

## Ohlasy / Citations, reviews

**Department: SAVMATVY - Ústav materiálového výskumu SAV**  
**Date of citation, review: 2011~2014**

### Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	1282
Citations in SCOPUS (1.2, 2.2)	353
Citations in other citation indexes and databases (not listed above) (3.2, 4.2, 9, 10)	0
Other citations (not listed above) (3, 4, 3.1, 4.1)	103
Reviews (5, 6)	0
<b>Count</b>	<b>1738</b>

### AAA Scientific monographs published abroad

AAA01 CENIGA, Ladislav. *Analytical models of thermal stresses in composite materials I.* New York : Nova Science Publishers, 2008. 323 p. ISBN 978-1-60456-085-5.

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- [1.1] SUHIR, E.: ZAMM-Zeitschrift fur Angewandte Mathematik und Mechanik, vol. 91, 2011, p. 371-385, WOS

AAA02 ŠALAK, Andrej. *Ferrous powder metallurgy.* Cambridge : Cambridge International Science Publ., 1995. 453 p. ISBN 1-898326-03-7.

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- [1.1] Annamalai, R. - Upadhyaya, A. - Agrawal, D.: BULLETIN OF MATERIALS SCIENCE, Vol. 36, 2013, Iss. 3, p. 447-456, WOS
- [1.1] BIDULSKÁ, J. - KVAČKAJA, T. - BIDULSKÝ, R. - ACTIS GRANDE, M.: Acta Physica Polonica A, 2012, vol.122, no.3, 553-556, WOS
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- [1.1] Ciobanu, M. - Nicolicescu, C. - Bucse, IG. - Stefan, I.: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 15, 2013, Iss. 7-8, p. 797-802, WOS

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- [1.1] GHERMEC, C., GHERMEC, O., TROTEA, M.: Materials Science Forum, vol. 672, 2011, p. 113-116, WOS
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- [1.1] Chasoglou, D. - Hryha, E. - Norell, M. - Nyborg, L.: APPLIED SURFACE SCIENCE, Vol. 268, 2013, p. 496-506, WOS
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- [3] CHASOGLOU, D., SENANEUCH, J., BERG, S., SURREDI, K.B., TROELL, E.: PM 2014. 2014 world congress on powder metallurgy and particulate materials. Orlando, 18.-22.5.2014. MPIF, 2014, CD
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- [4] GIERL-MAYER, C. - JALILIZIYAEIAN, M. - DANNINGER, H. - DUDROVÁ, E.: Powder Metallurgy Progress, vol. 14, 2014, p. 73-84
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*Machinability of powder metallurgy steels.* Cambridge : Cambridge International Science Publ., 2005. 536 p. ISBN 1-898326-82-7.

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#### **ABC Chapters in scientific monographs published abroad**

ABC01 HRYHA, Eduard - DUDROVÁ, Eva. The sintering behaviour of Fe-Mn-C powder system, correlation between thermodynamics and sintering process, manganese distribution and microstructure composition, effect of alloying mode. In *Application of Thermodynamics to Biological and Materials Science*. Ed. Tadashi Mizutani. - Rijeka : InTech - Open Access Publisher, 2011, p. 573-602. ISBN 978-953-307-980-6.

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- [3] AGUIRRE, L., ST-LAURENT, S., THOMAS, Y.: PM 2014. 2014 world congress on powder metallurgy and particulate materials. Orlando, 18.-22.5.2014. MPIF, 2014, CD
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ABC02 HVIZDOŠ, Pavol - PUCHÝ, Viktor - DUSZOVÁ, Annamária - DUSZA, Ján. Carbon nanofibers reinforced ceramic matrix composites. In *Nanofibers - production, properties and functional applications*. Ed. Tong Lin. - Rijeka : InTech, 2011, p. 241-266. ISBN 978-953-307-420-7.

