

# Cesar Clavero

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

2,853  
citations

758635

12  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

5906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of ionisation zone motion in high power impulse magnetron sputtering on angular ion flux and NbO <sub>2</sub> film growth. Plasma Sources Science and Technology, 2016, 25, 015022.	1.3	28
2	Magnetoplasmonic Nanostructures. , 2015, , 175-202.		0
3	Thickness and microstructure effects in the optical and electrical properties of silver thin films. AIP Advances, 2015, 5, .	0.6	70
4	Plasmon-induced hot-electron generation at nanoparticle/metal-oxide interfaces for photovoltaic and photocatalytic devices. Nature Photonics, 2014, 8, 95-103.	15.6	2,246
5	Examination of the technical potential of near-infrared switching thermochromic windows for commercial building applications. Solar Energy Materials and Solar Cells, 2014, 123, 65-80.	3.0	101
6	Observation of multiple charge states and high ion energies in high-power impulse magnetron sputtering (HiPIMS) and burst HiPIMS using a LaB <sub>6</sub> target. Plasma Sources Science and Technology, 2014, 23, 035001.	1.3	22
7	Size and composition-controlled fabrication of thermochromic metal oxide nanocrystals. Journal Physics D: Applied Physics, 2013, 46, 362001.	1.3	18
8	Magnetic Shielding Larger Than the Lower Critical Field of Niobium in Multilayers. IEEE Transactions on Applied Superconductivity, 2013, 23, 8600203-8600203.	1.1	13
9	Evolution of Ordered Metal Chalcogenide Architectures through Chemical Transformations. Journal of the American Chemical Society, 2013, 135, 7446-7449.	6.6	30
10	Thickness Dependence and Enhancement of $H_{c1}$ in Epitaxial $\text{MgB}_2$ Thin Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 7500604-7500604.	1.1	9
11	Niobium thin film deposition studies on copper surfaces for superconducting radio frequency cavity applications. Physical Review Special Topics: Accelerators and Beams, 2012, 15, .	1.8	15
12	Study of Nb epitaxial growth on Cu(111) at sub-monolayer level. Journal of Applied Physics, 2012, 112, 074328.	1.1	1
13	Strain Effects on the Crystal Growth and Superconducting Properties of Epitaxial Niobium Ultrathin Films. Crystal Growth and Design, 2012, 12, 2588-2593.	1.4	13
14	Plasmonics and Enhanced Magneto-Optics in Core-Shell Co-Ag Nanoparticles. Nano Letters, 2011, 11, 1237-1240.	4.5	223
15	Localized surface plasmon resonance enhanced magneto-optical activity in core-shell Fe-Ag nanoparticles. Journal of Applied Physics, 2010, 107, .	1.1	35
16	Order and phase nucleation in nonequilibrium nanocomposite Fe-Pt thin films with perpendicular magnetic anisotropy. Physical Review B, 2009, 79, .	1.1	6
17	Highly ordered FEPT and FePd magnetic nano-structures: Correlated structural and magnetic studies. Physica B: Condensed Matter, 2006, 384, 15-18.	1.3	5
18	Study of phase transitions in Ti and Sn doped Ba W-type hexaferrites by means of magnetic disaccommodation techniques. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3589-3592.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Silver-Based Low-Emissivity Coating Technology for Energy- Saving Window Applications. , 0, , .		17