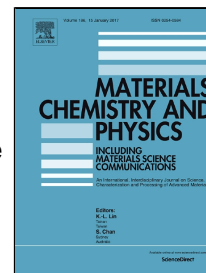


Accepted Manuscript

Modified Pechini method for the synthesis of weakly-agglomerated nanocrystalline yttrium aluminum garnet (YAG) powders

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PII: S0254-0584(16)30924-5

DOI: 10.1016/j.matchemphys.2016.12.025

Reference: MAC 19356

To appear in: *Materials Chemistry and Physics*

Received Date: 27 August 2015

Revised Date: 29 November 2016

Accepted Date: 12 December 2016

Please cite this article as: D.V. Mamonova, I.E. Kolesnikov, A.A. Manshina, M.D. Mikhailov, V.M. Smirnov, Modified Pechini method for the synthesis of weakly-agglomerated nanocrystalline yttrium aluminum garnet (YAG) powders, *Materials Chemistry and Physics* (2016), doi: 10.1016/j.matchemphys.2016.12.025

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Highlights

- The synthesis method of weakly agglomerated YAG particles was developed.
- Advantages of Pechini method modification were discussed.
- Morphology and particle size of YAG nanocrystalline powders were studied.
- We compare emission of YAG:Eu synthesized by standard and modified Pechini method.

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