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Advising Theses

Sanin F. D. , Atimtay A., Investigation of fuel values and combustion characteristics of RDF samples, Post Graduate, A.SEVER(Student), 2014

ATİMTAY A., Investigation of combustion characteristics of biomass and coal mixtures in a circulating fluidized bed combustor, Doctorate, M.VAROL(Student), 2013

SANIN F. D. , ATİMTAY A., Combustion characteristics and thermal utilization of sewage sludge and coal mixtures, Post Graduate, O.ATAK(Student), 2013

ATİMTAY A., Air pollution modeling in İskenderun region of Turkey, Doctorate, M.TAHİR(Student), 2003

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

- **TGA and kinetic study of different torrefaction conditions of wood biomass under air and oxy-fuel combustion atmospheres**
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JOURNAL OF THE ENERGY INSTITUTE, vol.93, pp.889-898, 2020 (Journal Indexed in SCI)
- **Combustion and Co-Combustion characteristics of torrefied poultry litter with lignite**
ATİMTAY A., YURDAKUL S.
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- **Combustion characteristics of Turkish lignites at oxygen-enriched and oxy-fuel combustion conditions**
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- **Torrefaction of pine wood in a continuous system and optimization of torrefaction conditions**
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- **Pyrolysis characteristics of Turkish lignites in N₂ and CO₂ environments**
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- **Co-firing of pine chips with Turkish lignites in 750 kWth circulating fluidized bed combustion system**
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BIORESOURTE TECHNOLOGY, vol.224, pp.601-610, 2017 (Journal Indexed in SCI)
- **Comparison of fuel value and combustion characteristics of two different RDF samples**
Akdağ A., Atimtay A., Sanin F. D.
WASTE MANAGEMENT, vol.47, pp.217-224, 2016 (Journal Indexed in SCI)
- **Effect of biomass-sulfur interaction on ash composition and agglomeration for the co-combustion of high-sulfur lignite coals and olive cake in a circulating fluidized bed combustor**
Varol M., ATİMTAY A.

BIORESOURCETECHNOLOGY, vol.198, pp.325-331, 2015 (Journal Indexed in SCI)

- **Investigation of emissions from thermal oxidation of waste wood samples using spectral methods**
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- **Emission characteristics of co-combustion of a low calorie and high-sulfur-lignite coal and woodchips in a circulating fluidized bed combustor: Part 2. Effect of secondary air and its location**
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- **Investigation of co-combustion characteristics of low quality lignite coals and biomass with thermogravimetric analysis**
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- **Effect of freeboard extension on co-combustion of coal and olive cake in a fluidized bed combustor**
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- **Combustion of agro-waste with coal in a fluidized bed**
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- **Special issue: Air quality: Aerosols, dust storms, photochemical pollutants - Preface**
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- **Co-combustion of peach and apricot stone with coal in a bubbling fluidized bed**
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- **Combustion of olive cake and coal in a bubbling fluidized bed with secondary air injection**
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Book & Book Chapters

- **Cleaner energy production technologies for fossil fuels**
AKSOY A., ATİMTAY A.

Refereed Congress / Symposium Publications in Proceedings

- **TÜRK LİNYİTLERİNİN YANMA KİNETİĞİNİN OKSİYANMA KOŞULLARINDA TERMAL GRAVİMETRİ ANALİZ YÖNTEMİ İLE İNCELENMESİ**
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- **Color Removal with Natural Materials for Reuse of Wastewater in Textile Industry**
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- **Investigation of Combustion Kinetics of Five Waste Wood Samples with Thermogravimetric Analysis**
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Total Citations (WOS):541

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