

Lista publikacji

- październik 2011

I. Prace oryginalne (rozdziały w książkach zbiorowych, artykuły w czasopismach):

1. Sionkowska A., Planecka A., Kozłowska J., **Skopinska-Wisniewska J.**, Los P., 2011, ***Weathering of chitosan films in the presence of low- and high-molecular weight additives***, *Carbohydrate Polymers* 84: 900-906.
2. Sionkowska A., **Skopińska-Wiśniewska J.**, Kozłowska J., Planecka A., Kurzawa M., 2011, ***Photochemical behaviour of hydrolysed keratin***, *International Journal of Cosmetic Science* 1-6.
3. Sionkowska A., Planecka A., Kozłowska J., **Skopińska-Wiśniewska J.**, 2010, ***Study on the thermal properties of poly(vinyl alcohol) in the presence of collagen***, *Copernican Letters* 1: 112-116.
4. Metreveli N., Jariashvili K., Namicheishvili L., Svintradze D., Mrevlishvili G., Sionkowska A., **Skopinska J.**, 2010, ***UV-Vis and FT-IR spectra of ultraviolet irradiated collagen in the presence of antioxidant ascorbic acid***, *Ecotoxicology and Environmental Safety* 73(3): 448-455.
5. Skrzyński S., Sionkowska A., Marciniak A., **Skopińska-Wiśniewska J.**, 2010, ***Causes of formation of the intervertebral disc diseases, colloquially termed as slipped disk, in the aspect of disorders of structure and function of human collagen- preliminary report***, *The Journal of Orthopaedics Trauma Surgery and Related Research* 1(17): 93-98.
6. Sionkowska A., **Skopinska-Wisniewska J.**, Gawron M., Kozłowska J., Planecka A., 2010, ***Chemical and thermal cross-linking of collagen and elastin hydrolysates***, *International Journal of Biological Macromolecules* 47: 570-577.
7. Sionkowska A., **Skopinska-Wisniewska J.**, Planecka A., Kozłowska J., 2010, ***The influence of UV irradiation on the properties of chitosan films containing keratin***, *Polymer Degradation and Stability* 95: 2486-2491.
8. Sionkowska A., Planecka A., Kozłowska J., **Skopińska-Wiśniewska J.**, 2009, ***Surface properties of UV-irradiated poly(vinyl alcohol) films containing small amount of collagen***, *Applied Surface Science* 255: 4135-4139.
9. Sionkowska A., Planecka A., Kozłowska J., **Skopińska-Wiśniewska J.**, 2009, ***Photochemical stability of poly(vinyl alcohol) in the presence of collagen***, *Polymer Degradation and Stability* 94: 383-388.
10. Sionkowska A., **Skopińska J.**, Wiśniewski M., 2009, ***Collagen synthetic polymer interactions in solution and thin films***, *Journal of Molecular Liquids* 145: 135-138.
11. **Skopińska-Wiśniewska J.**, Sionkowska A., Kamińska A., Kaźnica A., Joachimiak R., Drewa T., 2009, ***Surface characterization of collagen/elastin based biomaterials for tissue regeneration***, *Applied Surface Science* 255: 8286-8292.

