

# Lionel Calmels

## List of Publications by Year in descending order

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12  
papers

464  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure and conductivity of off-stoichiometric and Si-doped Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> crystals from multiple-scattering theory. <i>Physical Review B</i> , 2019, 99, .	3.2	4
2	First principles investigation of the Co(0001)/MoS <sub>2</sub> and Ni(111)/WSe <sub>2</sub> interfaces for spin injection in a transition metal dichalcogenide monolayer. , 2017, , .		0
3	Interface Magnetoelectric Coupling in Co/Pb(Zr,Ti)O <sub>3</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7553-7563.	8.0	19
4	Electronic structure near cationic defects in magnetite. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 256002.	1.8	14
5	Spin-Polarized Electron Tunneling in bcc $\text{FeCo/MgO/FeCo}$ Tunnel Junctions. <i>Physical Review Letters</i> , 2010, 105, 176602.	5.6	56
6	Effect of spatial and energy distortions on energy-loss magnetic chiral dichroism measurements: Application to an iron thin film. <i>Ultramicroscopy</i> , 2010, 110, 1033-1037.	1.9	15
7	Interface States in the Full-Oxide Fe <sub>3</sub> O <sub>4</sub> /MgO/Fe <sub>3</sub> O <sub>4</sub> Magnetic Tunnel Junction. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 1730-1732.	2.1	7
8	Mapping inelastic intensities in diffraction patterns of magnetic samples using the energy spectrum imaging technique. <i>Ultramicroscopy</i> , 2008, 108, 393-398.	1.9	58
9	Energy-loss magnetic chiral dichroism (EMCD): Magnetic chiral dichroism in the electron microscope. <i>Journal of Materials Research</i> , 2008, 23, 2582-2590.	2.6	32
10	Evidence of alloying effects in TiC <sub>x</sub> N <sub>1-x</sub> compounds from calculated and experimental electron energy loss spectra. <i>Physical Review B</i> , 2006, 73, .	3.2	13
11	EELS studies of Ti-bearing materials and ab initio calculations. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 143, 117-127.	1.7	32
12	First-principles calculation of the electronic structure and EELS spectra at the graphene/Ni(111) interface. <i>Physical Review B</i> , 2005, 71, .	3.2	214