Pressed hydroxyapatite/poly-L-lactide Biomaterials, *Key Eng. Mater.*, 192-195 (2001) 737-740 <http://dx.doi.org/10.4028/www.scientific.net/KEM.192-195.737>
4. E. Suljovrujic, **N. Ignjatovic**, D. Uskokovic, Gamma irradiation processing of composite biomaterials hydroxyapatite/polylactide, *Radiation Physics and Chemistry* 67 (2003) 375-379 [http://dx.doi.org/10.1016/S0969-806X\(03\)00070-7](http://dx.doi.org/10.1016/S0969-806X(03)00070-7)
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- HAp ratio on the thermodynamic and kinetics parameters of PDMS/HAp composites cross-linking, *Materials Sciences Forum*, 413 (2003) 263-268  
<http://dx.doi.org/10.4028/www.scientific.net/MSF.413.263>
7. **N. Ignjatovic**, Z. Ajdukovic, D. Uskokovic, New biocomposite calciumphosphate/poly-DL-lactide-co-glycolide/biostimulatite agens filler for reconstruction of bone tissue changed by osteoporosis, *Journal of Materials Sciences: Materials in Medicine*, 16 (2005) 621-626 <http://dx.doi.org/10.1007/s10856-005-2532-6>
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  23. **N. L. Ignjatovic**, R. Janković, V. Uskokovic, D. Uskoković, Effects of Hydroxyapatite@Poly-Lactide-Co-Glycolide Nanoparticles Combined with Pb and Cd on Liver and Kidney Parenchyma after the Reconstruction of Mandibular Bone Defects, *Toxicology Research*, 8 (2019) 287-296, <https://doi.org/10.1039/C9TX00007K>

### M23 - Рад у међународном часопису

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2. **N. Ignjatovic**, Z. Brankovic, M. Dramicanin, J. Nedeljkovic and D. Uskokovic, Preparation of TiO<sub>2</sub> and ZnO thin films by dip-coating method, *Materials Sciences Forum* 282-283 (1998) 147-152 <http://dx.doi.org/10.4028/www.scientific.net/MSF.282-283.147>
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6. **N. Ignjatovic**, J. Jovanovic, E. Suljovrujic, D. Uskokovic, Injectable

- polydimethylsiloxane/hydroxyapatite composite cement, *Bio-Medical Materials and Engineering* 13 (2003) 401-410 [PMid:14646054](#)
7. **N. Ignjatovic**, D. Uskokovic, Molecular spectroscopy analysis of the substitution of bone tissue by HAp/PLLA composite biomaterial, *Spectroscopy. An International Journal*, 18 (2004) 553-565 [doi:10.1155/2004/917656](#)
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  9. L. Matija, Dj. Koruga, J. Jovanovic, D. Dobrosavljevic, **N. Ignjatovic**, *In Vitro* and *In Vivo* Investigation of Collagen - C<sub>60</sub>(OH)<sub>24</sub> Interaction, *Materials Science Forum*, 453-454 (2004) 561-566 <http://dx.doi.org/10.4028/www.scientific.net/MSF.453-454.561>
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### **M36 Уређивање зборника саопштења међународног научног скупа**

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2. Young Researchers Conference Materials Sciences and Engineering (10; 2011; Beograd) Program and the Book of Abstracts/Tenth Young Researchers Conference Materials Sciences and Engineering, December 21–23, 2011, Belgrade, Serbia; [organized by] Materials Research Society of Serbia and Institute of Technical Sciences of the Serbian Academy of Sciences and Arts; [editor **Nenad Ignjatović**]. – Belgrade: Institute of Technical Sciences of SASA, 2011 (Belgrade: Copy Planet). – XIV, ISBN 978–86–80321–27–71, 62 pages, <http://www.itn.sanu.ac.rs/opus4/frontdoor/index/index/docId/332>
3. Joint Event of the 11<sup>th</sup> Young Researchers' Conference: Materials Science and Engineering and the 1<sup>st</sup> European Early Stage Researchers' Conference on Hydrogen Storage, Program and the Book of Abstracts, December 3<sup>rd</sup> - 5<sup>th</sup>, 2012, Belgrade, Serbia; [organized by] Materials Research Society of Serbia; [editor Jasmina Grbović-Novaković and **Nenad Ignjatović**]. – Belgrade: (150 e-copies). – XIV, ISBN 978-86-7306-122-1, 165 pages, <http://www.itn.sanu.ac.rs/opus4/frontdoor/index/index/docId/314>

