

Cesar Clavero

List of Publications by Year in descending order

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19
papers

2,853
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

5906
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmon-induced hot-electron generation at nanoparticle/metal-oxide interfaces for photovoltaic and photocatalytic devices. <i>Nature Photonics</i> , 2014, 8, 95-103.	31.4	2,246
2	Plasmonics and Enhanced Magneto-Optics in Core-Shell Co-Ag Nanoparticles. <i>Nano Letters</i> , 2011, 11, 1237-1240.	9.1	223
3	Examination of the technical potential of near-infrared switching thermochromic windows for commercial building applications. <i>Solar Energy Materials and Solar Cells</i> , 2014, 123, 65-80.	6.2	101
4	Thickness and microstructure effects in the optical and electrical properties of silver thin films. <i>AIP Advances</i> , 2015, 5, .	1.3	70
5	Localized surface plasmon resonance enhanced magneto-optical activity in core-shell Fe-Ag nanoparticles. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	35
6	Evolution of Ordered Metal Chalcogenide Architectures through Chemical Transformations. <i>Journal of the American Chemical Society</i> , 2013, 135, 7446-7449.	13.7	30
7	Influence of ionisation zone motion in high power impulse magnetron sputtering on angular ion flux and NbO _x film growth. <i>Plasma Sources Science and Technology</i> , 2016, 25, 015022.	3.1	28
8	Observation of multiple charge states and high ion energies in high-power impulse magnetron sputtering (HiPIMS) and burst HiPIMS using a LaB ₆ target. <i>Plasma Sources Science and Technology</i> , 2014, 23, 035001.	3.1	22
9	Size and composition-controlled fabrication of thermochromic metal oxide nanocrystals. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 362001.	2.8	18
10	Silver-Based Low-Emissivity Coating Technology for Energy- Saving Window Applications. , 0, , .		17
11	Niobium thin film deposition studies on copper surfaces for superconducting radio frequency cavity applications. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2012, 15, .	1.8	15
12	Strain Effects on the Crystal Growth and Superconducting Properties of Epitaxial Niobium Ultrathin Films. <i>Crystal Growth and Design</i> , 2012, 12, 2588-2593.	3.0	13
13	Magnetic Shielding Larger Than the Lower Critical Field of Niobium in Multilayers. <i>IEEE Transactions on Applied Superconductivity</i> , 2013, 23, 8600203-8600203.	1.7	13
14	Thickness Dependence and Enhancement of H_{c1} in Epitaxial MgB_2 Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2013, 23, 7500604-7500604.	1.7	9
15	Order and phase nucleation in nonequilibrium nanocomposite Fe-Pt thin films with perpendicular magnetic anisotropy. <i>Physical Review B</i> , 2009, 79, .	3.2	6
16	Highly ordered FEPT and FePd magnetic nano-structures: Correlated structural and magnetic studies. <i>Physica B: Condensed Matter</i> , 2006, 384, 15-18.	2.7	5
17	Study of phase transitions in Ti and Sn doped Ba W-type hexaferrites by means of magnetic disaccommodation techniques. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3589-3592.	0.8	1
18	Study of Nb epitaxial growth on Cu(111) at sub-monolayer level. <i>Journal of Applied Physics</i> , 2012, 112, 074328.	2.5	1

#	ARTICLE	IF	CITATIONS
19	Magnetoplasmonic Nanostructures. , 2015, , 175-202.		0