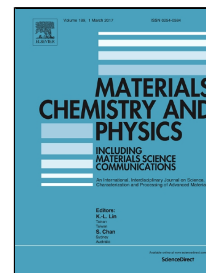


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Analyses of significant features of L-Prolinium Picrate single crystal: an excellent material for non linear optical applications

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Highlights

- An optically transparent L-Prolinium Picrate single crystal was harvested from slow evaporation solution growth technique.
- The compound shows negative photoconducting nature.
- Its optical homogeneity was analyzed using birefringence.
- Single shot of laser was applied to sample to measure laser damage threshold value.
- The thermal parameters were computed from Photopyroelectric technique.

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