### **M40 Монографије националног значаја**

**M44 - Поглавље у књизи M41 или рад у истакнутом тематском зборнику водећег националног значаја**

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2. **Nenad Ignjatović**, Dragan Uskoković, Biodegradabilni polimeri, BIOMATERIJALI, urednici Dejan Raković, Dragan Uskoković, Beograd: Institut tehničkih nauka Srpske akademije nauka i umetnosti: Društvo za istraživanje materijala, 2010, str. 630-655. ISBN 978-86-80321-23-3
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### **M50 Радови у часописима националног значаја**

#### **M51 - Рад у водећем часопису националног значаја**

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#### **M66 - Уређивање зборника саопштења скупа националног значаја**

1. Program i knjiga apstrakata / Prvi seminar mladih naučnika Nauka i inženjerstvo novih materijala, Beograd, 26. decembar 2002. ; [organizatori] Društvo za istraživanje materijala [i] Institut tehničkih nauka Srpske akademije nauka i umetnosti; [urednik **Nenad Ignjatović**]. – Beograd : SANU, Institut tehničkih nauka, 2002. – [34] lista ;
2. Program i knjiga apstrakata / Drugi seminar mladih istraživača Nauka i inženjerstvo novih materijala, Beograd, 29. decembar 2003. ; [organizatori] Društvo za istraživanje materijala [i] Institut tehničkih nauka Srpske akademije nauka i umetnosti; [urednik **Nenad Ignjatović**]. – Beograd : SANU, Institut tehničkih nauka, 2003. – [IV], [30] listova
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### **M70 Одбрањена докторска дисертација**

1. **Ненад Игњатовић**, Синтеза и дизајнирање структуре и особина хидроксиапатит-полилактид композитних биоматеријала, Универзитет у Београду, ТМФ (2001)

### **M90 Патенти**

#### **M92 - Регистрован патент на националном нивоу**

1. **Н. Игатовић**, Ј. Барас, Ј. Миљковић, С. Петровић, Поступак добијања адхезива из обезмашћеног сојиног брашна и његова примена, А23J 3/14; C09J 189/00; C12N 9/76, П-632/96, 30.04.2003. 2/2003, <http://pub.zis.gov.rs/rs-pubserver/document?iDocId=79691&iepatch=.pdf>
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3. Д. Ускоковић, **Н. Игњатовић**, Поступак добијања гранула композитног биоматеријала калцијум фосфат биодеградабилни полимер (поли(л-лактид) (лпла) или поли(дл-лактид-ко-гликолид) (длплг)), А61F 2/28; А61К 31/765; А61К 33/06; А61L 27/00, П 109/04 31.12.2010. 6/2010, <http://pub.zis.gov.rs/rs-pubserver/document?iDocId=87628&iepatch=.pdf>

#### **M99 - Ауторска изложба са каталогом уз научну рецензију**

1. РС 49697 (Б) - Нов поступак добијања блокова композитног биоматеријала хидроксиапатит/поли-л-лактид за репарацију коштаног ткива, Д. Ускоковић, М. Плавшић, **Н. Игњатовић**; ИПЦ: А61Ф 2/28; А61Л 27/00, 95 година заштите интелектуалне својине у Србији, Република Србија Завод за интелектуалну својину Србије, [за издавача Невенка Новаковић] *Принт* ИСНБ 978-86-7811-051-1, (2015) стр. 61-62. [http://www.zis.gov.rs/upload/documents/pdf\\_sr/pdf/95\\_godina\\_ZIS/95%20god%20za%20MAIL.pdf](http://www.zis.gov.rs/upload/documents/pdf_sr/pdf/95_godina_ZIS/95%20god%20za%20MAIL.pdf)
2. РС 51291 (Б) - Поступак добијања гранула композитног биоматеријала калцијум фосфат-биодеградабилни полимер (Поли(Л-лактид) (ЛПЛА) или Поли(ДЛ-лактид-ко-гликолид) (ДЛПЛГ)), Д. Ускоковић, **Н. Игњатовић**; ИПЦ: А61Ф 2/28; А61К 31/765; А61К 33/06; А61Л 27/00, 95 година заштите интелектуалне својине у Србији, Република Србија Завод за интелектуалну својину Србије, [за издавача Невенка Новаковић] *Принт* ИСНБ 978-86-7811-051-1, (2015) стр. 63-64. [http://www.zis.gov.rs/upload/documents/pdf\\_sr/pdf/95\\_godina\\_ZIS/95%20god%20za%20MAIL.pdf](http://www.zis.gov.rs/upload/documents/pdf_sr/pdf/95_godina_ZIS/95%20god%20za%20MAIL.pdf)

