

Validation of a high temperature shape memory alloy for space applications

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Nanocrystalline glass-ceramic scintillators

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Design of microstructure and functional material properties by using rapid hot pressing/rapid sinter pressing

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Spray aerogel for launch vehicle cryogenic tanks

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Supplementary power harvesting for spacecrafts on flight using carbonaceous compound considering space environment

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Advanced aluminium based material for cryo-reservoir applications

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Proton radiation damage on flexible, low-voltage organic thin-film transistors

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Thermally induced dynamics of solar panels with variable stiffness composite reinforced with curvilinear fibers

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High mobility oxide semiconductors for light-weight, large-area electronics in radiation harsh environments

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Demonstration and challenges for joining technology based on direct bonding usable for construction of (large) structures in space

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