

# Lionel Calmels

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2649279/publications.pdf>

Version: 2024-02-01

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	First-principles calculation of the electronic structure and EELS spectra at the graphene/Ni(111) interface. Physical Review B, 2005, 71, .	3.2	214
2	Mapping inelastic intensities in diffraction patterns of magnetic samples using the energy spectrum imaging technique. Ultramicroscopy, 2008, 108, 393-398.	1.9	58
3	Spin-Polarized Electron Tunneling in FeCo/MgO $\frac{FeCo}{MgO}$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 652 Td (stretchy="false")	7.8	56
4	EELS studies of Ti-bearing materials and ab initio calculations. Journal of Electron Spectroscopy and Related Phenomena, 2005, 143, 117-127.	1.7	32
5	Energy-loss magnetic chiral dichroism (EMCD): Magnetic chiral dichroism in the electron microscope. Journal of Materials Research, 2008, 23, 2582-2590.	2.6	32
6	Interface Magnetoelectric Coupling in Co/Pb(Zr,Ti)O <sub>3</sub> . ACS Applied Materials & Interfaces, 2016, 8, 7553-7563.	8.0	19
7	Effect of spatial and energy distortions on energy-loss magnetic chiral dichroism measurements: Application to an iron thin film. Ultramicroscopy, 2010, 110, 1033-1037.	1.9	15
8	Electronic structure near cationic defects in magnetite. Journal of Physics Condensed Matter, 2013, 25, 256002.	1.8	14
9	Evidence of alloying effects in TiC <sub>x</sub> N <sub>1-x</sub> compounds from calculated and experimental electron energy loss spectra. Physical Review B, 2006, 73, .	3.2	13
10	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. IEEE Transactions on Magnetics, 2010, 46, 1730-1732.	2.1	7
11	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. Physical Review B, 2019, 99, .	3.2	4
12	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