### **Награде и признања:**

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4. Н. Игњатовић, признање и захвалница за допринос у развоју рада са надареном и талентованом школском популацијом, Регионални центар за таленте Београд II (2014).

### **Члан научног/програмског одбора међународне конференције:**

1. Члан научног/програмског Одбора међународне Конференције; 4th International Student Conference of the Balkan Physical Union (ISCBPU-4) 29 August - 1 September, 2006, Bodrum, Turkey,
2. Члан научног/програмског Одбора међународне Конференције; Second international congress on ceramics, Palazzo della gran guardia, june 29 – july 4, 2008, Verona, Italy
3. Члан научног/програмског Одбора међународне Конференције; 4th Serbian Congress for Microscopy, Serbia 4SCM-2010, October 11-12. 2010 Belgrade, [https://www.vin.bg.ac.rs/SDM/dokumenti/4scm2010/knjiga\\_4SCM2010.pdf](https://www.vin.bg.ac.rs/SDM/dokumenti/4scm2010/knjiga_4SCM2010.pdf)
4. Члан научног/програмског Одбора међународне Конференције; 1st International Conference on Physical Chemistry and Functional Materials (PCFM 2018), Елазиг, Турска (2018): <http://www.pcfm2018.com/committee.html>
5. Члан научног/програмског Одбора међународне Конференције; Applied Nanotechnology and Nanoscience International Conference 2018, Берлин (2018), <http://premc.org/conferences/annic-nanotechnology-nanoscience/committee/#menu>
6. Члан научног/програмског Одбора међународне Конференције; 8<sup>th</sup> International Conference on Advances in Chemistry, Chemical Engineering and Polymer, Инстамбул (2018), Турска, <http://chemiconf.me/en/page.php?rid=86>
7. Члан научног/програмског Одбора међународне Конференције World Congress on Chemistry, October 10-11, 2019, Paris, France, <http://chemistry.conferenceera.com/program-committee>

### **Члан организационог одбора међународне конференције:**

1. Fifth Yugoslav Materials Research Society Conference YUCOMAT 2003, Herceg Novi, Yugoslavia, September 15-19, 2003, <http://www.mrs-serbia.org.rs/index.php/y2003/y2003b>
2. Sixth Yugoslav Materials Research Society Conference YUCOMAT 2004, Herceg Novi, Yugoslavia, September 13-17, 2004, <http://www.mrs-serbia.org.rs/index.php/y2004/y2004b>
3. Seventh Yugoslav Materials Research Society Conference YUCOMAT 2005, Herceg Novi, Yugoslavia, September 12-16, 2005, <http://www.mrs-serbia.org.rs/index.php/y2005/y2005b>
4. Eighth Yugoslav Materials Research Society Conference YUCOMAT 2006, Herceg Novi, Montenegro, September 4-8, 2006, <http://www.mrs-serbia.org.rs/index.php/y2006/y2006b>

5. Ninth Yugoslav Materials Research Society Conference YUCOMAT 2007, Herceg Novi, Montenegro, September 10-14, 2007, <http://www.mrs-serbia.org.rs/index.php/y2007/y2007b>
6. VII International Conference on Mechanochemistry and Mechanical Alloying INCOME 2011, Herceg Novi, Montenegro 31 August – 3 September 2011, <http://www.mrs-serbia.org.rs/income2011/income2011-oc.html>

