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Research Areas

Metallurgical and Materials Engineering, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Single step solution combustion synthesis of hexagonal WO3 powders as visible light photocatalysts**
Kaplan Ş. S., Sönmez M. Ş.
Materials Chemistry and Physics, vol.240, 2020 (SCI-Expanded)

II. **Production and Characterization of Alumina and Steatite Based Ceramic Insulators**
Sönmez M. Ş., Kaplan Ş. S., Altun C., Açma M. E.
TRANSACTIONS OF THE INDIAN CERAMIC SOCIETY, vol.78, no.3, pp.161-164, 2019 (SCI-Expanded)

III. **Smart glass electrochromic device fabrication of uniform tungsten oxide films from its powder synthesized by solution combustion method**
Evecan D., Kaplan Ş. S., Sönmez M. Ş., Yildirim S., Okutan M., Deligoz H., Zayim E.
Microelectronic Engineering, vol.215, 2019 (SCI-Expanded)

IV. **Spinel nitrides transparent ceramics**
Kaplan Ş. S., Kurama S., Gunkaya G.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.35, no.12, pp.3255-3262, 2015 (SCI-Expanded)

Metrics

Publication: 5
Citation (WoS): 23
Citation (Scopus): 34
H-Index (WoS): 3
H-Index (Scopus): 3