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Publications

PUBLICATIONS

- Experimental feasibility of tailored porous media burners enabled via additive manufacturing *PROCEEDINGS OF THE COMBUSTION INSTITUTE*  
  Sobhani, S., Muhunthan, P., Boigne, E., Mohaddes, D., Ihme, M.  
  2021; 38 (4): 6713-6722

- Additive Manufacturing of Tailored Macroporous Ceramic Structures for High-Temperature Applications *ADVANCED ENGINEERING MATERIALS*  
  Sobhani, S., Allan, S., Muhunthan, P., Boigne, E., Ihme, M.  
  2020

- X-ray Computed Tomography for Flame-Structure Analysis of Laminar Premixed Flames. *Combustion and flame*  
  Boigne, E., Muhunthan, P., Mohaddes, D., Wang, Q., Sobhani, S., Hinshaw, W., Ihme, M.  
  2019; 200: 142–54

- X-ray computed tomography for flame-structure analysis of laminar premixed flames *COMBUSTION AND FLAME*  
  Boigne, E., Muhunthan, P., Mohaddes, D., Wang, Q., Sobhani, S., Hinshaw, W., Ihme, M.  
  2019; 200: 142–54

- Modulation of heat transfer for extended flame stabilization in porous media burners via topology gradation *PROCEEDINGS OF THE COMBUSTION INSTITUTE*  
  Sobhani, S., Mohaddes, D., Boigne, E., Muhunthan, P., Ihme, M.  
  2019; 37 (4): 5697–5704