#### **Чланства у одборима научних друштава:**

1. Члан Председништва Друштва за истраживање материјала Србије (2008-данас)
2. Генерални секретар Друштва за истраживање материјала Србије (2016-данас)  
<http://www.mrs-serbia.org.rs/index.php/organized-by>

#### **Члан уређивачког одбора часописа:**

1. Члан је уређивачког одбора научног часописа *Tehnika-Novi materijali*, ISSN 0354-2300, (Savez inženjera i tehničara Srbije, Kneza Miloša 7a/I, 11000 Beograd), (2006. - данас) <http://www.sits.org.rs/include/data/docs1027.pdf>
2. Члан је уређивачког одбора научног часописа *Journal of Applied Chemistry*, (Hindawi Publishing Corporation, 410 Park Avenue, 15th Floor, New York, NY 10022 USA), (2014. – 2018.) <https://www.hindawi.com/journals/jac/editors/>
3. Члан је уређивачког одбора научног часописа *Nanoscience and Nanometrology*, (2017. - данас) <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=356>
4. Члан је уређивачког одбора научног часописа *Oriental Journal of Chemistry*, (2018. - данас) <http://www.orientjchem.org/editorial-board/>
5. Члан је уређивачког одбора научног часописа *Journal of Chemistry*, (Hindawi Publishing Corporation), (2018. - данас)  
<https://www.hindawi.com/journals/jchem/editors/materials.chemistry/>
6. Члан је уређивачког одбора научног часописа *Journal of Medicinal and Chemical Sciences*, (2018. - данас) <http://www.jmchemsci.com/journal/editorial.board>
7. Уредник часописа *Advanced Journal of Chemistry-Section A*, (2018.-данас)  
<http://www.ajchem-a.com/journal/editorial.board?edbc=6336>

#### **Рецензент радова у часописима:**

*Colloids and Surfaces B: Biointerfaces* (2018); *Physica B: Condensed Matter* (2018); *Journal of Applied Polymer Science* (2017); *International Journal of Pharmaceutics* (2017); *Processing and Application of Ceramics* (2017); *Colloids and Surfaces B: Biointerfaces* (2017); *Materials Letters* (2017); *Nanoscience and Nanometrology* (2017); *Ceramics International* (2017); *Colloids and Surfaces B: Biointerfaces* (2017); *Journal of Tissue Engineering and Regenerative Medicine* (2017); *Processing and Application of Ceramics* (2017); *Ceramics International* (2017); *Processing and Application of Ceramics* (2016); *Trends in Analytical Chemistry* (2016); *Arabian Journal of Chemistry* (2016); *Journal of Composite Materials* (2016); *Trends in Analytical Chemistry* (2016); *Journal of Materials Chemistry B* (2016); *International Journal of Applied Ceramic Technology* (2015); *Colloids and Surfaces B: Biointerfaces* (2015); *Journal of Biomedical Materials Research Part A* (2015); *Biomacromolecules* (2015); *RSC Advances* (2015); *Current Drug Delivery* (2015); *Surface and Coatings Technology* (2015); *Journal of the Serbian Chemical Society* (2015); *Ceramics International* (2015); *The Scientific World Journal*



(2014); *Colloids and Surfaces B: Biointerfaces* (2014); *Materials Letters* (2014) итд.  
<https://publons.com/author/489127/nenad-ignjatovic#profile>

**Организација научних скупова:**

1. Председник научног/програмског и организационог одбора Конференције младих истраживача, Наука и инжењерство нових материјала, САНУ, Београд (2002-2012 год.) <http://www.itn.sanu.ac.rs/opus4/frontdoor/index/index/docId/352>;  
<http://www.itn.sanu.ac.rs/opus4/frontdoor/index/index/docId/314>
2. Председник организационог Одбора међународне Конференције YUCOMAT 2016 (2016):  
<http://www.mrs-serbia.org.rs/index.php/yucomat-2016/yucomat-2016-book-of-abstracts>
3. Председник организационог Одбора међународне Конференције YUCOMAT 2017 (2017):  
<http://www.mrs-serbia.org.rs/index.php/yucomat-2017/yucomat-book-of-abstracts>