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**Crack formation during post-treatment of nano- and microfibres prepared by sol-gel technique**

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**Determination of antibiotic residues in sewage sludge by pressurized liquid extraction and LC-ESI-MS**

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**The effect of heat treatment on the morphology and mobility of Au nanoparticles**

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**The effect of prestressing and temperature on tensile strength of basalt fiber-reinforced plywood**

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**In-situ study of TiO<sub>2</sub> thin-films mechanical behavior under loading**

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**Mikro- ja nanotehnoloogiliste uurimismeetodite arendamine tööstuslike materjalide väljatöötamiseks : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklike**

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**Thermal, mechanical, and acoustic properties of polydimethylsiloxane filled with hollow glass microspheres**

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