

1. Hyeondeok Jeong, Sung-Soo Ryu, Effect of Glass-Coated Al Paste on Back-Surface Field Formation in Si Solar Cells [full text PDF](#)
2. Nu Si A Eom, Muhammad Aneeq Haq, Jimin Lee, Kyoung-Mook Lim, Taek Soo Kim, Yong-Ho Choa, Bum Sung Kim, Control of Nd-Fe-B Morphology as Function of the PVP Concentration Using Electrospinning Process [full text PDF](#)
3. Dae-Kyeom Kim, Young Il Kim, Hwaseon Lee, Young Do Kim, Dongju Lee, Bin Lee, Taek-Soo Kim, Gas Atomization Parametric Study on the VIGA-CC Based Synthesis of Titanium Powder [full text PDF](#)
4. Seunggyu Choi, Junhyub Jeon, Namhyuk Seo, Young Hoon Moon, In-Jin Shon, Seok-Jae Lee, Effect of Composition on Strain-Induced Martensite Transformation of FeMnNiC Alloys Fabricated by Powder Metallurgy [full text PDF](#)
5. Namhyuk Seo, Junhyub Jeon, Seunggyu Choi, Young Hoon Moon, In-Jin Shon, Seok-Jae Lee, Microstructural and Mechanical Characteristics of Non-Equiatomic High Entropy Alloy FeMnCoCr Prepared by Spark Plasma Sintering [full text PDF](#)
6. Jun Hyuk Jung, Jiwon Hong, Youngryeul Kim, Seok-Min Yong, Jinwoo Park, Seung Jun Lee, Electrothermal Properties and RF Transmittance of Spray-coated CNT Thin Film for Radome De-icing Application [full text PDF](#)
7. Ahmad Zakiyuddin, Arya Abietta Irawan, Oknovia Susanti, Sri Harjanto, Degradation Characterization and Mechanisms of Warm Rolled Mg-1.6Gd with 95% Reduction Ratio for Biodegradable Implant Applications [full text PDF](#)
8. Deokhyun Han, Geon-Hong Kim, Jaesung Kim, Byungmin Ahn, Effect of Al/Cu Weight Fraction on the Mechanical and Electrical Properties of Al-Cu Conductors for Overhead Transmission Lines [full text PDF](#)
9. Sun-Woo Bae, Xuan-Khoa Huynh, Ji-Soon Kim, Effect of Fabrication Method of Fe-TiB₂ Nanocomposite Powders on Spark- Plasma Sintering Behavior [full text PDF](#)
10. Hyo-Sang Yoo, Yong-Ho Kim, Hyeon-Taek Son, Effect of Fe Content on the Mechanical Properties and Thermal Conductivity of the Al-RE Alloys [full text PDF](#)
11. Ki-Hwan Kim, Seung-Uk Mun, Seong-Jun Ha, Seoung-Woo Kuk, Jeong-Yong Park, Fabrication of U-10wt.%Zr-RE Fuel Slugs by Recycling of Metallic Fuel Scraps [full text PDF](#)
12. Seong Yu Yoon, Byung Joon Choi, Electrical Characteristics of Tin Oxide Films Grown by Thermal Atomic Layer Deposition [full text PDF](#)
13. Yong-Ho Kim, Ik-Hyun Oh, Hyo-Sang Yoo, Hyun-Kuk Park, Jung-Han Lee, Hyeon-Taek Son, Effects of Si Addition on Microstructure and Mechanical Properties of the Al Alloys with High Cr Content Prepared by Gas Atomization and SPS Processes [full text PDF](#)
14. Sung-Wook Kim, Min Ku Jeon, Kirak Lee, Investigation of CO₂ Capture Property of CaO Sorbent in Various Molten Chloride Media with Different Operation Temperature [full text PDF](#)
15. Kyeong Hwan Jo, Jong-Hyun Lee, Die Attachment Method on a Cu Finish by Pressure-Assisted Sinter Bonding in Air Using Cu Formate Paste [full text PDF](#)
16. Il-Kyu Park, Sang-Seok Lee, Yong Kyoon Mok, Chan-Woo Jeon, Hyun-Gil Kim, Dynamic Charge Carrier Transport Behaviors in Zirconium Oxide for Nuclear Cladding Materials [full text PDF](#)

