**Jelena Potočnik – List of Publications**

**J. Potočnik**, M. Nenadović, N. Bundaleski, M. Popović, Z. Rakočević

*Effect of thickness on optical properties of nickel vertical posts deposited by GLAD technique* Optical Materials 62 (2016) 146-151

**J. Potočnik**, M. Nenadović, N. Bundaleski, B. Jokić, M. Mitrić, M. Popović, Z. Rakočević

*The influence of thickness on magnetic properties of nanostructured nickel thin films obtained by GLAD technique*

Materials Research Bulletin 84 (2016) 455–461

**Jelena Potočnik**, Miloš Nenadović, Bojan Jokić, Maja Popović, Zlatko Rakočević

*Properties of Zig-Zag Nickel Nanostructures Obtained by GLAD Technique*

Science of Sintering 48 (2016) 51-56

Ksenija Zelic, Petar Milovanovic, Zlatko Rakocevic, Sonja Askrabic, **Jelena Potocnik**, Miroslav Popovic, Marija Djuric

*Nano-structural and compositional basis of devitalized tooth fragility*

Dental Materials 30 (2014) 476-486

**J. Potočnik**, M. Nenadović, B. Jokić, S. Štrbac, Z. Rakočević

*Structural Characterization of the Nickel Thin Film Deposited by GLAD Technique*

Science of Sintering45(2013) 61–67

Petar Milovanovic, Marija Djuric, Olivera Neskovic, Danijela Djonic, **Jelena Potocnik**, Slobodan Nikolic, Milovan Stoiljkovic, Vladimir Zivkovic, Zlatko Rakocevic

*Atomic Force Microscopy Characterization of the External Cortical Bone Surface in Young and Elderly Women: Potential Nanostructural Traces of Periosteal Bone Apposition During Aging*

Microscopy & Microanalysis 19 (2013) 1341-1349

M. Nenadović, **J. Potočnik**, M. Mitrić, S. Štrbac, Z. Rakočević

*Modification of high density polyethylene by gold implantation using different ion energies*

Materials Chemistry and Physics 142 (2013) 633-639

M. Nenadović, **J. Potočnik**, M. Ristić, S. Štrbac, Z. Rakočević

*Surface modification of polyethylene by Ag+ and Au+ ion implantation observed by phase imaging atomic force microscopy*

Surface & Coatings Technology 206 (2012) 4242–4248

Petar Milovanovic, **Jelena Potocnik**, Danijela Djonic, Slobodan Nikolic, Vladimir Zivkovic, Marija Djuric, Zlatko Rakocevic

*Age-related deterioration in trabecular bone mechanical properties at material level: Nanoindentation study of the femoral neck in women by using AFM*

Experimental Gerontology 47 (2012) 154–159

Petar Milovanovic, **Jelena Potocnik**, Milovan Stoiljkovic, Danijela Djonic, Slobodan Nikolic, Olivera Neskovic, Marija Djuric, Zlatko Rakocevic

*Nanostructure and mineral composition of trabecular bone in the lateral femoral neck: Implications for bone fragility in elderly women*

Acta Biomaterialia 7 (2011) 3446–3451