12. Sionkowska A., Płancka A., Kozłowska J., **Skopińska-Wisniewska J.**, 2008, ***Collagen fibrils formation in poly(vinyl alcohol) and poly(vinyl pyrrolidone) films***, *Journal of Molecular Liquids* 144: 71-74.
13. Svintradze D. V., Mrevlishvili G. M., Metreveli N., Jariashvili K., Namicheishvili L., **Skopinska J.**, Sionkowska A., 2008, ***Collagen-DNA Complex***, *Biomacromolecules* 9: 21-28.
14. Drewa T., Joachimiak R., Kaznica A., **Skopinska-Wisniewska J.**, Sionkowska A., Sir J., Sarafian V., Łysik-Miśkowska J., 2008, ***Porównanie wzrostu komórek macierzystych mieszków włosowych i szpiku kostnego do wzrostu komórek urothelialnych i fibroblastów na matrycy z kolagenu typu I***, *Polimery w Medycynie* 38(2).
15. Łukasiewicz A., Drewa T., **Skopińska-Wisniewska J.**, Molski S., 2008, ***Zastosowanie implantu kolagenowego powłok jamy brzusznej na modelu zwierzęcym. Doniesienia wstępne***, *Polimery w Medycynie* 38(3).
16. Sionkowska A., Kozłowska J., Płancka A., **Skopinska-Wisniewska J.**, 2008, ***Photochemical stability of poly(vinyl pyrrolidone) in the presence of collagen***, *Polymer Degradation and Stability* 93: 2127-2132.
17. Sionkowska A., Kozłowska J., Płancka A., **Skopińska-Wisniewska J.**, 2008, ***Collagen fibrils in UV irradiated poly(vinyl pyrrolidone) films***, *Applied Surface Science* 255: 2030-2039.
18. Skrzyński S., Sionkowska A., Marciniak A., **Skopińska-Wisniewska J.**, 2008, ***Causes of formation of the invertebral disc diseases, colloquially termed as slipped disk, in the aspects of disorders of structure and function of human collagen-preliminary report***, *The Journal of Orthopaedics Trauma Surgery and Related Research* 46-50.
19. Sionkowska A., **Skopińska J.**, Wisniewski M., Leznicki A., 2007, ***Spectroscopic studies into influence of UV radiation on elastin in the presence of collagen***, *Journal of Photochemistry and Photobiology Part B: Biology* 86: 186-191.
20. Svintradze D. V., Mrevlishvili G. M., Metreveli N., Jariashvili K., Namicheishvili L., **Skopinska J.**, Sionkowska A., 2007, ***Investigation of collagen-DNA films***, *The Journal of Biological Physics and Chemistry* 7: 107-116.
21. Wiśniewski M., Sionkowska A., Kaczmarek H., **Skopińska J.**, Lazare S., Tokarev V., 2006, ***Zastosowanie technik mikroskopii skaningowej do pomiarów właściwości powierzchniowych biomateriałów poddanych działaniu promieniowania laserowego***, *Elektronika* 5: 33.
22. Sionkowska A., **Skopińska J.**, Wisniewski M., Leznicki A., Fisz J. J., 2006, ***Spectroscopic studies into the influence of UV radiation on elstin hydrolysates in water solution***, *Journal of Photochemistry and Photobiology Part B: Biology* 85: 79-84.
23. Sionkowska A., Kaczmarek H., Wisniewski M., **Skopinska J.**, Lazare S., Tokarev V., 2006, ***The influence of UV irradiation on the surface of chitosan films***, *Surface Science* 600: 3775-3779.
24. Sionkowska A., Wisniewski M., **Skopińska J.**, Poggi G. F., Marsano E., Maxwell C. A., Wess T. J., 2006, ***Thermal and mechanical properties of UV irradiated collagen/chitosan thin films***, *Polymer Degradation and Stability* 91: 3026-3032.

25. Wisniewski M., Sionkowska A., Kaczmarek H., **Skopinska J.**, Lazare S., Tokarev V., 2006, ***The influence of KrF laser irradiation on the surface of collagen and collagen/PVP films***, *International Journal of Photoenergy*, Article ID 35126: 1-7.
26. Sionkowska A., Wisniewski M., **Skopinska J.**, Mantovani D., 2006, ***Effects of solar radiation on collagen based biomaterials***, *International Journal of Photoenergy*, Article ID 29196: 1-6.
27. Wisniewski M., Sionkowska A., Kaczmarek H., **Skopinska J.**, Chevallier P., Mantovani D., Lazare S., Tokarev V., 2006, ***The influence of UV irradiation on surface composition of collagen/PVP blended films***, *Applied Surface Science* 253: 1970-1977.
28. Sionkowska A., Wisniewski M., **Skopinska J.**, Marsano E., Vicini S., 2005, ***The influence of UV irradiation on the mechanical properties of chitosan/poly(vinyl pyrrolidone) blends***, *Polymer Degradation and Stability* 88: 261-267.
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30. Habermehl J., Skopinska J., Boccafroschi F., Sionkowska A., Kaczmarek H., Laroche G., Mantovani D., 2005, ***Preparation of ready-to-use, stockable and reconstituted collagen***, *Macromolecular Bioscience* 5: 821-828.
31. Sionkowska A., **Skopinska J.**, Wisniewski M., 2004, ***Photochemical stability of collagen/poly (vinyl alcohol) blends***, *Polymer Degradation and Stability* 83: 117-125.
32. Sionkowska A., Wisniewski M., **Skopinska J.**, Kennedy C. J., Wess T. J., 2004, ***Molecular interactions in collagen and chitosan blends***, *Biomaterials* 25: 795-801.
33. Sionkowska A., Wisniewski M., **Skopinska J.**, Kennedy C. J., Wess T. J., 2004, ***The photochemical stability of collagen-chitosan blends***, *Journal of Photochemistry and Photobiology, Part A: Chemistry* 162: 545-554.
34. Sionkowska A., Kaczmarek H., Kowalonek J., Wisniewski M., **Skopinska J.**, 2004, ***Surface characteristic of UV irradiated collagen/PVP blends***, *Surface Science* 566-568: 608-612.
35. Marsano E., Vicini S., **Skopinska J.**, Wisniewski M., Sionkowska A., 2004, ***Chitosan and poly(vinyl pyrrolidone): compatibility and miscibility of blends***, *Macromolecular Symposia* 218: 251-260.
36. Sionkowska A., **Skopinska J.**, Wisniewski M., Manas S., Richter C., 2003, ***The influence of solar UV irradiation on collagen based biomaterials***, *The improving human potential programme-research results at Plataforma Solar de Almeria* 107.

