

**MAKİNE ANABİLİMDALİ İÇİN 2015-2016 YILLARI ARASINDA LİSANSÜSTÜ
TEZLERDEN YAPILAN YAYINLARIN LİSTESİ**

ESERLER

A. SCI ve SCI-E indeksli dergilerde yayımlanan makaleler :

A1. H. Korkmaz, B. Timurkutluk and C. Timurkutluk, Effects of fabrication parameters on the performance of solid oxide electrolyzer cell, International Journal of Hydrogen Energy 41 (2016) 9723-9730.

A2. Y. Akdeniz, B. Timurkutluk and C. Timurkutluk, Development of anodes for direct oxidation of methane fuel in solid oxide fuel cells, International Journal of Hydrogen Energy 41 (2016) 10021-10029.

A3. S. Toros, K. Altinel (2016). Contribution of Functionally Graded Material Modelling on Finite Element Simulation of Rod End Parts in Automotive Steering System. Journal of Mechanical Science and Technology, Journal of Mechanical Science and Technology 30 (2016) 3137–3141.

A4. M. Canavar, A. Mat, S. Celik, B. Timurkutluk and Y. Kaplan, Investigation of temperature distribution and performance of SOFC short stack with/without machined gas channels, International Journal of Hydrogen Energy 41 (2016) 10030-10036.

A5. A. Mat, M. Canavar, B. Timurkutluk and Y. Kaplan, Investigation of micro-tube solid oxide fuel cell fabrication using extrusion method, International Journal of Hydrogen Energy 41 (2016) 10037-10043.

A6. B. Timurkutluk and M.D. Mat, A performance prediction tool for solid oxide fuel cells after single redox cycle, Fuel Cells 15 (2015) 71-89.

A7. B. Timurkutluk and M.D. Mat, Effects of anode fabrication parameters on the performance and redox behavior of solid oxide fuel cells, Journal of Power Sources 258 (2014) 108-116.

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler :

B1. E. Sanlı, V. Uysal, M. Canavar, A. Mat, S. Celik, Y. Kaplan, B. Timurkutluk and O. Genc, Investigation of temperature distribution and performance on single SOFC stack with/without machined gas channels, International Symposium on Materials for Energy Storage and Conversion (2015), Ankara, Turkey.

B2. 4. A. Mat, H. Yasar, U. Kucuk, B. Iseri, L.F. Kabasakaloglu, M. Canavar, U. Catık, B. Timurkutluk, I. Pamuk and Y. Kaplan, Investigation of micro-tube solid oxide fuel cell

fabrication using extrusion method, International Symposium on Materials for Energy Storage and Conversion (2015), Ankara, Turkey.

B3. Y. Akdeniz, B. Timurkutluk and C. Timurkutluk, Development of anodes for direct oxidation of methane fuel in solid oxide fuel cells, International Symposium on Materials for Energy Storage and Conversion (2015), Ankara, Turkey.

B4. A. Mat, B. Iseri, L. F. Kabasakaloglu, H. Yaşar, U. Kucuk, M. Canavar, O. Genc, S. Toros, B. Timurkutluk, S. Kuliyeve and Y. Kaplan, Investigation of micro-tube solid oxide fuel cell fabrication parameters by produced phase inversion method, International Symposium on Materials for Energy Storage and Conversion (2015), Ankara, Turkey.

B5. H. Korkmaz, B. Timurkutluk and C. Timurkutluk, Effects of fabrication parameters on the performance of solid oxide electrolyzer cell, International Symposium on Materials for Energy Storage and Conversion (2015), Ankara, Turkey.

B6. Safa Koç, Fethi Yücel, Selahattin Çelik, Serkan Toros, B. Timurkutluk, Three Dimensional Synthetic Microstructure Generation For Solid Oxide Fuel Cell Electrode, International Conference On Mechanics And Materials In Design (2015) Ponta Delgada, Azores.

B7. A. Mat, B. Iseri, L. F. Kabasakaloglu, H. Yaşar, U. Kucuk, M. Canavar, O. Genc, S. Toros, B. Timurkutluk, S. Kuliyeve and Y. Kaplan, Investigation of micro-tube solid oxide fuel cell fabrication parameters by produced phase inversion method, International Symposium on Materials for Energy Storage and Conversion (2015), Ankara, Turkey.

B8. M. Canavar, B. Timurkutluk, Y. Kaplan and M.D. Mat, The effects of mesh and interconnector design on SOFC performance, International Conference on Clean Energy 2014 (ICCE-2014), Istanbul, Turkey.

B9. M. Canavar, Y. Kaplan, S. Celik, B. Timurkutluk, A. Mat and A. Bahar Dogan, Optimum flow field geometry and mesh configurations for SOFC, Fuel Cell 2014 Science & Technology, Amsterdam, Holland, 2014.

B10. M.Z. Chowdhury and Y.E. Akansu, Effect of convergent - divergent flow fields in single serpentine flow pattern on pemfcs performance, Proceedings of SEEP2016, 22-25 September 2016, Kayseri.

C. Yazılan uluslararası kitaplar veya kitaplarda bölümler :

C1.

D. Ulusal hakemli dergilerde yayımlanan makaleler :

D1.

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:

E1. B. Timurkutluk ve M.D. Mat, Kati oksit yakıt pilleri redoks modellemesi, II. İleri Teknoloji Calıstayı (ITC 2011), İstanbul, Türkiye, 2011.

E2. C. Timurkutluk, B. Timurkutluk ve M.D. Mat, Katot üretim parametrelerinin kati oksit yakıt pili oksijen indirgenme mekanizmasına olan etkisi, II. İleri Teknoloji Calıstayı (ITC 2011), İstanbul, Türkiye, 2011.

F. Diğer yayınlar :

F1. S. Koc, B. Timurkutluk and S. Celik, Eğilme dayanımı iyileştirilmiş anot destekli katı oksit yakıt pili geliştirilmesi, Havacılık ve Uzay Teknolojileri Dergisi, 7 (2014) 45-53.