

Inverse opals for solar cell applications

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Inverse opal	(colloidal self-assembly)	(template)
,	(photonic bandgap)	(photonic crystals)
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, inverse opal		(dye-
sensitized solar cells)		3
/		TiO ₂
inverse opal	TiO ₂	transit time
recombination lifetime		.
twin-scale inverse opal		. Inverse opal
100nm		,
inverse opal	가	가
	가	inverse opal
	.	Inverse opal
	.	가