

OTVORENI PRISTUP,  
CREATIVE COMMONS LICENCE  
I SOFTVER OTVORENOG KODA  
U INSTITUTU TEHNIČKIH NAUKA SANU

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Institut tehničkih nauka SANU



# Otvoreni pristup naučnim informacijama

Novi pristup diseminaciji znanja koji počiva na razvoju interneta

- Otvoreni pristup znanju predstavlja javni interes i doprinosi smanjivanju jaza između razvijenih i nerazvijenih, bogatih i siromašnih
- Naučne informacije predstavljaju blago koje omogućava napredak
- Sve informacije u otvorenom pristupu treba čuvati trajno
- Rezultati naučnih istraživanja finansirani iz javnih izvora treba da budu javni



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# Otvoreni pristup i naučne biblioteke

- Informisanje korisnika o prednostima otvorenog pristupa
  - Informisanje korisnika o modelima i kanalima otvorenog pristupa
  - Diseminacija rezultata naučnog rada korišćenjem različitih kanala otvorenog pristupa
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# Kanali otvorenog pristupa u Institutu tehničkih nauka SANU

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Program and the Book of Abstracts / Ninth Young Researchers Conference Materials Sciences and Engineering, December 20–22, 2010, 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, 2010 (Belgrade : Copy Planet). – XIV, 50 str. ; 30 cm

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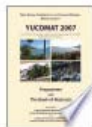
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 Hydroxyapatite nanopowders were prepared in the presence of different concentrations of zirconium ions. Such crystallization conditions yielded significantly reduced particle size and increased specific surface area. Cell viability and oxidative stress studies showed that biocompatibility was not impaired when compared to pure hydroxyapatite. Non-isothermal sintering implied the possibility for suppressing the reaction between hydroxyapatite and zirconia by limiting it to only calcium phosphates. Stress-induced transformation of tetragonal to monoclinic zirconia is facilitated by total hydroxyapatite to  $\beta$ -tricalcium phosphate phase transformation.

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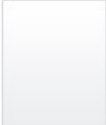
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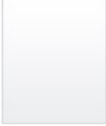

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