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## **ACCEPTED MANUSCRIPT**

## Effect of two-step sintering on the hydrothermal ageing resistance of tetragonal zirconia polycrystals

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The effects of two-step sintering (TSS) on the mechanical properties and hydrothermal ageing resistance of yttria-stabilized tetragonal zirconia polycrystals (Y-TZP) were investigated. In TSS, the first step involved heating the samples up to 1400 °C at a heating

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