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### Yönetilen Tezler

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Twelfth Mediterranean Combustion Symposium**  
SELÇUK N.  
Experimental Thermal and Fluid Science, cilt.160, 2025 (SCI-Expanded)
- II. **Special issue of the 12th Mediterranean Combustion Symposium**  
Mansour M. S., SELÇUK N., Beretta F., D'Anna A.  
International Journal of Spray and Combustion Dynamics, cilt.15, sa.4, ss.185, 2023 (SCI-Expanded)
- III. **Coupling of spectral thermal radiation model with a comprehensive system model for co-combustion of biomass in bubbling fluidized bed**  
YAŞAR M. S., SELÇUK N., KÜLAH G.  
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- IV. **Preface for Special Issue on MCS12 Mediterranean Combustion Symposium**  
Beretta F., D'Anna A., Mansour M. S., SELÇUK N.  
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- V. **Effect of Particle Size Distribution and Complex Refraction Index of Alumina on Infrared Rocket Plume Signatures**  
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- VI. **Performance and validation of a radiation model coupled with a transient bubbling fluidized bed combustion model**  
YAŞAR M. S., SELÇUK N., KÜLAH G.  
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- VII. **Influence of bag filter ash to spectral thermal radiation in fluidized bed combustors Co-Fired with biomass**  
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- VIII. **Influence of soot on radiative heat transfer in bubbling fluidized bed combustors**  
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- IX. **Special Issue: Advances in Combustion Research**  
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- X. **Performance of banded SLW-1 in presence of non-gray walls and particles in fluidized bed combustors**  
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- XI. **Assessment of improved banded model for spectral thermal radiation in presence of non-gray particles in fluidized bed combustors**  
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- XII. **Special issue: Eurotherm Seminar No. 110: Computational thermal radiation in participating media - VI**  
Coelho P. J., Lemonnier D., Lybaert P., SELÇUK N.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, cilt.241, 2020 (SCI-Expanded)
- XIII. **Modeling of Fluidized Bed Combustion of Lignite with High Nitrogen Content Cotton Residue**  
Yasar M. S., Selcuk N., Kulah G.  
COMBUSTION SCIENCE AND TECHNOLOGY, 2019 (SCI-Expanded)
- XIV. **Assessment of SLW-1 model in the presence of gray and non-gray particles**  
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- XV. **Effect of kaolin addition on alkali capture capability during combustion of olive residue**  
Batir O., Selcuk N., Kulah G.  
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- XVI. **Preface: Tenth Mediterranean Combustion Symposium**  
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- XVII. **Special Issue: Advances in Turbulent Combustion Preface**  
Mansour M. S., SELÇUK N., Beretta F., D'Anna A.  
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- XVIII. **Influence of gray particle assumption on the predictive accuracy of gas property approximations**  
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- XIX. **Influence of fly ash composition on non-gray particle radiation in combusting systems**  
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- XX. **Preface Tenth Mediterranean Combustion Symposium**  
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- XXI. **Significance of particle concentration distribution on radiative heat transfer in circulating fluidized bed combustors**  
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- XXII. **Effect of changing biomass source on radiative heat transfer during co-firing of high-sulfur content lignite in fluidized bed combustors**  
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- XXIII. **Assessment of gas radiative property models in the presence of nongray particles**  
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- XXIV. **Effect of limestone addition on radiative heat transfer during co-firing of high-sulfur content lignite with biomass in fluidized bed combustors**  
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- XXV. **Influence of spectral particle properties on radiative heat transfer in optically thin and thick media of fluidized bed combustors**  
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- XXVI. **Benchmarking grey particle approximations against nongrey particle radiation in circulating fluidized bed combustors**  
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- XXVII. **Radiative heat transfer in strongly forward scattering media of circulating fluidized bed combustors**  
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- XXVIII. **SLW model for computational fluid dynamics modeling of combustion systems: Implementation and validation**  
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- XXIX. **Radiative Heat Transfer in the Dilute Zone of an Air-Fired Circulating Fluidized Bed Combustor and Its Oxy-Fired Retrofit**  
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- XXX. **Ninth Mediterranean Combustion Symposium PREFACE**  
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- XXXI. **Eighth Mediterranean Combustion Symposium Preface**  
SELÇUK N., Beretta F., Mansour M. S., D'Anna A.  
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- XXXII. **SENSITIVITY OF RADIATION MODELING TO PROPERTY ESTIMATION TECHNIQUES IN THE FREEBOARD OF LIGNITE- FIRED BUBBLING FLUIDIZED BED COMBUSTORS ( BFBCs)**  
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- XXXIII. **EIGHTH MEDITERRANEAN COMBUSTION SYMPOSIUM**  
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- XXXIV. **COMPARISON BETWEEN COMBUSTION BEHAVIOR OF SOLID FUELS AND THEIR CHARS UNDER OXY-FUEL CONDITIONS**  
Inmas S. V., KÜLAH G., SELÇUK N.  
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- XXXV. **Special issue based on the Eurotherm Seminar 95-Computational Thermal Radiation in Participating Media IV**  
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- XXXVI. **Performance of DOM and IDA with different angular discretization methods in 3-D absorbing-emitting-scattering media**  
Ozen G., SELÇUK N.  
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- XXXVII. **An application of Spectral line-based weighted sum of grey gases (SLW) model with geometric optics approximation for radiative heat transfer in 3-D participating media**  
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- XXXVIII. **Air and oxy-fuel combustion behaviour of petcoke/lignite blends**  
Yuzbasi N. S., SELÇUK N.  
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- XXXIX. **SEVENTH MEDITERRANEAN COMBUSTION SYMPOSIUM Preface**  
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- XL. **PYROLYSIS AND COMBUSTION BEHAVIOR OF TERNARY FUEL BLENDS IN AIR AND OXY-FUEL**

