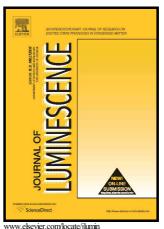
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PII: S0022-2313(18)30276-X

DOI: https://doi.org/10.1016/j.jlumin.2018.06.004

Reference: LUMIN15666

To appear in: Journal of Luminescence

Received date: 9 February 2018 Revised date: 31 May 2018 Accepted date: 2 June 2018

Cite this article as: A.P. Sunitha, P. Hajara, Manu Shaji, M.K. Jayaraj and K.J. Saji, Luminescent MoS₂ Quantum Dots with Reverse Saturable Absorption Prepared by Pulsed Laser Ablation, *Journal of Luminescence*, https://doi.org/10.1016/j.jlumin.2018.06.004

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ACCEPTED MANUSCRIPT

Luminescent MoS₂ Quantum Dots with Reverse Saturable Absorption Prepared by **Pulsed Laser Ablation**

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Abstract:

quantum confinement, focusing on upconversion and downconversion **Effects** photoluminescence and reverse saturable absorption, on MoS₂ quantum dots produced by nanosecond UV laser ablations is not widely reported. The effect of wavelength and pulse energy of ablating laser on the size, colloidal stability, upconversion and downconversion

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