

## Vybrané publikace / Selected publications

Hloch S., Valíček J.: Topographical anomaly on surfaces created by abrasive waterjet. International Journal of Advanced Manufacturing Technology, 2012, Roč. 58, s. 1-12.

Hlaváč L.M., Bodnárová L., Janurová E., Sitek L.: Comparison of continuous and pulsing water jets for repair actions on road and bridge concrete. The Baltic Journal of Road and Bridge Engineering, Vol. 7, No. 1, 2012, pp. 53 – 59.

Sitek L., Foldyna J., Martinec P., Ščučka J., Bodnárová L., Hela R.: Use of pulsating water jet technology for removal of concrete in repair of concrete structures. Baltic Journal of Road and Bridge Engineering, 2011, Roč. 6, č. 4, s. 235-242.

Hloch S., Tozan H., Yagimli M., Valíček J., Rokosz K.: Using waterjet in reverse logistic operations in discarded munitions processing. Technicki vjesnik - Technical Gazette, 2011, Roč. 18, č. 2, s. 267-271.

Hloch S., Valíček J., Kozak D.: Preliminary results of experimental cutting of porcine bones by abrasive waterjet. Technicki vjesnik - Technical Gazette, 2011, Roč. 18, č. 3, s. 467-470.

Hela R., Bodnárová L., Sitek L., Foldyna J.: High-speed water jet technology for renovation of concrete structures – new trends and possibilities. Cement Wapno Beton, 2010, Roč. 15, č. 5, s. 268-278.

Remesat D., Říha Z.: Consider CFD analysis to support critical separation operations. Hydrocarbon Processing, 2010, Roč. 89, č. 5, s. 25-31.

Hreha P., Hloch S., Magurová D., Valíček J., Kozak D., Harničárová M., Rakin M.: Water Jet Technology Used in Medicine. Technicki vjesnik - Technical Gazette, 2010, Roč. 17, č. 7, s. 237-240.

Foldyna J., Sitek L., Ščučka J., Martinec P., Valíček J., Páleníková K.: Effects of pulsating water jet impact on aluminium surface. Journal of Materials Processing Technology, 2009, Roč. 2009, č. 20, s. 6174-6180.

Hlaváček P., Valíček J., Hloch S., Greger M., Foldyna J., Ivandič Ž., Sitek L., Kušnerová M., Zeleňák M.: Measurement of Fine Grain Copper Surface Texture Created by Abrasive Water Jet Cutting. Strojarstvo, 2009, Roč. 51, č. 4, s. 273-279.

Foldyna J., Sitek L., Habán V.: Acoustic wave propagation in high-pressure system. Ultrasonics, 2006, Roč. 44, -, s. 1457-1460.

Foldyna J., Sitek L., Švehla B., Švehla Š.: Utilization of ultrasound to enhance high-speed water jet effects. Ultrasonics Sonochemistry, 2004, Roč. 11, -, s. 131-137.

Turčániová L., Kádárová J., Imrich P., Liptaj T., Vidlář J., Vašek J., Foldyna J., Sitek L., Baláž P.: Reactivity of mechanical activated coals for special utilization. Journal of Materials Science, 2004, Roč. 39, 16-17, s. 5467-5470.

Martinec P., Foldyna J., Sitek L., Ščučka J., Vašek J.: Abrasives for AWJ Cutting. Ostrava : ÚGN AV ČR, 2002. 84 s.