

## Profile

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### List of Publications

i. Dependence of photoluminescence on doping concentration of  $\text{Ho}^{3+}$  in nanocrystalline  $\text{La}(\text{OH})_3$ . Journal of Materials Science: Materials in Electronics 2018, 29 (21), 18718-18726.

ii. Structure and morphology of synthesized lanthanum hydroxide  $[\text{La}(\text{OH})_3]$  nanocrystalline powders: study on fuel to oxidant ratio. Journal of Australian Ceramic Society 2020, 56, 711 – 720.

iii. Luminescent Activator  $\text{Dy}^{3+}$  Ion in Auto-Combusted Nanosized  $\text{La}(\text{OH})_3$ . International Journal for Research in Applied Science & Engineering Technology (IJRASET), vol. 6, no. III, 2018, pp. 839-846, ISSN: 2321-9653.

iv. Structural and Optical Properties of LaCoO<sub>3</sub> Nanoparticles Prepared Through Auto-Combustion. JASC: Journal of Applied Science and Computations, vol. 5, no. 7, 2018, pp. 190-198, ISSN NO: 0076-5131.

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