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- [1.1] Rakov, E. G.: RUSSIAN CHEMICAL REVIEWS, Vol. 82, 2013, Iss. 1, p. 27-47, WOS

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ADCA01 ACHIMOVICOVÁ, Marcela - DANEU, Nina - REČNIK, Aleksander - ŽURIŠIN, Juraj - BALÁŽ, Peter - FABIÁN, Martin - KOVÁČ, Jaroslav - ŠATKA, A. Characterization of mechanochemically synthesized lead selenide. In *Chemical papers*, 2009, vol. 63, no. 5, p. 562-567. (0.758 - IF2008). (2009 - Current Contents). ISSN 0366-6352.

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- [1.1] GARCIA-GUTIERREZ, Domingo I. - DE LEON-COVIAN, Lina M. - GARCIA-GUTIERREZ, Diana F. - TREVINO-GONZALEZ, M. - GARZA-NAVARRO, M. A. - SEPULVEDA-GUZMAN, S. On the role of Pb-0 atoms on the nucleation and growth of PbSe and PbTe nanoparticles. In JOURNAL OF NANOPARTICLE RESEARCH. ISSN 1388-0764, 2013, vol. 15, no. 5, pp., WOS
- [1.1] KOTKATA, M. F. - AL-KOTB, M. S. - EL-HOUSSIENY, I. G. Observation of the Meyer-Neldel rule in nanocrystalline PbSe thin films. In PHYSICA SCRIPTA. ISSN 0031-8949, 2014, vol. 89, no. 11, pp., WOS
- [1.1] ROJAS-CHAVEZ, H. - REYES-CARMONA, F. - JARAMILLO-VIGUERAS, D. Solid-state reactions to synthesize nanostructured lead selenide semiconductor powders by high-energy milling. In MATERIALS RESEARCH BULLETIN, 2011, vol.46, no.10, 1560-1565., WOS
- [1.1] TAN, G. - LI, S. - MUROWCHICK, J.B. - WISNER, C. - LEVENTIS N. - PENG Z. Preparation of uncapped CdSe<sub>1-x</sub>S<sub>x</sub> semiconducting nanocrystals by mechanical alloying. In Journal of Applied Physics 110 (12) (2011), 124306, WOS
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- [1.2] HOSSEINPOUR-MASHKANI, Seyed Mostafa - RAMEZANI, Majid - VATANPARAST, Morteza. Synthesis and characterization of lead selenide nanostructure through simple sonochemical method in the presence of novel precursor. In Materials Science in Semiconductor Processing. ISSN 13698001, 2014-01-01, 26, 1, pp. 112-118., SCOPUS
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- [3.1] ROJAS-CHÁVEZ, H. - REYES-CARMONA, F. - MONDRAGÓN-SÁNCHEZ, M.L. - JARAMILLO-VIGUERAS, D. Aspectos físico-químicos inherentes al ciclo de molienda del PbTe. In Revista Colombiana de Materiales, Núm. 5 (2014), 225-232

ADCA02 ŠPAKOVÁ, Jana - DORČÁKOVÁ, Františka - DUSZA, Ján. Indentation load/size effect of structural ceramic materials. In *Chemické listy*, 2011, roč. 105, s. s218-s222. (0.620 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 0009-2770.

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ADCA03 AZHNIUK, Y.M. - GOMONNAI, A.V. - RUBISH, V.M. - RIGAN, M.Y. - SOLOMON, A.M. - GOMONNAI, O.O. - GURANICH, O.G. - PETRYSHYNETS, Ivan - ZAHN, D.R.T. In situ Raman observation of laser-induced formation of TlInSe<sub>2</sub> crystallites in Tl-In-As-Se glass. In *Journal of Physics and Chemistry of Solids*, 2013, vol. 74, p. 1452-1458. (1.527 - IF2012). (2013 - Current Contents). ISSN 0022-3697.

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ADCA05 BALÁŽ, Peter - BÁLINTOVÁ, Magdaléna - BASTL, Zdeněk - BRIANČIN, Jaroslav - ŠEPELÁK, Vladimír. Characterization and reactivity of zinc sulphide prepared by mechanochemical synthesis. In *Solid State Ionics : diffusion and reactions*, 1997, vol. 101-103, p. 45-51. (1.510 - IF1996). (1997 - Current Contents). ISSN 0167-2738.

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