

Jianqiao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

111
citations

1478505

6
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of film surface roughness and porosity dependence on lattice size in a porous thin film deposition process. <i>Physical Review E</i> , 2009, 80, 041122.	2.1	32
2	Dependence of film surface roughness and slope on surface migration and lattice size in thin film deposition processes. <i>Chemical Engineering Science</i> , 2010, 65, 6101-6111.	3.8	19
3	Dynamics and Lattice-Size Dependence of Surface Mean Slope in Thin-Film Deposition. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 1219-1230.	3.7	17
4	Dynamics and control of aggregate thin film surface morphology for improved light trapping: Implementation on a large-lattice kinetic Monte Carlo model. <i>Chemical Engineering Science</i> , 2011, 66, 5955-5967.	3.8	9
5	Modeling and control of Transparent Conducting Oxide layer surface morphology for improved light trapping. <i>Chemical Engineering Science</i> , 2012, 74, 135-147.	3.8	8
6	Surface morphology control of Transparent Conducting Oxide layers for improved light trapping using wafer grating and feedback control. <i>Chemical Engineering Science</i> , 2012, 81, 191-201.	3.8	7
7	Simulation and control of aggregate surface morphology in a two-stage thin film deposition process for improved light trapping. <i>Chemical Engineering Science</i> , 2012, 71, 520-530.	3.8	6
8	Porosity control in thin film solar cells. <i>Chemical Engineering Science</i> , 2013, 94, 44-53.	3.8	5
9	Controlling aggregate thin film surface morphology for improved light trapping using a patterned deposition rate profile. <i>Chemical Engineering Science</i> , 2012, 67, 101-110.	3.8	4
10	Simulation and Control of Porosity in a Three-Dimensional Thin-Film Solar Cell. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 11246-11252.	3.7	3
11	Modeling and control of aggregate thin film surface morphology using stochastic PDEs and a patterned deposition rate profile. , 2011, , .		1
12	Lattice-size Dependence and Dynamics of Surface Mean Slope in a Thin Film Deposition Process. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010, 43, 811-816.	0.4	0
13	Dependence of film surface roughness on surface migration and lattice size in thin film deposition. , 2011, , .		0
14	Predictive control of aggregate surface morphology in a two-stage thin film deposition process for improved light trapping. , 2012, , .		0
15	Porosity control in thin film solar cells: Two-dimensional case. , 2013, , .		0