

A legfrissebb szakirodalmi források

Óbudai Egyetem Egyetemi Könyvtár

Szakirodalmi ajánló intelligens anyagok, kompozit-szerkezetek és hálózat kutatás témakörben

2020/3. sz. hírlevél

Open access források

Xiebin Wang, Sergey Kustov, Jan Van Humbeeck: [A Short Review on the Microstructure, Transformation Behavior and Functional Properties of NiTi Shape Memory Alloys Fabricated by Selective Laser Melting](#) (2018)

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Grażyna Bartkowiak, Anna Dąbrowska, Agnieszka Greszta: [Development of Smart Textile Materials with Shape Memory Alloys for Application in Protective Clothing](#) (2020)

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Musa Yahaya Pudza et al.: [Sustainable Synthesis Processes for Carbon Dots through Response Surface Methodology and Artificial Neural Network](#) (2019)

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Mayur Parmar, Sagil James: [Experimental and Modeling Study of Liquid-Assisted—Laser Beam Micromachining of Smart Ceramic Materials](#) (2018)

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Carlos Gonçalves et a.: [Wearable E-Textile Technologies: A Review on Sensors, Actuators and Control Elements](#) (2018)

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Emily Mastronardi et al.: [Smart Materials Based on DNA Aptamers: Taking Aptasensing to the Next Level](#) (2014)

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Zhaoyang Liu, Jiayang Shu: [Characterization of Microstructure, Precipitations and Microsegregation in Laser Additive Manufactured Nickel-Based Single-Crystal Superalloy](#) (2020)

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Taylor Anderson, Suzana Dragičević: [Representing Complex Evolving Spatial Networks: Geographic Network Automata](#) (2020)

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Cynthia SQ Siew: [Applications of Network Science to Education Research: Quantifying Knowledge and the Development of Expertise through Network Analysis](#) (2020)

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Gennaro Salvatore Ponticelli et al.: [Combined Fuzzy and Genetic Algorithm for the Optimisation of Hybrid Composite-Polymer Joints Obtained by Two-Step Laser Joining Process](#) (2020)

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Chi Cuong Vu, Jooyong Kim: [Highly Sensitive E-Textile Strain Sensors Enhanced by Geometrical Treatment for Human Monitoring](#) (2020)

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(Adatbázis: DOAJ)

Niina Halonen et al.: [Bio-Based Smart Materials for Food Packaging and Sensors – A Review](#) (2020)

DOI: 10.3389/fmats.2020.00082

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Michael Maiwald: [Integrated and Networked Systems and Processes—A Perspective for Digital Transformation in Thermal Process Engineering](#) (2020)

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George K. Stylios: [Novel Smart Textiles](#) (2020)

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George K. Stylios, Meixuan Chen: [The Concept of Psychotextiles; Interactions between Changing Patterns and the Human Visual Brain, by a Novel Composite SMART Fabric](#) (2020)

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S. Marimuthu, J. Dunleavey, B. Smith: [Laser Based Machining of Aluminum Metal Matrix Composites](#) (2019)

DOI: 10.1016/j.procir.2019.09.007

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Hongliang Wang et al.: [Laser Joining of Carbon-Fiber-Reinforced Polymer and Metal with High-Strength and Corrosion-Resistant Bonds](#) (2019)

DOI: 10.1016/j.promfg.2019.06.112

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Dongyang Yan et al.: [Network-Based Bag-of-Words Model for Text Classification](#) (2020)

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Wang, Peng et al.: [Comparative analysis of layered structures in empirical investor networks and cellphone communication networks](#) (2020)

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Források az előfizetett adatbázisokból

Az előfizetett adatbázisok elérése az Óbudai Egyetem hálózatából, automatikus IP cím azonosítással történik. Az egyes adatbázisok távoli elérésével, otthoni használatával kapcsolatban keresse az Egyetemi Könyvtár munkatársait.

Tae-Ho Lee, Soon-Mi Hwang, Myong-Jae Yoo: [Investigation of CuAlO₂ composite dielectric properties and selective metallization by laser direct structure technology](#) (2020)

DOI: 10.1016/j.jeurceramsoc.2019.11.036

(Adatbázis: *ScienceDirect*)

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Dikran Boyaciyan, Regine von Klitzing: [Stimuli-responsive polymer/metal composites: From fundamental research to self-regulating devices](#) (2019)

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Kakeru Enami et al.: [Experimental and simulative investigation of the effects of laser-structured metal surface on metal-polymer direct joining](#) (2020)

DOI: 10.1016/j.precisioneng.2019.12.011

(Adatbázis: *ScienceDirect*)

F. Lambiase, S. Genna: [Homogenization of temperature distribution at metal-polymer interface during Laser Direct Joining](#) (2020)

DOI: 10.1016/j.optlastec.2020.106226

(Adatbázis: *ScienceDirect*)

Seung-Gwang Kim et al.: [Joining of metals and polymers using powder metallurgy with laser irradiation](#) (2019)

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