

Ohlasy / Citations, reviews

Institute: SAVMATVY - Ústav materiálového výskumu SAV
Date of citation, review: 2015~2020

Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	5174
Citations in SCOPUS (1.2, 2.2)	593
Citations in other citation indexes and databases (not listed above) (3.2, 4.2)	0
Other citations (not listed above) (3.1, 4.1)	70
Reviews (5, 6)	0

Count **5837**

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. [1.1] Akeju, Victor O.; Afeni, Thomas B.: JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY Volume: 10 Issue: 8 Pages: 1065-1085 Published: AUG 2015, Registrované v: 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. [4.1] DANNINGER, H. - WEISS, B. - BETZWAR-KOTAS, A. - KHATIBI, G. - SOHAR, C. - DLAPKA, M. - GIERL-MAYER, C.: Powder Metallurgy Progress, vol. 15, 2015, no. 2, p. 218-233

ABC Chapters in scientific monographs published abroad

ABC01 DUSZA, Ján - ŠAJGALÍK, Pavol. Fracture toughness and strength testing of ceramic composites. In *Handbook of Advanced Materials Testing*. - New York : Marcel Dekker, Inc., 1995, p. 399-435.

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- ABC02 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. [1.1] JEON, Jonggyu - NAM, Seungjin - KANG, Singon - SHIN, Jaehyuck - CHOI, Hyunjoo. Mechanical behavior of ultrafine-grained high-Mn steels containing nanoscale oxides produced by powder technology. In MATERIALS & DESIGN. ISSN 0264-1275, 2016, vol. 92, no., pp. 73-78., Registrované v: WOS
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- ABC03 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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5. [1.1] KUMAR, Sandeep - BHATIA, Rakesh - SINGH, Hazoor. High-Temperature Corrosion Behaviour of CNT-reinforced Zirconium Yttrium Coatings on Boiler Tube Steel in Coal-Fired Boiler of Thermal Power Plant. In *JOURNAL OF FAILURE ANALYSIS AND PREVENTION*. ISSN 1547-7029, 2020, vol. 20, no. 6, pp. 2029-2039., Registrované v: WOS

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ABC04 HVIZDOŠ, Pavol - VENCL, Aleksandar. Ceramic matrix composites with carbon nanophases: Development, Structure, mechanical and tribological properties and electrical conductivity. In *Encyclopedia of Materials: Composites*. Vol. 2. - Oxford : Elsevier, 2021, p. 116-133. ISBN 978-0-12-803581-8.11858-2. Dostupné na: <https://doi.org/10.1016/B978-0-12-803581-8.11858-2>

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ABC06 KOVAL, Vladimír - VIOLA, Giusuppe - TAN, Yongqiang. Biasing effects in ferroic materials. In *Ferroelectric materials - synthesis and characterization*. - Rijeka : InTech, 2015, p. 205-245. ISBN 978-953-51-2147-3.

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5. [1.1] Liu, Fanmao; Fina, Ignasi; Bertacco, Riccardo; et al.: SCIENTIFIC REPORTS Volume: 6 Article Number: 25028 Published: APR 28 2016, Registrované v: WOS

6. [1.1] Mishra, Monali; Roy, Amritendu; Garg, Ashish; et al.: JOURNAL OF ALLOYS AND COMPOUNDS Volume: 721 Pages: 593-599 Published: OCT 15 2017, Registrované v: WOS

7. [1.1] NAIDU, K. Chandra Babu - REDDY, V. Narasimha - SARMASH, T. Sofi - KOTHANDAN, D. - SUBBARAO, T. - KUMAR, N. Suresh. Structural, morphological, electrical, impedance and ferroelectric properties of BaO-ZnO-TiO₂ ternary system. In JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY. ISSN 2510-1560, 2019, vol. 55, no. 1, pp. 201-218., Registrované v: WOS

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Mengfei - TANG, Mingkai - TANG, Yong - JIA, Tingting - LI, Jiangyu. Highly Robust Flexible Ferroelectric Field Effect Transistors Operable at High Temperature with Low-Power Consumption. In *ADVANCED FUNCTIONAL MATERIALS*. ISSN 1616-301X, 2020, vol. 30, no. 1, pp., Registrované v: WOS

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ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

ADCA01 ABBAS, Aqeel** - HUANG, Song-Jeng - BALLÓKOVÁ, Beáta - SÜLLEIOVÁ, Katarína. Tribological effects of carbon nanotubes on magnesium alloy AZ31 and analyzing aging effects on CNTs/AZ31 composites fabricated by stir casting process. In *Tribology International*, 2020, vol. 142, p. 105982. (2019: 4.271 - IF, Q1 - JCR, 1.536 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0301-679X. Dostupné na: <https://doi.org/10.1016/j.triboint.2019.105982>

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2. [1.1] DHINAKARRAJ, C. K. - SENTHILKUMAR, N. - BADRI, M. A. - ANBUCHEZHIAN, G. Vibration and Damping Behavior of Si3N4 Reinforced Magnesium Alloy Composite for Structural Applications. In *JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS*. ISSN 1480-2422, 2020, vol. 23, no. 3, pp. 182-189., Registrované v: WOS
3. [1.1] JAYASATHYAKAWIN, S. - RAVICHANDRAN, M. - BASKAR, N. - CHAIRMAN, C. Anand - BALASUNDARAM, R. Mechanical properties and applications of Magnesium alloy Review. In *MATERIALS TODAY-PROCEEDINGS*. ISSN 2214-7853, 2020, vol. 27, no., pp. 909-913., Registrované v: WOS
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