II. Prace pokonferencyjne i doniesienia zjazdowe:

1. **Skopińska-Wisniewska J.**, Sionkowska A., Wieczorek A., Kozłowska J., Płanecka A., 2011, ***The mechanical and thermal properties of poly(winył alkohol)/elastin hydrolysates blends***, *Engineering of Biomaterials* 14(109-111): 29-31.
2. Sionkowska A., Kozłowska J., Płanecka A., **Skopińska-Wisniewska J.**, Łoś P., 2010, ***Surface properties of different chitosan materials***, *Engineering of Biomaterials* 13(99-101): 53-55.

3. Sionkowska A., Płanecka A., Kozłowska J., Łoś P., **Skopińska-Wiśniewska J.**, 2010, ***Photochemical stability of chitosan in the presence of small amount of collagen, glutathione, camphoroquinone, phenylalanine and tyrosine***, *Engineering of Biomaterials* 13(99-101): 90-92.
4. **Skopińska-Wiśniewska J.**, Sionkowska A., Gawron M., Kozłowska J., Płanecka A., 2010, ***The characterization of cross-linked collagen and collagen-elastin based biomaterial***, *Engineering of Biomaterials* 13(99-101): 97-99.
5. **Skopińska-Wiśniewska J.**, Sionkowska A., Kozłowska J., Płanecka A., 2009, ***The modification of biomaterials properties by addition of keratin hydrolysates***, *Engineering of Biomaterials* 89-91: 122-124.
6. Chaberska H., **Skopińska-Wiśniewska J.**, Pokrywczyńska M., Sionkowska A., 2008, ***Wpływ fotoutleniania powierzchni filmów poli(metakrylanu metylu) na ich biokompatybilność***, *Engineering of Biomaterials* 77-80: 93-95.
7. Sionkowska A., Kaczmarek H., Wiśniewski M., **Skopińska J.**, ***The comparison of photodegradation of natural polymers by solar and artificial UV radiation***, [w:] ***Natural and artificial ageing of polymers***, Reichert T., Fraunhofer Institut für Chemische Technologie ICT, CEEES Publication No 8, Germany, 2007: 305-314.
8. Sionkowska A., Wiśniewski M., **Skopińska-Wiśniewska J.**, Metreveli N., Jariashvili K., Namicheishvili L., Svintradze D., Mrevlishvili G., ***Modyfikacja kolagenu promieniowaniem UV w obecności kwasu askorbinowego***, [w:] ***Modyfikacja polimerów. Stan i perspektywy w roku 2007***, Steller R., Żuchowska D., Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław, 2007: 345-348.
9. Śmiechowski K., Żarłok J., Sionkowska A., **Skopińska-Wiśniewska J.**, Maxwell C. A., Wess T. J., ***Degradacja termiczna kolagenu w skórze wyprawionej***, [w:] ***Modyfikacja polimerów. Stan i perspektywy w roku 2007***, Steller R., Żuchowska D., Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław, 2007: 359-362.
10. **Skopinska-Wisniewska J.**, Sionkowska A., Joachimiak R., Kaźnica A., Drewa T., Bajer K., Dzwonkowski J., 2007, ***The modification of new collagen-elastin hydrolysates biomaterials by ultraviolet irradiation***, *Engineering of Biomaterials* 69-72: 67-69.
11. Drewa T., Joachimiak R., Kaźnica A., **Skopinska-Wisniewska J.**, Sionkowska A., 2007, ***The comparison study on collagen scaffolds seeded with hair follicle epithelial cells and urothelials cells***, *Tissue Engineering* 13(7): 1762-1763.