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DESCRIPTION

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electron microscopy
finite element analysis
first principles
fracture mechanics/fracture behaviour/fatigue
hardness
micromechanics
modelling/simulations
phase diagrams
simulations
stress/strain measurements
thermal analysis
X-ray analysis
other

B. MATERIAL OR CONSTITUTING PHASE(S)
aluminium alloys
amorphous materials
biomaterials
ceramics
composites
copper alloys
glass
intermetallics
iron alloys
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nanocrystalline materials
nickel alloys
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C. PROCESSING METHOD
casting methods
coatings
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grains and interfaces
phase transformation
plasticity