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Published journal articles indexed by SCI, SSCI, and AHCI

I. **Investigations of strain rate, size, and crack length effects on the mechanical response of polycaprolactone electrospun membranes**
Bayram F. C., KAPÇI M. F., Yuruk A., İŞOĞLU İ. A., BAL B.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol.235, no.6, pp.1957-1970, 2021 (SCI-Expanded)

II. **Experimental and Molecular Dynamics Simulation-Based Investigations on Hydrogen Embrittlement Behavior of Chromium Electroplated 4340 Steel**
Dogan O., KAPÇI M. F., Esat V., BAL B.
JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.143, no.4, 2021 (SCI-Expanded)

III. **The role of hydrogen in the edge dislocation mobility and grain boundary-dislocation interaction in alpha-Fe**
KAPÇI M. F., Schoen J. C., BAL B.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.64, pp.32695-32709, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigation of Hydrogen Diffusion Profile of Different Metallic Materials for a Better Understanding of Hydrogen Embrittlement**
KAPÇI M. F., BAL B.
Gazi University Journal of Science, vol.36, no.4, pp.1775-1784, 2023 (ESCI)

Metrics

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