

Arnau Coll

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/660609/publications.pdf>

Version: 2024-02-01

16
papers

109
citations

1478505

6
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Colloidal crystals by electro spraying polystyrene nanofluids. Nanoscale Research Letters, 2013, 8, 26.	5.7	25
2	Back Contact Heterojunction Solar Cells Patterned by Laser Ablation. Energy Procedia, 2016, 92, 730-737.	1.8	20
3	Self-assembly of ordered silica nanostructures by electro spray. Microelectronic Engineering, 2014, 121, 68-71.	2.4	14
4	Metal-insulator-metal capacitor using electro sprayed nanoparticles. Applied Physics Letters, 2014, 105, .	3.3	11
5	c-Si Solar Cells based on Laser-processed Dielectric Films. Energy Procedia, 2014, 55, 255-264.	1.8	10
6	Influence of Amorphous Silicon Carbide Intermediate Layer in the Back-Contact Structure of Cu ₂ ZnSnSe ₄ Solar Cells. IEEE Journal of Photovoltaics, 2016, 6, 1327-1332.	2.5	8
7	Mechanical properties of Al ₂ O ₃ inverse opals by means of nanoindentation. Journal Physics D: Applied Physics, 2016, 49, 455303.	2.8	6
8	Laser contact through electro sprayed alumina inverse opals on silicon. Microelectronic Engineering, 2015, 145, 29-31.	2.4	5
9	DopLa Solar Cells with Texturized Front Surface. Energy Procedia, 2016, 92, 949-955.	1.8	3
10	TCO-free Low-temperature p+ Emitters for Back-junction c-Si Solar Cells. Energy Procedia, 2015, 77, 296-303.	1.8	2
11	Effect of nanofluid conductivity and humidity on the self-assembly of nanoparticles deposited by electro spray. , 2015, , .		2
12	Al ₂ O ₃ /TiO ₂ inverse opals from electro sprayed self-assembled templates. Beilstein Journal of Nanotechnology, 2018, 9, 216-223.	2.8	2
13	Thermal response of AlN and CN _x films as coatings of thin film anemometers. Measurement: Journal of the International Measurement Confederation, 2013, 46, 1421-1426.	5.0	1
14	Modeling and simulation of a cost-effective microfluidic circuit for particles' manipulation. , 2011, , .		0
15	Nanohole particle filling by electro spray. , 2013, , .		0
16	From random to order: Colloidal crystals on non-flat surfaces. Microelectronic Engineering, 2016, 153, 20-23.	2.4	0