

- REK, Zlatko, GREGORC, Jurij, BOUAIFI, Mounir, DANIEL, Claude. Numerical simulation of gas jet in liquid crossflow with high mean jet to crossflow velocity ratio. *Chemical Engineering Science*, 2017, vol. 172, str. 667-676.
- LIU, Qingguo, ŠARLER, Božidar. A non-singular method of fundamental solutions for two-dimensional steady-state isotropic thermoelasticity problems. *Engineering analysis with boundary elements*, 2017, vol. 75, str. 89-102.
- MAVRIČ, Boštjan, ŠARLER, Božidar. Application of the RBF collocation method to transient coupled thermoelasticity. *International journal of numerical methods for heat & fluid flow*, 2017, vol. 27, iss. 5, str. 1064-1077.
- ŠIBANC, Rok, LUŠTRIK, Matevž, DREU, Rok. Analysis of pellet coating uniformity using a computer scanner. *International journal of pharmaceutics*, 2017, vol. 533, iss. 2, str. 377-382.
- PIRNAR, Jernej, ŠIROK, Brane, BOMBAČ, Andrej. Effect of airway surface liquid on the forces on the pharyngeal wall : experimental fluid-structure interaction study. *Journal of biomechanics*, 2017, vol. 63, str. 117-124.
- HATIĆ, Vanja, MAVRIČ, Boštjan, KOŠNIK, Nejc, ŠARLER, Božidar. Simulation of direct chill casting under the influence of a low-frequency electromagnetic field. *Applied mathematical modelling*, 2017, str. 1-40,
- DOBRAVEC, Tadej, MAVRIČ, Boštjan, ŠARLER, Božidar. A cellular automaton - finite volume method for the simulation of dendritic and eutectic growth in binary alloys using an adaptive mesh refinement. *Journal of computational physics*, 2017, vol. 349, str. 351-375.
- NAGODE, Aleš, RESNIK, Andrej, VERTNIK, Robert, BIZJAK, Milan, KOSEC, Borut, GOJIĆ, Mirko, KOSEC, Gorazd, ŠARLER, Božidar, ZORC, Borut. The development of a banded microstructure in S355J2 steel bar. *Kovové materiály*, 2017, vol. 55, no. 1, str. 51-56.
- OBERTHUER, Dominik, ŠARLER, Božidar, BELŠAK, Grega, MAČEK, Marjan. Double-flow focused liquid injector for efficient serial femtosecond crystallography. *Scientific reports*, 2017, vol. 7, str. 1-7.