17. Jinsoo Park, Hojae Lee, Hanshin Choi, Buildability of Mortar Feedstock in Material Extrusion Additive Manufacturing [full text PDF](#)
18. Tae-Hyun Park, Min-Seok Baek, Yongho Sohn, Kee-Ahn Lee, Effect of Post-Heat Treatment on the Wear Properties of AlSi10Mg Alloy Manufactured by Selective Laser Melting [full text PDF](#)
19. Tae-Hoon Kang, Kyu-Sik Kim, Min-Jeong Lee, Jung-Yeul Yun, Kee-Ahn Lee, Fabrication and Compressive Properties of Open-Cell Ni-Mo-Cr (Hastelloy) Foams Manufactured by Electrostatic Powder Spraying [full text PDF](#)
20. Gi-Su Ham, Dong-Yeol Wi, Sun-Hong Park, Kee-Ahn Lee, Effect of High Frequency Heat Treatment on the Microstructure and Macroscopic Properties of WC-50Ni+Stellite 1 Coating Layer Fabricated by HVOF Spray Process [full text PDF](#)
21. Seong-Hee Lee, Fabrication and Evaluation of AA6061/AA5052/AA6061/AA5052 Multi-Layer Complex Sheet by Cold-Roll Bonding Process [full text PDF](#)
22. Jun Sae Han, Jae Man Park, Seong Jin Park, Master Curve Model for Characterization of Decomposition and Densification Behavior of PbAlNbO₃-PbZrTiO₃ Ceramics [full text PDF](#)
23. Chul-Hee Lee, Peyala Dharmaiah, Jun-Woo Song, Kwang-Yong Jeong, Soon-Jik Hong, Influence of Spark Plasma Sintering Temperature on Microstructure and Thermoelectric Properties of Cu-Doped Bi_{0.5}Sb_{1.495}Te₃ Compound [full text PDF](#)
24. Jeong Hyun Kim, Myeongjun Ji, Cheol-Hui Ryu, Young-In Lee, Effect of Pyrolysis Conditions on the Physicochemical Properties of Graphitic Carbon Nitride for Visible-Light-Driven Photocatalytic Degradation [full text PDF](#)
25. Ju-Yeon Han, Jong Min Byun, Young-In Lee, Byung Joon Choi, Hogyoung Kim, Sung-Tag Oh, Dilatometric Analysis of the Sintering Behavior of Bi₂Te₃ Thermoelectric Powders [full text PDF](#)
26. I. Bednarczyk, D. Kuc, A. Tomaszewska, M. Tkocz, The Effect of Extrusion in the Complex Strain State on the Microstructure and Mechanical Properties of MgAlZn Magnesium Alloys [full text PDF](#)
27. M. Mitka, D. Kalita, A. Góral, L. Lityńska-Dobrzyńska, The Effect of Transition Metals on Quasicrystalline Phase Formation in Mechanically Alloyed Al₆₅Cu₂₀Fe₁₅ Powder [full text PDF](#)
28. M. Wojnicki, P. Żabiński, Edit Csapó, Kinetic Studies of Pt(IV) Chloride Complex Ions Reduction Reaction Using Potassium Formate [full text PDF](#)
29. T. Borowski, M. Szychalski, K. Roźniatowski, K. Kulikowski, Corrosion Resistance of Nitrogen-Doped DLC Coatings Produced in Glow Discharge Conditions on Nitrided Austenitic Steel [full text PDF](#)
30. Pawan Kumar, Anshul Yadav, Arvind Kumar, Electron Beam Processing of Sensors Relevant Vacoflux-49 Alloy: Experimental Studies of Thermal Zones and Microstructure [full text PDF](#)
31. J. Borowiecka-Jamrozek, Processing and Characterization of Fe-Cu-Ni Sinters Prepared by Ball Milling and Hot Pressing [full text PDF](#)
32. H. Danielewski, A. Skrzypczyk, K. Mulczyk, A. Zrak, Properties and Microstructure of Laser Welded Dissimilar Joints of TP347-HFG and S235JR Steels with Additional Material [full text PDF](#)
33. Prasenjit Biswas, Joydeep Maity, An Investigation on Divorced Eutectoid Growth of Cementite in Eutectoid Steel [full text PDF](#)

34. D. Czekaj, A. Lisińska-Czekaj, B. Garbarz-Glos, W. Bąk, Modelling of Dielectric Properties of BiNbO₄-Based Microwave Ceramics [full text PDF](#)
35. D. Bochenek, K. Osińska, M. Mankiewicz, P. Niemiec, G. Dercz, Technology and Dielectric Properties of the KNLN Doped with Nd³⁺ and Pr³⁺ Ions [full text PDF](#)
36. M. Bara, J. Dzik, K. Feliksik, L. Kozielski, B. Wodecka-Duś, T. Goryczka, A. Zarycka, M. Adamczyk-Habrajska, Influence of Calcium Ions on the Structure and Properties of LaMnO₃ [full text PDF](#)
37. A. Szkliniarz, W. Szkliniarz, Effect of Carbon Content on the Microstructure and Properties of Ti-6Al-4V Alloy [full text PDF](#)
38. P. Myśliwiec, R.E. Śliwa, R. Ostrowski, M. Bujny, M. Zwolak, Effect of Welding Parameters and Metal Arrangement of the AA2024-T3 on the Quality and Strength of FSW Lap Joints for Joining Elements of Landing Gear Beam [full text PDF](#)
39. M. Mosiątek, M. Zimowska, D. Kharitonov, M. Górski, M. Krzan, A. Komenda, Dual Pore Cathode Materials for Solid Oxide Fuel Cells [full text PDF](#)
40. Deyan Veselinov, Hristo Skulev, Influence of the Electrochemical Anodizing Parameters on the Microstructure, Microroughness and Microhardness of Anodized Ti-6Al-7Nb [full text PDF](#)
41. N. Sobczak, M. Baciór, P. Turalska, G. Bruzda, M. Homa, J.J. Sobczak, The Influence of Alloying Additions on High Temperature Interaction Between Molten Compacted Graphite Iron and Alumina [full text PDF](#)