

Autorské a spoluautorské publikace doc. RNDr. Mileny Kušnerové, Ph.D.
 evidované v databázích Web of Science a Scopus,
 a to za období 2016-2011

1. Modelling of stress-strain states of nanomaterials created by multiple plastic deformation. By: Kušnerová, M.; Valík, J.; Harníárová, M.; Hutýrová, Z.; Tozan, H.; Rokosz, K. JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, Volume: 16, Issue: 8, Pages: 7826-7828, Published: **2016**.

2. Research of relations between thermodynamic quantities of building materials in connection with heat dissipation. By: Kušnerová, M.; Valík, J.; Václavík, V.; Harníárová, M.; Gola, L. SOLID STATE PHENOMENA, Volume: 244, Pages: 48-53, Published: **2016**.

3. Comparative measurements of the thermal properties of solid materials on a new device and using a new non-stationary method. By: Kušnerová, M.; Gola, L.; Valík, J.; Václavík, V.; Harníárová, M.; Pandová, I.; Košťál, P. DEFECT AND DIFFUSION FORUM, Volume: 366, Pages 63-72, Published: **2016**.

4. Method of determination of enthalpy and entropy for the technology of laser cutting. By: Harníárová, M.; Valík, J.; Kušnerová, M.; Hutýrová, Z.; Panda, A.; Temucin, T. Conference: 9th International Conference on Advanced Computational Engineering and Experimenting (ACE-X), Location: Germany, Date: JUN 29 - JUL 02, 2015; MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, Volume: 47, Issue: 5-6, Special Issue: SI, Pages: 452-461, Published: **2016**.

5. A new approach for the determination of technological parameters for hydroabrasive cutting of materials. By: Valík, J.; Harníárová, M.; Hlavatý, I.; Grznárik, R.; Kušnerová, M.; Hutýrová, Z.; Panda, A. Conference: 9th International Conference on Advanced Computational Engineering and Experimenting (ACE-X), Location: Germany, Date: JUN 29- JUL 02, 2015. MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, Volume: 47, Issue: 5-6, Special Issue: SI, Pages: 462-471, Published: **2016**.

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