

## KİŞİSEL BİLGİLER

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## EĞİTİM BİLGİLERİ

Derece	Üniversite/Okul	Bölüm	A.B.D	Mezuniyet Yılı
Doktora	Erciyes Üniversitesi / Fen Bilimleri Enstitüsü	Kimya Anabilim Dalı	Anorganik Kimya	2015
Yüksek Lisans	Erciyes Üniversitesi / Fen Bilimleri Enstitüsü	Kimya Anabilim Dalı	Anorganik Kimya	2010
Lisans	Erciyes Üniversitesi / Fen Fakültesi	Kimya Bölümü		2007

## YAYINLAR

## MAKALE

&gt; Uluslararası

&gt; SCI, SSCI, AHCI Kapsamında Makale

1. 2010 - A. Karatepe, E. Korkmaz, M. Soylak, L. Elçi, Development of a coprecipitation system for the speciation/preconcentration of chromium in tap waters, *Journal of Hazardous Materials*, 173 (2010) 433.
2. 2012 - E. Korkmaz, N. Ö. Kalaycıoğlu, Synthesis and phosphorescence properties of Dy<sup>3+</sup> and (Pr<sup>3+</sup> - Dy<sup>3+</sup>) in MgTiO<sub>3</sub>, *Journal of Thermal Analysis and Calorimetry*, 110 (2012) 1113.
3. 2012 - E. Korkmaz, N. Ö. Kalaycıoğlu, Synthesis and luminescence properties of BaTiO<sub>3</sub>:RE (RE = Gd<sup>3+</sup>, Dy<sup>3+</sup>, Tb<sup>3+</sup>, Lu<sup>3+</sup>) phosphors, *Bulletin of Materials Science*, 35 (2012) 1011.
4. 2012 - E. Korkmaz, N. Ö. Kalaycıoğlu, Influence of doping different rare earth ions on the luminescence of CaTiO<sub>3</sub>-based phosphors, *Journal of the Chinese Chemical Society*, 59 (2012) 1390.
5. 2013 - E. Korkmaz, N. Ö. Kalaycıoğlu, Yellow phosphors doping with Gd<sup>3+</sup>, Tb<sup>3+</sup> and Lu<sup>3+</sup> in MTiO<sub>3</sub> (M= Mg and Sr) luminescence properties, *Bulletin of Materials Science*, 36 (2013) 1079.
6. 2014 - E. Erdoğan, E. Korkmaz, V. E. Kafadar, Luminescence of a novel near-UV emitting phosphor: BaB<sub>8</sub>O<sub>13</sub>:Pb<sup>2+</sup>, *Journal of Applied Spectroscopy*, 80 (2014) 945.
7. 2014 - E. Erdoğan, İ. Pekgözlü, E. Korkmaz, X-ray Diffraction and fluorescence spectroscopy analysis of Sm<sup>3+</sup> in lithium calcium silicate, *Spectroscopy*, 29 (2014) 58.
8. 2014 - İ. Pekgözlü, E. Erdoğan, E. Korkmaz, A. S. Başak, Synthesis and photoluminescence properties of Li<sub>2</sub>SrSiO<sub>4</sub>:Pb<sup>2+</sup>, *Journal of Applied Spectroscopy*, 81 (2014) 336.
9. 2014 - E. Erdoğan, İ. Pekgözlü, C. Özpınar, E. Korkmaz, A novel green emitting phosphor: Li<sub>6</sub>Ca<sub>3</sub>B<sub>3</sub>O<sub>8.5</sub>: Tb<sup>3+</sup>, *Journal of Applied Spectroscopy*, 81 (2014) 313.
10. 2014 - E. Erdoğan, E. Korkmaz, Photoluminescence Properties and effects of dopant concentration in Bi<sub>2</sub>ZnB<sub>2</sub>O<sub>7</sub>:Tb<sup>3+</sup> phosphor, *International Journal for Light and Electron Optics*, 125 (2014) 4098.
11. 2015 - E. Ersoy, S. Çakar, E. Yıldız, S. Yılmaz, O. Türkoğlu, Ö. Sarıöz, Fabrication and characterization of dysprosium doped bismuth oxide films for IT-SOFCs via slurry spin coating technique, *International Journal of Applied Ceramic Technology*, 12 (2015) 152.
12. 2016 - E. Yıldız, S. Yılmaz, O. Türkoğlu, The Production and characterization of ytterbium-stabilized zirconia films for SOFC applications, *International Journal of Applied Ceramic Technology*, 13 (2016) 100.
13. 2017 - S. Yılmaz, E. Yıldız, B. Kavici, Fabrication, characterization and performance of YbDSB ternary compounds for IT-SOFC applications, *International Journal of Applied Ceramic Technology*, 14 (2017) 550.
14. 2018 - S. Yılmaz, B. Kavici, Ç. Çelen, E. Yıldız, A. Gürbüz, Structure and conductivity characterization of new type ionic conductor stabilized bismuth oxide ternary systems, *Chinese Journal of Physics*, 56 (2018) 362.
15. 2018 - E. Yıldız, E. Erdoğan, Investigation of luminescence properties of Pb<sup>2+</sup>-doped Sr<sub>2</sub>B<sub>2</sub>O<sub>5</sub> phosphor, *International Journal of Applied Ceramic Technology*, 15 (2018) 1287.
16. 2018 - E. Yıldız, Photoluminescence properties of ZrO<sub>2</sub>:Gd<sup>3+</sup>, ZrO<sub>2</sub>:Gd<sup>3+</sup>+Dy<sup>3+</sup> and ZrO<sub>2</sub>:Gd<sup>3+</sup>+Yb<sup>3+</sup> phosphors by Pechini method, *Materials Science-Poland*, 36 (2018) 157.
17. 2018 - E. Yıldız, Synthesis and luminescence properties of ZrO<sub>2</sub>:Gd<sup>3+</sup>, RE<sup>3+</sup> (RE= Sm<sup>3+</sup>, Er<sup>3+</sup>) Phosphors, *Materials Science-Poland*, 36 (2018) 162.
18. 2018 - E. Yıldız, E. Erdoğan, Luminescence concentration quenching of Pb<sup>2+</sup> single doped and Pb<sup>2+</sup>/Dy<sup>3+</sup> co-doped strontium tetraborate phosphor, *Journal of Luminescence*, 204 (2018) 1.
19. 2019 - E. Yıldız, H. Özdal, S. Ata Kepenek, O. Türkoğlu, The improving thick film properties of Er<sub>2</sub>O<sub>3</sub> doping fcc-ZrO<sub>2</sub> type solid electrolyte for SOFC applications, *International Journal of Applied Ceramic Technology*, <https://doi.org/10.1111/ijac.13340>.

## &gt; Ulusal

## &gt; Hakemli Dergilerde Makale

1. 2018 - E. Yıldız, Zr<sub>0.98</sub>Dy<sub>0.01</sub>Sm<sub>0.01</sub>O<sub>2</sub> ışıldarının sentezi, karakterizasyonu ve fotoluminesans özelliklerinin incelenmesi, *Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi*, 22 (2018) 943.

## DİĞER

## HAKEMLİKLER

1. 2018 - *Journal of Luminescence*
2. 2016 - *International Journal of Applied Ceramic Technology*
3. 2018 - *The Journal of Chemical Thermodynamics*
4. 2018 - *Journal of the Turkish Chemical Society Section A: Chemistry*