Adrien Perrichon

List of Publications by Year in Descending Order

12 papers	117 citations	6 h-index	10 g-index
14 ext. papers	154 ext. citations	4.2 avg, IF	2.42 L-index

#	Paper	IF	Citations
12	Resonant enhancement of grazing incidence neutron scattering for the characterization of thin films. *Physical Review B*, **2021**, 103,	3.3	3
11	Unraveling the Ground-State Structure of BaZrO3 by Neutron Scattering Experiments and First-Principles Calculations. *Chemistry of Materials*, **2020**, 32, 2824-2835	9.6	17
10	Neutron Ray-Tracing Simulations of a New Supermirror Guide for the Osiris Spectrometer. *Journal of Surface Investigation*, **2020**, 14, S169-S174	0.5	1
9	Local Coordination Environments and Vibrational Dynamics of Protons in Hexagonal and Cubic Sc-Doped BaTiO3 Proton-Conducting Oxides. *Journal of Physical Chemistry C*, **2020**, 124, 8643-8651	3.8	1
8	Local structure and vibrational dynamics in indium-doped barium zirconate. *Journal of Materials Chemistry A*, **2019**, 7, 7360-7372	13	16
7	Local structure and vibrational dynamics of proton conducting Ba2In2O5(H2O)x. *Journal of Materials Chemistry A*, **2019**, 7, 17626-17636	13	8
6	Local Coordination of Protons in In- and Sc-Doped BaZrO3. *Journal of Physical Chemistry C*, **2019**, 123, 26065-26072	3.8	5
5	A silicon analyser for the OSIRIS spectrometer: An analytical and Monte Carlo simulation study. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2019**, 947, 162740	1.2	1
4	Ionic Conductors and Protonics. *Experimental Methods in the Physical Sciences*, **2017**, 49, 547-581	0.4	2
3	Positional recurrence maps, a powerful tool to de-correlate static and dynamical disorder in distribution maps from molecular dynamics simulations: the case of Nd2NiO4+d. *Physical Chemistry Chemical Physics*, **2016**, 18, 17398-403	3.6	10
2	Lattice Dynamics Modified by Excess Oxygen in Nd2NiO4+Triggering Low-Temperature Oxygen Diffusion. *Journal of Physical Chemistry C*, **2015**, 119, 1557-1564	3.8	31
1	Solid-state reactivity exploredin situby synchrotron radiation on single crystals: from SrFeO2.5to SrFeO3via electrochemical oxygen intercalation. *Journal Physics D: Applied Physics*, **2015**, 48, 504004	3	22