

Personal Information

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Education Information

Doctorate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2015 - Continues

Post Graduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Metalurji Ve Malzeme Mühendisliği Abd, Turkey 2012 - 2015

Under Graduate, İstanbul Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2008 - 2012

Dissertations

Post Graduate, Çeşitli Oksit Bileşiklerinin Çinko Oksit'in Mikroyapı Özelliklerine Etkisi, İstanbul University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2015

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Ceramic Materials, Electrical and Magnetic Properties, Material Characterization, Engineering and Technology

Academic Titles / Tasks

Lecturer, İstanbul Üniversitesi, Teknoloji Transfer Uygulama Ve Araştırma Merkezi, Teknoloji Transfer Ofisi, 2017 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Preparation and characterization of Ni-Co-Zn-Mn-O negative temperature coefficient thermistors with B₂O₃ addition**
PRICE B. Y. , Hardal G.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, pp.17432-17439, 2019 (Journal Indexed in SCI)
- **The Effect of TiO₂ and B₂O₃ Additions on the Grain Growth of ZnO**
Hardal G., Price B.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, pp.2090-2098, 2017 (Journal Indexed in SCI)
- **Influence of B₂O₃ addition on the electrical and microstructure properties of Ni_{0.5}Co_{0.5}Cu_xMn_{2-x}O₄ (0 ≤ x ≤ 0.3) NTC thermistors without calcination**
Yüksel Price B., HARDAL G.
Journal of Materials Science: Materials in Electronics, vol.27, pp.9226-9232, 2016 (Journal Indexed in SCI)
- **INFLUENCE OF NANO-SIZED COBALT OXIDE ADDITIONS ON THE STRUCTURAL AND ELECTRICAL PROPERTIES OF NICKEL-MANGANITE-BASED NTC THERMISTORS**
Hardal G., Price B. Y.
MATERIALI IN TEHNOLOGIJE, vol.50, pp.923-928, 2016 (Journal Indexed in SCI)
- **Effects of MnO doping on the electronic properties of zinc oxide: 406GHz electron paramagnetic resonance spectroscopy and Newman superposition model analysis**

Refereed Congress / Symposium Publications in Proceedings

- **Effect of Co addition on the electrical properties of Ni-Mn-O NTC thermistors**
HARDAL G., YÜKSEL PRICE B.
International Conference on Engineering Technology and Innovation, Saraybosna, Bosnia And Herzegovina, 22 - 26 March 2017, pp.4
- **Aging Behaviour in Ni_{0.5}CoxMn_{2.5-x}O₄ (x=0.5, 0.8 and 1.1) Thermistors**
HARDAL G., YÜKSEL PRICE B.
146th Annual Meeting & Exhibition (TMS 2017), San Diego, United States Of America, 26 February - 02 March 2017, pp.85-89
- **Aging Behaviour in Ni_{0.5}Cox Mn_{2.5}_O_x(4) (x=0.5, 0.8 and 1.1) Thermistors**
Hardal G., Price B. Y.
TMS Annual Meeting and Exhibition / Symposium on Characterization of Minerals, Metals, and Materials, California, United States Of America, 01 January 2017, pp.85-89
- **Electrical and Microstructural Investigation of Ni_{0.5}Co_{0.5}Cu_{0.3}Zn_{0.3} Mn_{1.4}O₄ Temperature Sensors**
Hardal G., Price B. Y.
TMS Annual Meeting and Exhibition / Symposium on Characterization of Minerals, Metals, and Materials, California, United States Of America, 01 January 2017, pp.139-144
- **Electrical and microstructural properties of NiMn₂O₄ NTC thermistors by doping 0.1 mol B₂O₃ without calcination**
HARDAL G., YÜKSEL PRICE B.
40th International Conference and Expo on Advanced Ceramics and Composites, Daytona Beach, United States Of America, 24 - 29 January 2016, pp.83
- **Investigation of microstructure properties in Al₂O₃ and Al₂O₃-B₂O₃ doped ZnO ceramics**
HARDAL G., YÜKSEL PRICE B.
40th International Conference and Expo on Advanced Ceramics and Composites, Daytona Beach, United States Of America, 24 - 29 January 2016, pp.83
- **Influence of Nano-Sized Cobalt Oxide Addition on the Structural and Electrical Properties of Nickel Manganite Based Ntc Thermistors**
HARDAL G., YÜKSEL PRICE B.
23RD INTERNATIONAL CONFERENCE ON MATERIALS AND TECHNOLOGY, Portoroz, Slovenia, 27 - 30 September 2015, pp.260
- **The Grain Growth Kinetics of 0.5 mol% B₂O₃-1 mol% TiO₂-doped ZnO Ceramics**
Hardal G., Yuksel B.
Symposium on Characterization of Minerals, Metals, and Materials held during The-Minerals-Metals-and-Materials-Society Annual Meeting and Exhibition (TMS), California, United States Of America, 16 - 20 February 2014, pp.637-644
- **Microstructural and Electrical Properties of 0.5 mol% Al₂O₃-0.1 mol% B₂O₃ doped ZnO Ceramics**
Yuksel B., Hardal G.
Symposium on Characterization of Minerals, Metals, and Materials held during The-Minerals-Metals-and-Materials-Society Annual Meeting and Exhibition (TMS), California, United States Of America, 16 - 20 February 2014, pp.55-61
- **Microstructure Characteristics Of 0.5 Mol% B₂O₃-Doped ZnO-1 Mol% TiO₂ Ceramics**
HARDAL G., YÜKSEL PRICE B.
Advanced Materials World Congress (AMWC 2013), İzmir, Turkey, 16 - 19 September 2013, pp.171

Supported Projects

YÜKSEL PRICE B., HARDAL G., Project Supported by Higher Education Institutions, Molce % 0.5 V₂O₅ ve molce % 0.5

B2O3 katkılı çinko oksit seramiklerin mikroyapı karakterizasyonu, 2014 - 2017

YÜKSEL PRICE B., TUBITAK Project, Bor Oksit Katkısının Mn-Ni-Co-Cu-Zn Oksit NTC Termistörlerin Elektriksel ve Mikroyapı Özelliklerine Etkisi, 2014 - 2016

YÜKSEL PRICE B., HARDAL G., Project Supported by Higher Education Institutions, Çeşitli Oksit Bileşiklerinin Çinko Oksit'in Mikroyapı Özelliklerine Etkisi, 2014 - 2015

Memberships / Tasks in Scientific Organizations

THE ROYAL SOCIETY OF CHEMISTRY, Member, 2017 - Continues

AIST - Association for Iron & Steel Technology, Member, 2016 - Continues

The Minerals, Metals and Materials Society, Member, 2016 - Continues

ACerS - The American Ceramic Society, Member, 2016 - Continues

Material Advantage, Member, 2016 - Continues

ASM International - The Materials Information Society, Member, 2016 - Continues

The Minerals, Metals and Materials Society, Member, 2014 - 2014

Invited Congress and Symposium Activities

International Conference on Engineering Technology and Innovation, Attendee, Sarajevo, Bosnia And Herzegovina, 2017

146th Annual Meeting & Exhibition, Attendee, California, United States Of America, 2017

143th Annual Meeting and Exhibition, Attendee, California, United States Of America, 2014

Advanced Materials World Congress (AMWC 2013), Attendee, İzmir, Turkey, 2013

Citations

Total Citations (WOS):17

h-index (WOS):2