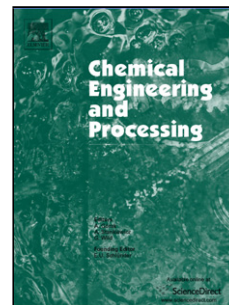


## Accepted Manuscript

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1 **Research Highlights**

- 2 • Use of ultrasound results in higher yields of the metal oxide  
3 • Phase Transformation Process of Zirconia dependent on the power dissipation.  
4 • Product characteristics depend on the cavitation energy  
5 • Optimum power input is desirable to control the product characteristics  
6

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