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Title:	Room temperature synthesis of blue and green emitting CsPbBr <sub>3</sub> perovskite nanocrystals confined in mesoporous alumina film†
Authors:	Takhellambam, Daimiota (/jspui/browse?type=author&value=Takhellambam%2C+Daimiota) Meena, Tinku Ram (/jspui/browse?type=author&value=Meena%2C+Tinku+Ram) Jana, Debrina (/jspui/browse?type=author&value=Jana%2C+Debrina)
Keywords:	Synthesis Room temperature Communication Reports
Issue Date:	2019
Publisher:	Royal Society of Chemistry
Citation:	Chemical Communications,55(33),pp. 4785-4788.
Abstract:	This communication reports the room temperature synthesis of stable CsPbBr <sub>3</sub> nanocrystals inside a wormhole mesoporous alumina thin film, showing tunable blue and green emission. The choice of suitable solvents and precursor incorporation sequence enables the generation of CsPbBr <sub>3</sub> nanocrystals at room temperature inside the mesoporous alumina film, whereas the tunable emissive property can be attributed to the size increment of the nanocrystals promoted by differing precursor concentrations.
URI:	<a href="https://pubs.rsc.org/en/content/articlelanding/2019/cc/c9cc01040h#!divAbstract">https://pubs.rsc.org/en/content/articlelanding/2019/cc/c9cc01040h#!divAbstract</a> ( <a href="https://pubs.rsc.org/en/content/articlelanding/2019/cc/c9cc01040h#!divAbstract">https://pubs.rsc.org/en/content/articlelanding/2019/cc/c9cc01040h#!divAbstract</a> ) <a href="http://hdl.handle.net/123456789/2305">http://hdl.handle.net/123456789/2305</a> ( <a href="http://hdl.handle.net/123456789/2305">http://hdl.handle.net/123456789/2305</a> )
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