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### 2023

**Model identification in reactor-based combustion closures using sparse symbolic regression.**

. *Combustion and Flame* vol. 255, 112925-112925.Elsevier.

### 2022

**Towards predicting liquid fuel physicochemical properties using molecular dynamics guided machine learning models.**

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### 2021

**An encoder-decoder deep surrogate for reverse time migration in seismic imaging under uncertainty.**

. *Computational Geosciences* vol. 25, (3) 1229-1250.Springer Nature.

### 2020

**Parametric and Model Uncertainties Induced by Reduced Order Chemical Mechanisms for Biogas Combustion.**

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### 2019

**Constructing Accurate Phenomenological Surrogate for Fluid Structure Interaction Models.**

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