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- XLII. **Simulation of circulating fluidized bed combustors firing indigenous lignite**  
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- XLIII. **Air and oxy-fuel combustion characteristics of biomass/lignite blends in TGA-FTIR**  
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- XLIV. **The Sixth International Symposium on Radiative Transfer Preface**  
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- XLV. **Combustion behaviour of Turkish lignite in O-2/N-2 and O-2/CO2 mixtures by using TGA-FTIR**  
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- XLVI. **Sixth Mediterranean Combustion Symposium**  
SELÇUK N., Beretta F., Mansour M. S., D'Anna A.  
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- XLVII. **Design assessment of a 150 kWt CFBC Test Unit**  
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- XLVIII. **SIXTH MEDITERRANEAN COMBUSTION SYMPOSIUM PREFACE**  
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- XLIX. **Mathematical Modeling of a Bubbling Fluidized Bed Combustor Cofired with Lignite and Biomass**  
KÜLAH G., Morali E. M., SELÇUK N.  
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- L. **Special issue based on Eurotherm Seminar No. 83: Computational thermal radiation in participating media III**  
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- L. **Trace elements partitioning during co-firing biomass with lignite in a pilot-scale fluidized bed combustor**  
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- LI. **A 3-D radiation model for non-grey gases**  
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- LII. **Investigation of ash deposition in a pilot-scale fluidized bed combustor co-firing biomass with lignite**  
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- LIII. **Fifth mediterranean combustion symposium - Preface**  
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- LIV. **Cofiring lignite with hazelnut shell and cotton residue in a pilot-scale fluidized bed combustor**  
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- LV. **A non-iterative pressure based scheme for the computation of reacting radiating flows**

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- LVI. **Preface - Fifth Mediterranean Combustion Symposium**  
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- LVII. **Near-infrared emission spectrometry measurements for nonintrusive soot diagnostics in flames**  
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- LVIII. **A comprehensive fluidized bed combustion model coupled with a radiation model**  
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- LIX. **The fifth international symposium on radiative transfer**  
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- LX. **Co-firing of olive residue with lignite in bubbling FBC**  
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- LXI. **Effect of particle polydispersity on particle concentration measurement by using laser Doppler anemometry**  
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